

**Hitachi Data Systems**

Hitachi Dynamic Link Manager Software Interoperability Support Matrix



Note: This document contains support information for only the 3 most recent versions of Hitachi Dynamic Link Manager Advanced. If you require support for previous versions, please ask your Hitachi Data Systems contact.

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| Recent Revision Level Information | | |
|-----------------------------------|-------------------|--------------------------------|
| Revision | Date | Description |
| 50 | January 31,2011 | Additions and modifications... |
| 51 | February 28,2011 | Additions and modifications... |
| 52 | April 28,2011 | Additions and modifications... |
| 52-1 | May 30,2011 | Additions and modifications... |
| 52-2 | JUNE 29,2011 | Additions and modifications... |
| 53 | JULY 30,2011 | Additions and modifications... |
| 53-1 | September 01,2011 | Additions and modifications... |
| 53-2 | September 28,2011 | Additions and modifications... |
| 54 | October 28,2011 | Additions and modifications... |
| 54-1 | November 30,2011 | Additions and modifications... |
| 55 | January 05,2012 | Additions and modifications... |
| 55-1 | February 1,2012 | Additions and modifications... |
| 55-2 | February 29,2012 | Additions and modifications... |
| 55-3 | MARCH 30,2012 | Additions and modifications... |
| 55-4 | April 27,2012 | Additions and modifications... |
| 56 | May 31,2012 | Additions and modifications... |
| 56-1 | Jun 29,2012 | Additions and modifications... |
| 57 | Aug 1,2012 | Additions and modifications... |
| 57-1 | Aug 31,2012 | Additions and modifications... |
| 57-2 | Sep 28,2012 | Additions and modifications... |
| 58 | Oct 31,2012 | Additions and modifications... |
| 58-1 | Nov 30,2012 | Additions and modifications... |
| 58-2 | Dec 27,2012 | Additions and modifications... |
| 59 | Jan 31,2013 | Additions and modifications... |
| 59-1 | Feb 28,2013 | Additions and modifications... |
| 59-2 | Mar 29,2013 | Additions and modifications... |
| 60 | Apr 26,2013 | Additions and modifications... |
| 60-1 | Jun 21,2013 | Additions and modifications... |
| 60-2 | Jun 28,2013 | Additions and modifications... |
| 60-3 | July 31,2013 | Additions and modifications... |
| 60-4 | Aug 30,2013 | Additions and modifications... |
| 61 | Sep 30,2013 | Additions and modifications... |
| 61-1 | Oct 30,2013 | Additions and modifications... |
| 61-2 | Nov 29,2013 | Additions and modifications... |
| 61-3 | Dec 26,2013 | Additions and modifications... |
| 61-4 | Jan 31,2014 | Additions and modifications... |
| 62 | Feb 28,2014 | Additions and modifications... |
| 63 | Mar 31,2014 | Additions and modifications... |
| 63-1 | Apr 25,2014 | Additions and modifications... |
| 63-2 | May 30,2014 | Additions and modifications... |
| 63-3 | Jun 30,2014 | Additions and modifications... |
| 64 | July 31,2014 | Additions and modifications... |
| 64-1 | Aug 29,2014 | Additions and modifications... |
| 65 | Oct 6,2014 | Additions and modifications... |
| 65-1 | Oct 31,2014 | Additions and modifications... |
| 66 | Nov 28,2014 | Additions and modifications... |
| 66-1 | Dec 26,2014 | Additions and modifications... |
| 67 | Jan 30,2015 | Additions and modifications... |
| 67-1 | Feb 27,2015 | Additions and modifications... |
| 68 | Mar 31,2015 | Additions and modifications... |
| 69 | Apr 28,2015 | Additions and modifications... |
| 69-1 | May 29,2015 | Additions and modifications... |
| 70 | Jun 30,2015 | Additions and modifications... |
| 70-1 | July 31,2015 | Additions and modifications... |
| 70-2 | Aug 31,2015 | Additions and modifications... |
| 70-3 | Sep 30,2015 | Additions and modifications... |
| 71 | Oct 30,2015 | Additions and modifications... |
| 71-1 | Nov 30,2015 | Additions and modifications... |
| 71-2 | Dec 28,2015 | Additions and modifications... |
| 72 | Jan 29,2016 | Additions and modifications... |
| 72-1 | Feb 29,2016 | Additions and modifications... |
| 72-2 | Mar 31,2016 | Additions and modifications... |

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Supported Operating Systems for Multipathing

IMPORTANT NOTE

Security fix kernels can be supported without ISRs if their base kernels are supported and all of conditions below are met.
(1) The security fix kernels are for RHEL4.5/ SLES10 or later.
Boot disk environment of RHEL6.0 security fix kernels is not supported.
(2) Bundled driver versions of the security fix kernels are the same as the bundled driver versions of the supported base kernels.
If your requested security fix kernel is for RHEL4.4/SLES9 or before, or has a different bundled driver version from one of the base kernel, please contact appropriate person in HDS for an Interoperability Support Request (ISR).

| Microsoft Windows | | | | HDLM Version | | |
|---------------------|---|--------------|----------------|--------------|--------|--------|
| OS Name | Version | Service Pack | Architecture | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows 2000 | Server | SP4 | IA32 / x86 | | | |
| | Advanced Server Datacenter Server | | | | | |
| Windows Server 2003 | Standard Edition Web Edition Enterprise Edition Datacenter Edition | No SP | IA32 / x86 | | | |
| | | SP1 | | | | |
| | | SP2 | | | | |
| | Enterprise Edition Datacenter Edition | No SP | IA64 / Itanium | | | |
| | | SP1 | | | | |
| | | SP2 | | | | |
| | Standard x64 Edition Enterprise x64 Edition Datacenter x64 Edition | No SP | x64 / x86_64 | | | |
| | | SP2 | | | | |
| | R2 Standard Edition R2 Enterprise Edition R2 Datacenter Edition | No SP | IA32 / x86 | | | |
| | | SP2 | | | | |
| | R2 Standard x64 Edition R2 Enterprise x64 Edition R2 Datacenter x64 Edition | No SP | x64 / x86_64 | | | |
| | | SP2 | | | | |
| Windows Server 2008 | Standard Edition Enterprise Edition Datacenter Edition | No SP | IA32 / x86 | | | |
| | | SP2 | | 36 | 36 | 36 |
| | Standard Edition Enterprise Edition Datacenter Edition | No SP | x64 / x86_64 | 35 | 35 | 35 |
| | | SP2 | | 35,36 | 35,36 | 35,36 |
| | Itanium-based Systems | No SP | IA64 / Itanium | | | |
| | | SP2 | | 36 | 36 | 36 |
| | R2 Standard Edition R2 Enterprise Edition R2 Datacenter Edition R2 Web Edition | No SP | x64 / x86_64 | 35 | 35 | 35 |
| | | SP1 | | 35, 36 | 35, 36 | 35, 36 |
| | R2 Itanium-based Systems | No SP | IA64 / Itanium | | | |
| | | SP1 | | 36 | 36 | 36 |
| Windows Server 2012 | Essentials Edition Standard Edition Datacenter Edition | No SP | x64 / x86_64 | 37 | 37 | 37 |
| | R2 Essentials Edition R2 Standard Edition R2 Datacenter Edition | No SP | x64 / x86_64 | 37 | 37 | 37 |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|--|
| 35 | In Windows Server 2008 and Windows Server 2008 R2 Hyper-V, you can install and use HDLM on the guest OS of Hyper-V for the following environment: - Guest OSs that use Microsoft iSCSI Supported guest OSs: Windows Server 2008 and Windows Server 2008 R2 Supported clusters: MSCS |
| 36 | SP can be applied to the multipath environment where HDLM is installed. |
| 37 | In Windows Server 2012 Hyper-V, you can install and use HDLM on the guest OS of Hyper-V for the following environments: - Guest OSs that use Microsoft iSCSI Supported guest OSs: Windows Server 2012, Windows 2012 R2, Windows Server 2008, and Windows Server 2008 R2 Supported clusters: MSCS - Virtual Fibre Channel Supported guest OSs: Windows Server 2012 and Windows 2012 R2 Supported clusters: MSCS If you use virtual Fibre Channel, use WWN zoning in a FC-SW topology. Additionally, configure one virtual Fibre Channel adapter for each physical channel port. For details about the available HBA drivers, see the sheet "4. Windows HBA". |

| Solaris SPARC | | | | HDLM Version | | |
|---------------|---------|--------------|----------------|--------------|-------------|-------------|
| OS Name | Version | Architecture | Kernel Mode | 8.2.0 | 8.2.1 | 8.4.0 |
| Solaris | 8 | SPARC | 32bit or 64bit | | | |
| | 9 | | 32bit or 64bit | | | |
| | 10 | | 64bit | 4,5,7 | 4,5,7 | 4,5,7 |
| | 11 | | 64bit | 6,7 | 6,7 | 6,7 |
| | 11.1 | | 64bit | 7,8 | 7,8 | 7,8 |
| | 11.2 | | 64bit | 7,8,9,10,11 | 7,8,9,10,11 | 7,8,9,10,11 |
| | 11.3 | | 64bit | | | |
| | | | 64bit | 7,8,9,10,12 | | |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|--|
| 1 | The following patches are required: - 108434-04 or later, 108974-10 or later, 121972-04 or later, and Recommended Patch Cluster Aug/27/02 or later |
| 2 | If you are using EFI labels, use Solaris 9 4/03 or later. |
| 3 | The following patches are required: - 118335-08 or later, and Recommended Patch Cluster Nov/12/02 or later |
| 4 | If you are using ZFS, use Solaris 10 6/06 or later. |
| 5 | If you are using a boot disk environment on ZFS, use Solaris 10 9/10 or later. |
| 6 | The SRU (Support Repository Updates) below is required. SRUs take the place of maintenance updates or patch bundles that are available for Solaris 10 releases. - SRU 6.6 or later |
| 7 | Up to 4096 LUs and up to 8192 paths are supported as HDLM management targets. If you use volume managers, clusterware, or virtualization, check the FRS to make sure the above numbers of LUs and paths are supported for your configuration. If support information is not included in the FRS, up to 256 LUs and up to 4096 paths are supported for the configuration. |
| 8 | A boot disk for which an EFI disk label is set supports only non-cluster configurations. Cluster configurations are not supported. |
| 9 | The Immutable Global Zones function supports only "None". |
| 10 | The Verified Boot function supports only "None". |
| 11 | If SRU 10.5 or later is used, upgrade to or reinstall HDLM as version 8.4.0 or later. |
| 12 | Configurations that use the boot pool function are not supported in a boot disk environment. |

| AIX | | | | HDLM Version | | |
|---------|---------|--------------|-------------|---------------|-------|-------|
| OS Name | Version | Architecture | Kernel Mode | 8.2.0 | 8.2.1 | 8.4.0 |
| AIX | 6.1 | POWER | 64bit | 23 | 23 | 23 |
| | 7.1 | | 64bit | 23 | 23 | |
| | 7.2 | | 64bit | 23 | 23 | |
| | | | | Supported | | |
| | | | | Not Supported | | |

| Notes | |
|---|--|
| 23 The Secure by Default functionality of AIX 6.1, AIX 7.1, and AIX 7.2 is not supported. | |

| HP-UX | | | | | HDLM Version | | |
|---------|---------|---|--------------|-------------|--------------|-------|-------|
| OS Name | Version | Release | Architecture | Kernel Mode | 6.1 | 6.5.0 | 6.5.1 |
| HP-UX | 11iV1 | | PA-RISC | 64bit | | | |
| | 11iV2 | September 2004 May 2005 December 2005 March 2006 June 2006 September 2006 June 2007 December 2007 June 2008 | Itanium | - | | | |
| | | September 2004 May 2005 December 2005 March 2006 June 2006 September 2006 June 2007 December 2007 June 2008 | PA-RISC | 64bit | | | |
| | 11iV3 | There are no plans to support HDLM with HP-UX 11iV3 or later because HP-UX 11iV3 has implemented its own native multipathing solution. Additionally, HP does not recommend nor support 3rd party vendor multipathing on HP-UX 11iV3 or later. All issues relating to multipathing and HP-UX 11iV3 must be discussed directly with HP. | | | | | |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Red Hat Linux | | | | | HDLM Version | | | | |
|----------------------------|----------------------------|-------------------------|--|----------------|--------------------|----------------|-------|--|--|
| OS Name | Version | Update | Kernel | Architecture | 8.2.0 | 8.2.1 | 8.4.0 | | |
| Red Hat Linux ELAS or ELES | 3 | 3 | 2.4.21-20.EL | Intel x86 | | | | | |
| | | | 2.4.21-20.ELsmp | | | | | | |
| | | | 2.4.21-20.ELhugemem | IA64 / Itanium | | | | | |
| | | | 2.4.21-20.EL | | | | | | |
| | | 5 + Security Fix | 2.4.21-32.0.1.EL | Intel x86 | | | | | |
| | | | 2.4.21-32.0.1.ELsmp | | | | | | |
| | | | 2.4.21-32.0.1.ELhugemem | | | | | | |
| | | | 2.4.21-32.0.1.EL | IA64 / Itanium | | | | | |
| | | | 2.4.21-32.0.1.EL | | | | | | |
| | | | 2.4.21-32.0.1.EL | AMD64 | | | | | |
| | | | 2.4.21-32.0.1.ELsmp | | | | | | |
| | | | 2.4.21-47.EL | Intel x86 | | | | | |
| | | | 2.4.21-47.ELsmp | | | | | | |
| | 3.9 | N/A | 2.4.21-47.EL | IA64 / Itanium | | | | | |
| | | | 2.4.21-47.EL | | | | | | |
| | | | 2.4.21-47.EL | EM64T | | | | | |
| | | | 2.4.21-47.ELsmp | | | | | | |
| | 2.4.21-50.EL | | Intel x86 | | | | | | |
| | 2.4.21-50.ELsmp | | | | | | | | |
| | 2.4.21-50.ELhugemem | | IA64 / Itanium | | | | | | |
| | 2.4.21-50.EL | | | | | | | | |
| | 2.4.21-50.EL | | EM64T | | | | | | |
| | 2.4.21-50.EL | | | | | | | | |
| | 2.4.21-50.ELsmp | | AMD64 | | | | | | |
| | 2.4.21-50.ELsmp | | | | | | | | |
| | Red Hat Linux ELAS or ELES | | 4 | 1 | 2.6.9-11.EL | Intel x86 | | | |
| | | | | | 2.6.9-11.ELsmp | | | | |
| | | | | | 2.6.9-11.ELhugemem | IA64 / Itanium | | | |
| | | | | | 2.6.9-11.EL | | | | |
| 3 | | 2.6.9-11.ELsmp | | EM64T | | | | | |
| | | 2.6.9-11.ELhugemem | | | | | | | |
| | | 2.6.9-11.EL | | AMD64 | | | | | |
| | | 2.6.9-11.ELsmp | | | | | | | |
| | | 2.6.9-34.EL | | Intel x86 | | | | | |
| | | 2.6.9-34.ELsmp | | | | | | | |
| | | 2.6.9-34.ELhugemem | | IA64 / Itanium | | | | | |
| | | 2.6.9-34.EL | | | | | | | |
| | | 2.6.9-34.EL | | EM64T | | | | | |
| | | 2.6.9-34.ELsmp | | | | | | | |
| | | 2.6.9-34.ELlargesmp | | AMD64 | | | | | |
| | | 2.6.9-34.0.2.EL | | | | | | | |
| 4 | | 3 + Security Fix | 2.6.9-34.0.2.ELsmp | Intel x86 | | | | | |
| | | | 2.6.9-34.0.2.ELhugemem | | | | | | |
| | | | 2.6.9-34.0.2.EL | EM64T | | | | | |
| | | | 2.6.9-34.0.2.ELsmp | | | | | | |
| | | | 2.6.9-34.0.2.ELlargesmp | AMD64 | | | | | |
| | | | 2.6.9-42.EL | | | | | | |
| | | 4 | 2.6.9-42.ELsmp | Intel x86 | | | | | |
| | | | 2.6.9-42.ELhugemem | | | | | | |
| | | | 2.6.9-42.ELsmp | AMD x86 | | | | | |
| | | | 2.6.9-42.EL | | | | | | |
| | | | 2.6.9-42.EL | IA64 / Itanium | | | | | |
| | | | 2.6.9-42.EL | | | | | | |
| 2.6.9-42.ELsmp | | | EM64T | | | | | | |
| 2.6.9-42.ELlargesmp | | | | | | | | | |
| 2.6.9-42.0.3.EL | | | Intel x86 | | | | | | |
| 2.6.9-42.0.3.ELsmp | | | | | | | | | |
| 4 + Security Fix | | 2.6.9-42.0.3.ELhugemem | IA64 / Itanium | | | | | | |
| | | 2.6.9-42.0.3.EL | | | | | | | |
| | | 2.6.9-42.0.3.EL | EM64T | | | | | | |
| | | 2.6.9-42.0.3.ELsmp | | | | | | | |
| | | 2.6.9-42.0.3.ELlargesmp | AMD64 | | | | | | |
| | | 2.6.9-55.EL | | | | | | | |
| Red Hat Linux ELAS or ELES | 4.5 | None | 2.6.9-55.ELsmp | Intel x86 | | | | | |
| | | | 2.6.9-55.ELhugemem | | | | | | |
| | | | 2.6.9-55.EL | IA64 / Itanium | | | | | |
| | | | 2.6.9-55.ELlargesmp | | | | | | |
| | | | 2.6.9-55.EL | EM64T | | | | | |
| | | | 2.6.9-55.ELlargesmp | | | | | | |
| Red Hat Linux ELAS or ELES | 4.6 | None | 2.6.9-67.EL | Intel x86 | | | | | |
| | | | 2.6.9-67.ELsmp | | | | | | |
| | | | 2.6.9-67.ELhugemem | IA64 / Itanium | | | | | |
| | | | 2.6.9-67.EL | | | | | | |
| | | | 2.6.9-67.ELlargesmp | EM64T | | | | | |
| | | | 2.6.9-67.ELsmp | | | | | | |
| | 4.7 | None | 2.6.9-67.ELlargesmp | AMD64 | | | | | |
| | | | 2.6.9-78.EL | | | | | | |
| | | | 2.6.9-78.ELsmp | Intel x86 | | | | | |
| | | | 2.6.9-78.ELhugemem | | | | | | |
| | | | 2.6.9-78.EL | IA64 / Itanium | | | | | |
| | | | 2.6.9-78.ELlargesmp | | | | | | |
| Red Hat Linux ELAS or ELES | 4.8 | None | 2.6.9-78.EL or 2.6.9-78.ELsmp or 2.6.9-78.ELlargesmp | EM64T | | | | | |
| | | | 2.6.9-78.EL or 2.6.9-78.ELsmp or 2.6.9-78.ELlargesmp | | | | | | |
| | | | 2.6.9-78.EL or 2.6.9-78.ELsmp or 2.6.9-78.ELlargesmp | AMD64 | | | | | |
| | | | 2.6.9-78.EL or 2.6.9-78.ELsmp or 2.6.9-78.ELlargesmp | | | | | | |
| | | | 2.6.9-89.EL | Intel x86 | | | | | |
| | | | 2.6.9-89.ELsmp | | | | | | |
| | | | 2.6.9-89.ELhugemem | IA64 / Itanium | | | | | |
| | | | 2.6.9-89.EL | | | | | | |
| | | | 2.6.9-89.ELlargesmp | AMD64 | | | | | |
| | | | 2.6.9-89.ELlargesmp | | | | | | |

| | | | | | | |
|-----|------|---|----------------|--|--|--|
| | | 2.6.9-89.EL or 2.6.9-89.ELsmp or 2.6.9-89.ELlargesmp | EM64T AMD64 | | | |
| 4.9 | None | 2.6.9-100.EL 2.6.9-100.ELsmp 2.6.9-100.ELhugemem | Intel x86 | | | |
| | | 2.6.9-100.EL 2.6.9-100.ELlargesmp | IA64 / Itanium | | | |
| | | 2.6.9-100.EL or 2.6.9-100.ELsmp or 2.6.9-100.ELlargesmp | EM64T AMD64 | | | |

| | | | | | | | |
|--|------|------|----------------------------|----------------|---------------|---------------|---------------|
| | 5 | None | 2.6.18-8.el5 | Intel x86 | 26, 31 | 26, 31 | 26, 31 |
| | | | 2.6.18-8.el5PAE | | | | |
| | | | 2.6.18-8.el5 | IA64 / Itanium | 26 | 26 | 26 |
| | | | 2.6.18-8.el5 | EM64T | 26, 31 | 26, 31 | 26, 31 |
| | | | | AMD64 | 34, 64 | 34, 64 | 34, 64 |
| | | | | | | | |
| | 5.1 | None | 2.6.18-53.el5 | Intel x86 | 26 | 26 | 26 |
| | | | 2.6.18-53.el5PAE | | 31, 37 | 31, 37 | 31, 37 |
| | | | 2.6.18-53.el5 | IA64 / Itanium | 26, 37 | 26, 37 | 26, 37 |
| | | | 2.6.18-53.el5 | EM64T | 26, 31 | 26, 31 | 26, 31 |
| | | | | AMD64 | 34, 37, 64 | 34, 37, 64 | 34, 37, 64 |
| | | | | | | | |
| | 5.2 | None | 2.6.18-92.el5 | Intel x86 | 26, 31 | 26, 31 | 26, 31 |
| | | | 2.6.18-92.el5PAE | | | | |
| | | | 2.6.18-92.el5 | IA64 / Itanium | 26 | 26 | 26 |
| | | | 2.6.18-92.el5 | EM64T | 26, 31 | 26, 31 | 26, 31 |
| | | | | AMD64 | 34, 64 | 34, 64 | 34, 64 |
| | | | | | | | |
| | 5.3 | None | 2.6.18-128.el5 | Intel x86 | 26,38 | 26,38 | 26,38 |
| | | | 2.6.18-128.el5PAE | | | | |
| | | | 2.6.18-128.el5 | IA64 / Itanium | 26,38 | 26,38 | 26,38 |
| | | | 2.6.18-128.el5 | EM64T | 26,34,38 | 26,34,38 | 26,34,38 |
| | | | | AMD64 | | | |
| | | | | | | | |
| | 5.4 | None | 2.6.18-164.el5 | Intel x86 | 26,38 | 26,38 | 26,38 |
| | | | 2.6.18-164.el5PAE | | | | |
| | | | 2.6.18-164.el5 | IA64 / Itanium | 26,38 | 26,38 | 26,38 |
| | | | 2.6.18-164.el5 | EM64T | 26,34,38 | 26,34,38 | 26,34,38 |
| | | | | AMD64 | | | |
| | | | | | | | |
| | 5.5 | None | 2.6.18-194.el5 | Intel x86 | 26,38 | 26,38 | 26,38 |
| | | | 2.6.18-194.el5PAE | | | | |
| | | | 2.6.18-194.el5 | IA64 / Itanium | 26,38 | 26,38 | 26,38 |
| | | | 2.6.18-194.el5 | EM64T | 26,34,38 | 26,34,38 | 26,34,38 |
| | | | | AMD64 | | | |
| | | | | | | | |
| | 5.6 | None | 2.6.18-238.el5 | Intel x86 | 26,38 | 26,38 | 26,38 |
| | | | 2.6.18-238.el5PAE | | | | |
| | | | 2.6.18-238.el5 | IA64 / Itanium | 26,38 | 26,38 | 26,38 |
| | | | 2.6.18-238.el5 | EM64T | 26,34,38 | 26,34,38 | 26,34,38 |
| | | | | AMD64 | | | |
| | | | | | | | |
| | 5.7 | None | 2.6.18-274.el5 | Intel x86 | 26,38 | 26,38 | 26,38 |
| | | | 2.6.18-274.el5PAE | | | | |
| | | | 2.6.18-274.el5 | IA64 / Itanium | 26,38 | 26,38 | 26,38 |
| | | | 2.6.18-274.el5 | EM64T | 26,34,38 | 26,34,38 | 26,34,38 |
| | | | | AMD64 | | | |
| | | | | | | | |
| | 5.8 | None | 2.6.18-308.el5 | Intel x86 | 26,38 | 26,38 | 26,38 |
| | | | 2.6.18-308.el5PAE | | | | |
| | | | 2.6.18-308.el5 | IA64 / Itanium | 26,38 | 26,38 | 26,38 |
| | | | 2.6.18-308.el5 | EM64T | 26,34,38 | 26,34,38 | 26,34,38 |
| | | | | AMD64 | | | |
| | | | | | | | |
| | 5.9 | None | 2.6.18-348.el5 | Intel x86 | 26,38 | 26,38 | 26,38 |
| | | | 2.6.18-348.el5PAE | | | | |
| | | | 2.6.18-348.el5 | IA64 / Itanium | 26,38 | 26,38 | 26,38 |
| | | | 2.6.18-348.el5 | EM64T | 26,34,38 | 26,34,38 | 26,34,38 |
| | | | | AMD64 | | | |
| | | | | | | | |
| | 5.10 | None | 2.6.18-371.el5 | Intel x86 | 26,38 | 26,38 | 26,38 |
| | | | 2.6.18-371.el5PAE | | | | |
| | | | 2.6.18-371.el5 | IA64 / Itanium | 26,38 | 26,38 | 26,38 |
| | | | 2.6.18-371.el5 | EM64T | 26,34,38 | 26,34,38 | 26,34,38 |
| | | | | AMD64 | | | |
| | | | | | | | |
| | 5.11 | None | 2.6.18-398.el5 | Intel x86 | 26,38 | 26,38 | 26,38 |
| | | | 2.6.18-398.el5PAE | | | | |
| | | | 2.6.18-398.el5 | IA64 / Itanium | 26,38 | 26,38 | 26,38 |
| | | | 2.6.18-398.el5 | EM64T | 26,34,38 | 26,34,38 | 26,34,38 |
| | | | | AMD64 | | | |
| | | | | | | | |
| | 6 | None | 2.6.32-71.el6.i686 | Intel x86 | 26,38 | 26,38 | 26,38 |
| | | | | | | | |
| | | | 2.6.32-71.el6.x86_64 | EM64T | 26,38,68 | 26,38,68 | 26,38,68 |
| | 6.1 | None | 2.6.32-131.0.15.el6.i686 | Intel x86 | 26,38, 66 | 26,38, 66 | 26,38, 66 |
| | | | | | | | |
| | | | 2.6.32-131.0.15.el6.x86_64 | EM64T | 26,38, 66,68 | 26,38, 66,68 | 26,38, 66,68 |
| | 6.2 | None | 2.6.32-220.el6.i686 | Intel x86 | 26,38 | 26,38 | 26,38 |
| | | | | | | | |
| | | | 2.6.32-220.el6.x86_64 | EM64T | 26,38,68 | 26,38,68 | 26,38,68 |
| | 6.3 | None | 2.6.32-279.el6.i686 | Intel x86 | 26,38 | 26,38 | 26,38 |
| | | | | | | | |
| | | | 2.6.32-279.el6.x86_64 | EM64T | 26,38, 68 | 26,38, 68 | 26,38, 68 |
| | 6.4 | None | 2.6.32-358.el6.i686 | Intel x86 | 26,38 | 26,38 | 26,38 |
| | | | | | | | |
| | | | 2.6.32-358.el6.x86_64 | EM64T | 26,38, 68 | 26,38, 68 | 26,38, 68 |
| | 6.5 | None | 2.6.32-431.el6.i686 | Intel x86 | 26,38,71 | 26,38,71 | 26,38,71 |
| | | | | | | | |
| | | | 2.6.32-431.el6.x86_64 | EM64T | 26,38, 68, 71 | 26,38, 68, 71 | 26,38, 68, 71 |
| | 6.6 | None | 2.6.32-504.el6.i686 | Intel x86 | 26,38,71 | 26,38,71 | 26,38,71 |
| | | | | | | | |
| | | | 2.6.32-504.el6.x86_64 | EM64T | 26,38, 68, 71 | 26,38, 68, 71 | 26,38, 68, 71 |
| | 6.7 | None | 2.6.32-573.el6.i686 | Intel x86 | 26,38,71 | 26,38,71 | 26,38,71 |
| | | | | | | | |
| | | | 2.6.32-573.el6.x86_64 | EM64T | 26,38, 68, 71 | 26,38, 68, 71 | 26,38, 68, 71 |
| | 7 | None | 3.10.0-123.el7.x86_64 | EM64T | 26,31,68, | 26,31,68, | 26,31,68, |
| | | | | | 70,71 | 70,71 | 70,71 |
| | | | 3.10.0-229.el7.x86_64 | AMD64 | | | |
| | 7.1 | None | | EM64T | 26,31,68, | 26,31,68, | 26,31,68, |
| | | | | | 70,71 | 70,71 | 70,71 |
| | | | | | | | |
| | 7.2 | None | | EM64T | | | 26,31,68, |
| | | | | | | | 70,71 |
| | | | | | | | |

| | |
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| Supported | |
| Not Supported | |

| Notes | |
|-------|--|
| 26 | XEN is not supported. |
| 31 | GFS and GFS2 are not supported. |
| | In an EM64T/AMD64 environment, the RPM (Red Hat Package Manager) packages listed below are required. Install these RPM packages before installing HDLM: - libstdc++-RPM package version.i386.rpm - libgcc-RPM package version.i386.rpm - glibc-RPM package version.i686.rpm |
| 34 | Note: RPM-package-version depends on the OS version you are using. |
| | The following library is required: |
| 37 | glibc-2.5-18.el5_1.1 or later |
| 38 | GFS is not supported. |
| 64 | Only the 64bit kernel mode is supported. |
| 65 | The LVM2 + boot disk environment configuration is not supported. |
| 66 | This is supported in HDLM 6.6.2-01 and later. |
| | In an EM64T/AMD64 environment, the RPM (Red Hat Package Manager) packages listed below are required. Install these RPM packages before installing HDLM: - libstdc++-RPM package version.i686.rpm - libgcc-RPM package version.i686.rpm - glibc-RPM package version.i686.rpm |
| 68 | Note: RPM-package-version depends on the OS version you are using. |
| 69 | Boot disk environment configurations are not supported. |
| | |
| 70 | An OS environment that was configured by selecting "Minimal Install", which was supported in RHEL 7, is also supported. |
| | |
| 71 | UEFI boot is supported. |

| Oracle Unbreakable Enterprise Kernel | | | | | HDLM Version | | |
|--------------------------------------|-------------------|--------|--------------------------------|--------------|--------------|------------|------------|
| OS Name | Version | Update | Kernel | Architecture | 8.2.0 | 8.2.1 | 8.4.0 |
| Oracle Unbreakable Enterprise Kernel | 5.6 | None | 2.6.32-100.26.2.el5 | EM64T AMD64 | 26, 34, 38 | 26, 34, 38 | 26, 34, 38 |
| | 5.7 | None | 2.6.32-200.13.1.el5uek | Intel x86 | 26, 34, 38 | 26, 34, 38 | 26, 34, 38 |
| | | | 2.6.32-300.27.1.el5uek | Intel x86 | 26, 34, 38 | 26, 34, 38 | 26, 34, 38 |
| | | | 2.6.32-200.13.1.el5uek | EM64T AMD64 | 26, 34, 38 | 26, 34, 38 | 26, 34, 38 |
| | | | 2.6.32-300.27.1.el5uek | EM64T AMD64 | 26, 34, 38 | 26, 34, 38 | 26, 34, 38 |
| | 5.8 | None | 2.6.32-300.39.2.el5uek | Intel x86 | 26, 38, 68 | 26, 38, 68 | 26, 38, 68 |
| | | | 2.6.32-300.39.2.el5uek | EM64T AMD64 | 26, 38, 68 | 26, 38, 68 | 26, 38, 68 |
| | 6.2 | None | 2.6.39-200.29.1.el6uek.i686 | Intel x86 | 26, 38, 68 | 26, 38, 68 | 26, 38, 68 |
| | | | 2.6.39-200.29.2.el6uek.i686 | Intel x86 | 26, 38, 68 | 26, 38, 68 | 26, 38, 68 |
| | | | 2.6.39-200.29.1.el6uek.x86_64 | EM64T AMD64 | 26, 38, 68 | 26, 38, 68 | 26, 38, 68 |
| | | | 2.6.39-200.29.2.el6uek.x86_64 | EM64T AMD64 | 26, 38, 68 | 26, 38, 68 | 26, 38, 68 |
| | 6.3 | None | 2.6.39-200.24.1.el6uek.i686 | Intel x86 | 26, 38, 68 | 26, 38, 68 | 26, 38, 68 |
| | | | 2.6.39-200.24.1.el6uek.x86_64 | EM64T AMD64 | 26, 38, 68 | 26, 38, 68 | 26, 38, 68 |
| | 6.4(Security Fix) | None | 2.6.39-400.211.1.el6uek.i686 | Intel x86 | 26, 38, 68 | 26, 38, 68 | 26, 38, 68 |
| | | | 2.6.39-400.211.1.el6uek.x86_64 | EM64T AMD64 | 26, 38, 68 | 26, 38, 68 | 26, 38, 68 |
| | 6.5 | None | 2.6.39-400.211.1.el6uek.i686 | Intel x86 | 26, 38, 68 | 26, 38, 68 | 26, 38, 68 |
| | | | 3.8.13-16.2.1.el6uek.x86_64 | EM64T AMD64 | 26, 38, 68 | 26, 38, 68 | 26, 38, 68 |
| | 6.5(Security Fix) | None | 3.8.13-44.el6uek.x86_64 | EM64T AMD64 | 26, 38, 68 | 26, 38, 68 | 26, 38, 68 |
| | 6.6 | None | 3.8.13-44.1.1.el6uek.x86_64 | EM64T AMD64 | 26, 38, 68 | 26, 38, 68 | 26, 38, 68 |
| | 6.6(Security Fix) | None | 3.8.13-68.el6uek.x86_64 | EM64T AMD64 | 26, 38, 68 | 26, 38, 68 | 26, 38, 68 |
| | 6.6(Security Fix) | None | 3.8.13-68.1.3.el6uek.x86_64 | EM64T AMD64 | 26, 38, 68 | 26, 38, 68 | 26, 38, 68 |
| | 6.7 | None | 3.8.13-68.3.4.el6uek.x86_64 | EM64T AMD64 | 26, 38, 68 | 26, 38, 68 | 26, 38, 68 |
| | 7 | None | 3.8.13-44.el7uek.x86_64 | EM64T AMD64 | 26, 38, 68 | 26, 38, 68 | 26, 38, 68 |
| | 7.1 | None | 3.8.13-55.1.6.el7uek.x86_64 | EM64T AMD64 | 26, 38, 68 | 26, 38, 68 | 26, 38, 68 |
| | 7.1(Security Fix) | None | 3.8.13-68.el7uek.x86_64 | EM64T AMD64 | 26, 38, 68 | 26, 38, 68 | 26, 38, 68 |
| | 7.1(Security Fix) | None | 3.8.13-68.2.2.el7uek.x86_64 | EM64T AMD64 | 26, 38, 68 | 26, 38, 68 | 26, 38, 68 |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|--|
| 26 | XEN is not supported. |
| | In an EM64T/AMD64 environment, the RPM (Red Hat Package Manager) packages listed below are required. Install these RPM packages before installing HDLM: - libstdc++-RPM package version.i386.rpm - libgcc-RPM package version.i386.rpm - glibc-RPM package version.i686.rpm |
| 34 | Note: RPM-package-version depends on the OS version you are using. |
| 38 | GFS is not supported. |
| | In an EM64T/AMD64 environment, the RPM (Red Hat Package Manager) packages listed below are required. Install these RPM packages before installing HDLM: - libstdc++-RPM package version.i686.rpm - libgcc-RPM package version.i686.rpm - glibc-RPM package version.i686.rpm |
| 68 | Note: RPM-package-version depends on the OS version you are using. |
| 69 | Boot disk environment configurations are not supported. |

| Oracle Enterprise Linux | | | | | HDL M Version | | |
|-------------------------|---------|--------|--|----------------|-------------------|-------------------|-------------------|
| OS Name | Version | Update | Kernel | Architecture | 8.2.0 | 8.2.1 | 8.4.0 |
| Oracle Enterprise Linux | 4 | 5 | 2.6.9-55.0.0.0.2.EL | Intel x86 | | | |
| | | | 2.6.9-55.0.0.0.2.ELsmp | | | | |
| | | | 2.6.9-55.0.0.0.2.ELhugemem | | | | |
| | | 6 | 2.6.9-55.0.0.0.2.EL | EM64T AMD64 | | | |
| | | | 2.6.9-55.0.0.0.2.ELsmp | | | | |
| | | | 2.6.9-55.0.0.0.2.ELlargesmp | | | | |
| | 5 | 1 | 2.6.9-67.0.0.0.1.EL | Intel x86 | | | |
| | | | 2.6.9-67.0.0.0.1.ELsmp | | | | |
| | | | 2.6.9-67.0.0.0.1.ELhugemem | | | | |
| | | 6 | 2.6.9-67.0.0.0.1.EL | EM64T AMD64 | | | |
| | | | 2.6.9-67.0.0.0.1.ELsmp | | | | |
| | | | 2.6.9-67.0.0.0.1.ELlargesmp | | | | |
| | 5.4 | None | 2.6.18-53.el5 | Intel x86 | 26,31 | 26,31 | 26,31 |
| | | | 2.6.18-53.el5 PAE | | | | |
| | | | 2.6.18-53.el5 | | 26, 34, 64, 31 | 26, 34, 64, 31 | 26, 34, 64, 31 |
| | 5.5 | None | 2.6.18-164.el5 or 2.6.18-164.el5PAE | Intel x86 | 26,38 | 26,38 | 26,38 |
| | | | 2.6.18-164.el5 | | 26,34,38 | 26,34,38 | 26,34,38 |
| | | | 2.6.18-194.el5 or 2.6.18-194.el5PAE | | 26,38 | 26,38 | 26,38 |
| | 5.6 | None | 2.6.18-194.el5 | Intel x86 | 26,38 | 26,38 | 26,38 |
| | | | 2.6.18-238.el5 or 2.6.18-238.el5PAE | | 26,34,38 | 26,34,38 | 26,34,38 |
| | | | 2.6.18-238.el5 | | 26,34,38 | 26,34,38 | 26,34,38 |
| | 5.7 | None | 2.6.18-274.el5 or 2.6.18-274.el5PAE | Intel x86 | 26,38 | 26,38 | 26,38 |
| | | | 2.6.18-274.el5 | | 26,34,38 | 26,34,38 | 26,34,38 |
| | | | 2.6.32-431.el6.i686 | | 26,38 | 26,38 | 26,38 |
| Oracle Linux | 6.5 | None | 2.6.32-431.el6.x86_64 | Intel x86 | 26,34,38 | 26,34,38 | 26,34,38 |
| | | | 2.6.32-504.el6.i686 | | 26,34,38 | 26,34,38 | 26,34,38 |
| | | | 2.6.32-504.el6.x86_64 | | 26,34,38 | 26,34,38 | 26,34,38 |
| | 6.6 | None | 2.6.32-504.el6.i686 | Intel x86 | 26,38 | 26,38 | 26,38 |
| | | | 2.6.32-504.el6.x86_64 | | 26,34,38 | 26,34,38 | 26,34,38 |
| | | | 2.6.32-504.el6.x86_64 | | 26,34,38 | 26,34,38 | 26,34,38 |
| | 7 | None | 3.10.0-123.el7.x86_64 | EM64T AMD64 | 26, 31, 34,70 | 26, 31, 34,70 | 26, 31, 34,70 |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|--|
| 26 | XEN is not supported. |
| 31 | GFS and GFS2 are not supported. |
| | In an EM64T/AMD64 environment, the RPM (Red Hat Package Manager) packages listed below are required. Install these RPM packages before installing HDLM: - libstdc++-RPM package version.i386.rpm - libgcc-RPM package version.i386.rpm - glibc-RPM package version.i686.rpm |
| 34 | Note: RPM-package-version depends on the OS version you are using. |
| 38 | GFS is not supported. |
| 64 | Only the 64bit kernel mode is supported. |
| 69 | Boot disk environment configurations are not supported. |
| 70 | To use HDLM in an RHEL 7 environment, the minimum configuration (the configuration set by selecting "Minimal Install" during OS setup) or a higher configuration is required. |

| SUSE Linux | | | | | HDL M Version | | | | |
|------------|--|----------------------|--------------------------|--------------------------|--------------------------|----------------|--------|--------|--|
| OS Name | Version | Update | Kernel | Architecture | 8.2.0 | 8.2.1 | 8.2.0 | | |
| SUSE Linux | 9 | SP4 | 2.6.5-7.308-default | Intel x86 | | | | | |
| | | | 2.6.5-7.308-smp | | | | | | |
| | | | 2.6.5-7.308-bigsmpt | | | | | | |
| | | | 2.6.5-7.308-default | IA64 / Itanium | | | | | |
| | | | 2.6.5-7.308-64k-pagesize | | | | | | |
| | | | | 2.6.5-7.308-default | EM64T | | | | |
| | | | | 2.6.5-7.308-smp | AMD64 | | | | |
| | | SP4 + Security Fix | 2.6.5-7.315-default | Intel x86 | | | | | |
| | | | 2.6.5-7.315-smp | | | | | | |
| | | | 2.6.5-7.315-bigsmpt | | | | | | |
| | 2.6.5-7.315-default | | EM64T | | | | | | |
| | 2.6.5-7.315-smp | | AMD64 | | | | | | |
| | 10 | None | 2.6.16.21-0.8-default | Intel x86 | | | | | |
| | | | 2.6.16.21-0.8-smp | | | | | | |
| | | | 2.6.16.21-0.8-bigsmpt | | | | | | |
| | | | 2.6.16.21-0.8-default | IA64 / Itanium | | | | | |
| | | | 2.6.16.21-0.8-smp | EM64T | | | | | |
| | | | | 2.6.16.46-0.14-default | Intel x86 | | | | |
| | | | | 2.6.16.46-0.14-smp | | | | | |
| | | | | 2.6.16.46-0.14-bigsmpt | | | | | |
| | | | | 2.6.16.46-0.14-default | IA64 / Itanium | | | | |
| | | | | 2.6.16.46-0.14-smp | EM64T | | | | |
| | | | | 2.6.16.46-0.14-smp | AMD64 | | | | |
| | | SP2 | 2.6.16.60-0.21-default | Intel x86 | | | | | |
| | | | 2.6.16.60-0.21-smp | | | | | | |
| | | | 2.6.16.60-0.21-bigsmpt | | | | | | |
| | | | 2.6.16.60-0.21-xenpae | Intel x86 | | | | | |
| | | | 2.6.16.60-0.21-default | IA64 / Itanium | | | | | |
| | | | | 2.6.16.60-0.21-default | EM64T | | | | |
| | | | | 2.6.16.60-0.21-smp | AMD64 | | | | |
| | | | | | EM64T | | | | |
| | | | | | AMD64 | | | | |
| | | 11 | SP3 | 2.6.16.60-0.21-xen | Intel x86 | | | | |
| | | | | 2.6.16.60-0.54.5-default | Intel x86 | | | | |
| | | | | 2.6.16.60-0.54.5-smp | | | | | |
| | | | | 2.6.16.60-0.54.5-bigsmpt | | | | | |
| | | | | 2.6.16.60-0.54.5-xenpae | Intel x86 | | | | |
| | | | | | 2.6.16.60-0.54.5-default | IA64 / Itanium | | | |
| | | | | | 2.6.16.60-0.54.5-default | EM64T | | | |
| | | | | | 2.6.16.60-0.54.5-smp | AMD64 | | | |
| | | | | | | EM64T | | | |
| | | | | | | AMD64 | | | |
| | | SP4 | 2.6.16.60-0.85.1-default | Intel x86 | 26 | 26 | 26 | | |
| | | | 2.6.16.60-0.85.1-smp | | | | | | |
| | | | 2.6.16.60-0.85.1-bigsmpt | Intel x86 | | | | | |
| | | | 2.6.16.60-0.85.1-xenpae | IA64 / Itanium | 26 | 26 | 26 | | |
| | | | 2.6.16.60-0.85.1-default | EM64T | 26 | 26 | 26 | | |
| | | | | 2.6.16.60-0.85.1-default | AMD64 | 26, 64 | 26, 64 | 26, 64 | |
| | | | | | EM64T | 64 | 64 | 64 | |
| | | | | | AMD64 | | | | |
| | | 12 | None+Security Fix | 2.6.27.21-0.1.2-default | Intel x86 | 26 | 26 | 26 | |
| | | | | 2.6.27.21-0.1.2-pae | | | | | |
| | 2.6.27.21-0.1.2-xen | | | Intel x86 | | | | | |
| | | | | EM64T | | | | | |
| | | | | AMD64 | | | | | |
| | 2.6.27.21-0.1.2-default | | | IA64 / Itanium | 26 | 26 | 26 | | |
| | 2.6.27.21-0.1.2-smp | | | EM64T | 26 | 26 | 26 | | |
| | | | | AMD64 | | | | | |
| | SP1 | | | 2.6.32.12-0.7.1-default | Intel x86 | 26 | 26 | 26 | |
| | | | | 2.6.32.12-0.7.1-pae | | | | | |
| | | | 2.6.32.12-0.7.1-xen | Intel x86 | | | | | |
| | | | | EM64T | | | | | |
| | | | | AMD64 | | | | | |
| | | | | 2.6.32.12-0.7.1-default | IA64 / Itanium | 26 | 26 | 26 | |
| | | | | 2.6.32.12-0.7.1-smp | EM64T | 26 | 26 | 26 | |
| | | | | | AMD64 | | | | |
| | SP2 | | 3.0.13-0.27-default | Intel x86 | 26 | 26 | 26 | | |
| | | | 3.0.13-0.27-smp | | | | | | |
| | | | 3.0.13-0.27-default | IA64 / Itanium | 26 | 26 | 26 | | |
| | | | 3.0.13-0.27-smp | | | | | | |
| | | 3.0.13-0.27-default | EM64T | 26 | 26 | 26 | | | |
| | | | AMD64 | | | | | | |
| | SP3 | 3.0.76-0.11-default | Intel x86 | 26 | 26 | 26 | | | |
| | | 3.0.76-0.11-smp | | | | | | | |
| | | 3.0.76-0.11-default | IA64 / Itanium | 26 | 26 | 26 | | | |
| | | 3.0.76-0.11-smp | EM64T | 26 | 26 | 26 | | | |
| | | 3.0.76-0.11-default | AMD64 | | | | | | |
| | | | 3.0.76-0.11-xen | EM64T | | | | | |
| | | | | AMD64 | | | | | |
| | SP4 | 3.0.101-63.1-default | Intel x86 | | | 26 | | | |
| | | 3.0.101-63.1-smp | | | | | | | |
| | | 3.0.101-63.1-default | IA64 / Itanium | | 26 | 26 | | | |
| | | 3.0.101-63.1-smp | EM64T | | 26 | 26 | | | |
| | | 3.0.101-63.1-default | AMD64 | | | | | | |
| | | | 3.0.101-63.1-xen | EM64T | | | | | |
| | | | | AMD64 | | | | | |
| | 12 | None | 3.12.28-4-default | EM64T | 26 | 26 | 26 | | |
| | | | 3.12.28-4-xen | AMD64 | | | | | |
| | | | | EM64T | | | | | |
| | | | | AMD64 | | | | | |
| | | | | | | Supported | | | |
| | | | | | | Not Supported | | | |
| | Notes | | | | | | | | |
| | 26 XEN is not supported. | | | | | | | | |
| | 29 Make sure that the package gdb-6.5-21.2 is applied. | | | | | | | | |
| | 64 Only the 64bit kernel mode is supported. | | | | | | | | |

| VMware | | | | | HDLM Version | | |
|---------------------|--|--------|--------|----------------|---------------|-------|-------|
| Name | Version | Update | Kernel | Architecture | 8.2.0 | 8.2.1 | 8.2.0 |
| VMware vSphere ESXi | 5.0 | None | | EM64T or AMD64 | 1 | 1 | 1 |
| | | 1 | | EM64T or AMD64 | 1 | 1 | 1 |
| | | 2 | | EM64T or AMD64 | 1 | 1 | 1 |
| | | 3 | | EM64T or AMD64 | 1 | 1 | 1 |
| | 5.1 | None | | EM64T or AMD64 | 1 | 1 | 1 |
| | | 1 | | EM64T or AMD64 | 1 | 1 | 1 |
| | | 2 | | EM64T or AMD64 | 1 | 1 | 1 |
| | | 3 | | EM64T or AMD64 | 1 | 1 | 1 |
| | 5.5 | None | | EM64T or AMD64 | 1 | 1 | 1 |
| | | 1 | | EM64T or AMD64 | 1 | 1 | 1 |
| | | 2 | | EM64T or AMD64 | 1 | 1 | 1 |
| | | 3 | | EM64T or AMD64 | 1 | 1 | 1 |
| | 6.0 | None | | EM64T or AMD64 | 1 | 1 | 1 |
| | | 1 | | EM64T or AMD64 | 1 | 1 | 1 |
| | | | | | Supported | | |
| | | | | | Not Supported | | |
| Notes | | | | | | | |
| 1 | According to the VMware ESXi 5.0/5.1/5.5/6.0 End User License Agreement (EULA), HDLM can be used on Enterprise, Enterprise Plus VMware ESXi Editions, and Standard, too. | | | | | | |

| Microsoft Windows | | HDLM Version | | |
|--|--|--------------|---------|---------|
| | | 8.2.0 | 8.2.1 | 8.4.0 |
| Product Modifications and Additional Functions | Manual Fail Over | | | |
| | Manual Fail Back | | | |
| | Automatic Fail Over | | | |
| | Automatic Fail Back | | | |
| | Load Balance (Round Robin) | | | |
| | Load Balance (Extended Round Robin) | | | |
| | Load Balance (Least I/O) | | | |
| | Load Balance (Extended Least I/O) | | | |
| | Load Balance (Least Blocks) | | | |
| | Load Balance (Extended Least Blocks) | | | |
| | Load Balance under MSCS | | | |
| | Automatic Discovery | | | |
| | Error Log | | | |
| | CLI | 21 | 21 | 21 |
| | GUI | 14 | 14 | 14 |
| | Path Blockade | | | |
| | Health check | | | |
| | Online(E) | | | |
| | Health check Time(1min to 24 hr) | | | |
| | Support HBA without restrained PnP option. | | | |
| | Dynamic Reconfiguration | | | |
| | Offline for each HBA (CLI) | | | |
| | Target Side Failover | | | |
| | HMDE support | 2 | 2 | 2 |
| | Boot Disk (FC SAN) | 1, 6 | 1, 6 | 1, 6 |
| | Upgrade install | 5, 8, 9 | 5, 8, 9 | 5, 8, 9 |
| | Service Pack | | | |
| | Digital Signature | | | |
| | Boot Disk (iSCSI) | 13 | 13 | 13 |
| | Boot Disk (FCoE) | 18 | 18 | 18 |
| | internationalization environment | | | |
| | PGR reset utility | | | |
| | Unattended Installation | | | |
| | Audit Log | | | |
| | HDLM Component Install Utility | | | |
| | HDLM Component Uninstall Utility | | | |
| | HDLM Core Components Install (Non-Java) | | | |
| | Hyper-V | 3 | 3 | 3 |
| | The function of displaying WWN of a HBA port online/offline by HBA port WWN | | | |
| | High Availability Manager | 22, 26 | 22, 26 | 22, 26 |
| | Dynamic I/O Path Control | 15 | 15 | 15 |
| | Specifying the number of times the same path can be used for I/O operations when the load balancing is used. | | | |
| | Specifying the number of times the same path can be used for random I/O operations when extended load balancing is used. | | | |

| | | | | | | |
|---------------------------|---|-----------------------------|------------------------------|--------|--------|--------|
| Supported Storage Systems | Storage System | Interface | Microcode version | | | |
| | Hitachi Lightning 9900V | Fibre Channel | 21-02-21-XX/XX or later | | | |
| | | iSCSI | 21-11-01-XX/XX or later | | | |
| | Hitachi Universal Storage Platform | Fibre Channel | 50-01-19-XX/XX or later | | | |
| | | iSCSI | 50-06-00-XX/XX | | | |
| | Hitachi Universal Storage Platform V | Fibre Channel | 60-01-XX-XX/XX or later | | | |
| | Hitachi Universal Storage Platform VM | Fibre Channel | 60-01-61-XX/XX or later | | | |
| | Hitachi Virtual Storage Platform | Fibre Channel | 70-01-00-XX/XX or later | | | |
| | | Fibre Channel over Ethernet | 70-02-00-XX/XX or later | | | |
| | Hitachi Virtual Storage Platform G1000 | Fibre Channel | 80-01-2X-XX/XX or later | 19 | 19 | 19 |
| | | Fibre Channel over Ethernet | 80-02-0X-XX/XX or later | 19 | 19 | 19 |
| | | Fibre Channel | 80-02-4X-XX/XX or later | 24 | 24 | 24 |
| | Hitachi Virtual Storage Platform G200 | Fibre Channel | 83-01-01-20/XX or later | | | |
| | | Fibre Channel | 83-01-2X-20/XX or later(*23) | | | |
| | | iSCSI | 83-01-01-20/XX or later | | | |
| | Hitachi Virtual Storage Platform G400 | Fibre Channel | 83-01-01-40/XX or later | | | |
| | | Fibre Channel | 83-01-2X-40/XX or later(*23) | | | |
| | | iSCSI | 83-01-01-40/XX or later | | | |
| | Hitachi Virtual Storage Platform G600 | Fibre Channel | 83-01-01-40/XX or later | | | |
| | | Fibre Channel | 83-01-2X-40/XX or later(*23) | | | |
| | | iSCSI | 83-01-01-40/XX or later | | | |
| | Hitachi Virtual Storage Platform G800 | Fibre Channel | 83-01-2X-60/XX or later | | | |
| | | iSCSI | 83-01-2X-60/XX or later | | | |
| | Hitachi Virtual Storage Platform F400 | Fibre Channel | 83-02-01-40/XX or later | | 27 | 27 |
| | | | 83-03-01-40/XX or later | | | |
| | | iSCSI | 83-02-01-40/XX or later | | 27 | 27 |
| | Hitachi Virtual Storage Platform F600 | | 83-03-01-40/XX or later | | | |
| | | Fibre Channel | 83-02-01-40/XX or later | | 27 | 27 |
| | | iSCSI | 83-03-01-40/XX or later | | | |
| | Hitachi Virtual Storage Platform F800 | Fibre Channel | 83-02-01-60/XX or later | | 27 | 27 |
| | | | 83-03-01-60/XX or later | | | |
| | | iSCSI | 83-02-01-60/XX or later | | 27 | 27 |
| | | | 83-03-01-60/XX or later | | | |
| | | Fibre Channel | 73-01-0X-XX/XX or later | | | |
| | | Fibre Channel | 50-03-94-XX/XX or later | | | |
| | Hitachi Network Storage Controller NSC55 | iSCSI | 50-06-13-XX/XX or later | | | |
| | Hitachi Thunder 9530V | Fibre Channel | 0651/D or later | | | |
| | Hitachi Thunder 9570V | Fibre Channel | 0651/D or later | | | |
| | Hitachi Thunder 9580V | Fibre Channel | 1654/A or later | | | |
| | Hitachi Adaptable Modular Storage AMS200 | Fibre Channel | 0712/A or later | | | |
| | Hitachi Adaptable Modular Storage AMS500 | iSCSI | 0732/A or later | | | |
| | Hitachi Adaptable Modular Storage AMS1000 | Fibre Channel | 0712/A or later | | | |
| | | iSCSI | 0732/A or later | | | |
| | Hitachi Adaptable Modular Storage AMS2100 | Fibre Channel | 0832/E or later | | | |
| | | iSCSI | 0846/A or later | | | |
| | Hitachi Adaptable Modular Storage AMS2300 | Fibre Channel | 0832/E or later | | | |
| | | iSCSI | 0846/A or later | | | |
| | Hitachi Adaptable Modular Storage AMS2500 | Fibre Channel | 0832/E or later | | | |
| | | iSCSI | 0846/A or later | | | |
| | Hitachi Workgroup Modular Storage WMS100 | Fibre Channel | 0720/A or later | | | |
| | | iSCSI | 0732/A or later | | | |
| | Hitachi Unified Storage 110 | Fibre Channel | 0915/A or later | | | |
| | | iSCSI | 0915/A or later | | | |
| | Hitachi Unified Storage 130 | Fibre Channel | 0915/A or later | | | |
| | | iSCSI | 0915/A or later | | | |
| | Hitachi Unified Storage 150 | Fibre Channel | 0915/A or later | | | |
| | | iSCSI | 0915/A or later | | | |
| | SMS 100 | Fibre Channel | 1810/N or later | | | |
| | | iSCSI | | | | |
| | EMC Symmetrix DMX Series | Fibre Channel | | 4 | 4 | 4 |
| | EMC CLARiiON CX Series | Fibre Channel | | 10, 11 | 10, 11 | 10, 11 |
| | HP StorageWorks XP128 Disk Array | Fibre Channel | 21-03-03-XX/XX or later | | | |
| | HP StorageWorks XP1024 Disk Array | Fibre Channel | 21-03-03-XX/XX or later | | | |
| | HP StorageWorks XP10000 Disk Array | Fibre Channel | 50-03-94-XX/XX or later | | | |
| | HP StorageWorks XP12000 Disk Array | Fibre Channel | 50-03-94-XX/XX or later | | | |
| | HP StorageWorks XP20000 Disk Array | Fibre Channel | 60-01-61-XX/XX or later | | | |
| | HP StorageWorks XP24000 Disk Array | Fibre Channel | 60-01-XX-XX/XX or later | | | |
| | HP StorageWorks P9500 Disk Array | Fibre Channel | 70-01-00-XX/XX or later | | | |
| | | Fibre Channel over Ethernet | 70-02-00-XX/XX or later | | | |
| | HP XP7 Storage | Fibre Channel | 80-01-2X-XX/XX or later | 20 | 20 | 20 |
| | | Fibre Channel over Ethernet | 80-02-0X-XX/XX or later | 20 | 20 | 20 |
| | | Fibre Channel | 80-02-4X-XX/XX or later | 25 | 25 | 25 |
| | SVS | Fibre Channel | 50-07-01-XX/XX or later | | | |
| | HP EVA Series | Fibre Channel | | 12, 17 | 12, 17 | 12, 17 |
| Exclusive Products | Hitachi Path Manager | | | 7 | 7 | 7 |
| | VxVM-DMP | | | 7 | 7 | 7 |
| | PowerPath | | | 7 | 7 | 7 |
| | SDD | | | 7 | 7 | 7 |
| | HDLM for VMware | | | | | |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|--|
| 1 | See the HBA vendor's support matrix to determine which HBAs and drivers support SAN Boot. HDLM supports all of the specified HBAs and drivers. |
| 2 | This is supported by the following OSs: - Windows 2000 SP4 (IA32 / x86) - Windows 2003 (x86 and x64) - Windows 2003 SP1 (IA32 / x86) with MSCS only - Windows 2003 R2 (x86 and x64) - Windows 2003 R2 SP2 (x64) |
| 3 | This is only supported in the following versions: Standard Edition x64, Enterprise Edition x64, and Datacenter Edition x64 This is only supported on the following conditions: - HDLM can be used only on the host OS. HDLM cannot be used on the guest OS. - Clustering cannot be used with the guest OS. The guest OS must be used in a standalone configuration. |
| 4 | The evaluation of EMC DMX3000 has been completed in the following environments: OS: Windows 2003 SP1 and later (IA32 / x86) Windows 2003 SP1 and later (Itanium / IA64) Microcode version: 5670.83 Failover Mode: 1 |
| 5 | Update installation is available in HDLM 5.5.0 and later. |
| 6 | In Itanium / IA64 environments, the boot disk must be GPT. |
| 7 | This product is mutually exclusive with HDLM. |
| 8 | In Windows Server 2008, HDLM can be upgraded while multipath is configured. |
| 9 | In Windows Server 2003 SP1 or later (including R2), HDLM can be upgraded while multipath is configured. |
| 10 | The evaluation of EMC CX700 has been completed in the following environments: OS: Windows 2003 SP1 and later (IA32 / x86) Windows 2003 (x64) Windows 2003 SP1 and later (Itanium / IA64) Microcode version: 02.07.700.5.021 Failover Mode: 1 When using the EMC CX series with Failover Mode 1, connect only one storage system port to the switch, and then connect the switch to the server in a multipath configuration. |
| 11 | The evaluation of EMC CX3-10 with Failover Mode 2 has been completed in the following environments: OS: Windows 2003 SP2 (x64) Microcode version: 03.26.010.5.019 Failover Mode: 2 The evaluation of EMC CX3-10 with Failover Mode 1 has been completed in the following environments: OS: Windows 2008 (IA32 / x86) Windows 2008 (x64) Windows 2008 (Itanium / IA64) Microcode version: 03.26.010.5.019 Failover Mode: 1 When using the EMC CX series with Failover Mode 1, connect only one storage system port to the switch, and then connect the switch to the server in a multipath configuration. |
| 12 | The evaluation of HP EVA8000 has been completed in the following environments: OS: Windows 2003 SP1 and later (IA32 / x86) Windows 2003 (x64) Windows 2003 SP1 and later (Itanium / IA64) |
| 13 | This is supported by the following OSs: - Windows 2008 and later (IA32/x86 and x64) - Windows 2008 R2 (x64) |
| 14 | HDLM 6.6.0 or later is required for the disk number display. |
| 15 | Microprogram version 08B8/D or later is required for using Dynamic I/O Path Control on the Hitachi AMS2000 series/Hitachi SMS series. |
| 16 | Supported with some conditions customer-by-customer basis (SUI 044226). Please contact appropriate person in HDS. |
| 17 | The evaluation of HP EVA6400/4400 has been completed in the following environments: OS: Windows 2008 R2 x64 Windows 2008 R2 x64 SP1 |
| 18 | This is only supported by Windows 2003 R2 SP2 if you use Windows 2003 environments. |
| 19 | Global-active devices are supported. |
| 20 | High Availability is supported. |
| 21 | A refresh operation that reflects the setting of the non-preferred path option to HDLM is supported when a global-active device (called the High Availability feature in the case of XP7) is used. |
| 22 | For information about functional restrictions, see the HAM User Guide. |
| 23 | Apply this version when a global-active device is used. |
| 24 | When you use a normal VOL as a global-active device pair VOL, use this version. |
| 25 | When you use a normal VOL as a High Availability pair VOL, use this version. |
| 26 | Supported OSs in a HAM environment are listed below: Windows Server 2008(x86/x64/IPF) Windows Server 2008 R2(x64/IPF) Windows Server 2012(x64) Windows Server 2012 R2(x64) Supported cluster software in a HAM environment is listed below: Windows Server 2008(x86/x64) SP2 Microsoft Failover Cluster Windows Server 2008 R2(x64/IPF) NoSP/SP1 Microsoft Failover Cluster Windows Server 2012 (x64) NoSP Microsoft Failover Cluster (*1) Windows Server 2012 R2 (x64) NoSP Microsoft Failover Cluster (*1) *1: A Cluster Shared Volume (CSV) is not supported. |
| 27 | The dlnmgr command, HDLM GUI and HGLM display "VSP_Gx00" as the model ID of the storage system. |

IMPORTANT NOTE

HDLM is dependent only on the driver version, not the HBA model. For this reason, specific HBA models are no longer listed, just driver versions. So if the HBA driver version is supported, then HDLM is supported. This also means that OEM versions are supported, as long as the driver is supported.

All drivers applied to Hitachi HBA cards for Hitachi Compute Blade are supported.

| Windows 2003 (IA32 / x86) | | | | HDLM Version | | |
|---------------------------|---------------|---------------------------|-------------------------|--------------|-------|-------|
| OS | HBA | | Driver | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows 2003 (IA32 / x86) | Fibre Channel | Emulex | SCSI Miniport 5-5.00a10 | | | |
| | | | SCSI Miniport 5.01a0 | | | |
| | | | SCSI Miniport 5.10a10 | | | |
| | | | SCSI Miniport 5.20a9 | | | |
| | | | STOR Miniport 5-1.00a15 | | | |
| | | | STOR Miniport 1.02a3 | | | |
| | | | STOR Miniport 1.03a9 | | | |
| | | | STOR Miniport 1.10a4 | | | |
| | | | STOR Miniport 1.20a3 | | | |
| | | | STOR Miniport 2.01a4 | | | |
| | | | STOR Miniport 2.50.007 | | | |
| | | QLogic | SCSI Miniport 9.0.1.10 | | | |
| | | | SCSI Miniport 9.0.1.12 | | | |
| | | | SCSI Miniport 9.1.0.11 | | | |
| | | | STOR Miniport 9.0.2.16 | | | |
| | | | STOR Miniport 9.1.0.15 | | | |
| | | | STOR Miniport 9.1.0.16 | | | |
| | | | STOR Miniport 9.1.2.19 | | | |
| | | | STOR Miniport 9.1.3.16 | | | |
| | | STOR Miniport 9.1.4.15 | | | | |
| | | HP | SCSI Miniport 9.1.3.11 | | | |
| | | | STOR Miniport 1.02a7 | | | |
| | iSCSI HBA/CNA | Hitachi | STOR Miniport 1.11a1 | | | |
| | | IBM | Bundle | | | |
| | | Adaptec | STOR Miniport 9.1.0.16 | | | |
| | | | 1.2 | | | |
| | Intel | Microsoft Initiator 1.05a | | | | |
| | | Microsoft Initiator 2.0 | | | | |
| | | Microsoft Initiator 2.01 | | | | |
| | | Microsoft Initiator 2.02 | | | | |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|---|
| 1 | All drivers applied to Hitachi HBA cards for Hitachi Compute Blade are supported. |

| Windows 2003 (Itanium / IA64) | | | HDLM Version | | | |
|-------------------------------|---------------|--------|------------------------|-------|-------|-------|
| OS | HBA | | Driver | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows 2003 (Itanium / IA64) | Fibre Channel | Emulex | SCSI Miniport 5.00a10 | | | |
| | | | SCSI Miniport 5.00a11 | | | |
| | | | SCSI Miniport 5.10a10 | | | |
| | | | STOR Miniport 1.00a15 | | | |
| | | | STOR Miniport 1.01a9 | | | |
| | | | STOR Miniport 1.02a3 | | | |
| | | | STOR Miniport 1.10a4 | | | |
| | | | STOR Miniport 1.20a3 | | | |
| | | | STOR Miniport 1.30a6 | | | |
| | | QLogic | SCSI Miniport 8.2.3.11 | | | |
| | | | SCSI Miniport 9.0.1.10 | | | |
| | | | SCSI Miniport 9.0.1.12 | | | |
| | | | SCSI Miniport 9.1.2.11 | | | |
| | | | STOR Miniport 9.1.2.19 | | | |

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|---------------|--|
| Supported | |
| Not Supported | |

| Windows 2003 (X64 / x86_64) | | | | HDLM Version | | |
|-----------------------------|-----------------------------|-----------|--------------------------|--------------|-------|-------|
| OS | HBA | | Driver | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows 2003 (X64 / x86_64) | Fibre Channel | Emulex | STOR Miniport 1.10a4 | | | |
| | | | STOR Miniport 1.11a0 | | | |
| | | | STOR Miniport 1.11a1 | | | |
| | | | STOR Miniport 1.11a3 | | | |
| | | | STOR Miniport 1.10x1 | | | |
| | | | STOR Miniport 1.20a3 | | | |
| | | | STOR Miniport 1.20a7 | | | |
| | | | STOR Miniport 1.30a9 | | | |
| | | | STOR Miniport 2.00a12 | | | |
| | | | STOR Miniport 2.01a4 | | | |
| | | Qlogic | SCSI Miniport 9.1.0.11 | | | |
| | | | STOR Miniport 9.1.0.16 | | | |
| | | | STOR Miniport 9.1.0.18 | | | |
| | | | STOR Miniport 9.1.2.16 | | | |
| | | | STOR Miniport 9.1.2.19 | | | |
| | | | STOR Miniport 9.1.3.16 | | | |
| | | | STOR Miniport 9.1.4.15 | | | |
| | | | STOR Miniport 9.1.7.16 | | | |
| | | | STOR Miniport 9.1.7.17 | | | |
| | | | STOR Miniport 9.1.8.25 | | | |
| | | | STOR Miniport 9.1.8.27 | | | |
| | | HP | STOR Miniport 1.10x1 | | | |
| | | | STOR Miniport 1.11x1 | | | |
| | STOR Miniport 9.1.3.18 | | | | | |
| | STOR Miniport 9.1.8.17 | | | | | |
| | | Hitachi | Bundle | | | |
| | iSCSI HBA/CNA | Microsoft | Microsoft Initiator 2.05 | | | |
| | | | Microsoft Initiator 2.07 | | | |
| | Fibre Channel over Ethernet | QLogic | STOR Miniport 2.1.4.19 | | | |

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|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|---|
| 1 | All drivers applied to Hitachi HBA cards for Hitachi Compute Blade are supported. |

| Windows 2003 SP1 (IA32 / x86) | | | HDLM Version | | |
|-------------------------------|---------------|-----------|--------------------------|-------|-------|
| OS | HBA | Driver | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows 2003 SP1 (IA32 / x86) | Fibre Channel | Emulex | SCSI Miniport 5.10a9 | | |
| | | | SCSI Miniport 5.10a10 | | |
| | | | SCSI Miniport 5.20a8 | | |
| | | | SCSI Miniport 5.20a9 | | |
| | | | SCSI Miniport 5.30a2 | | |
| | | | STOR Miniport 1.10a4 | | |
| | | | STOR Miniport 1.10x1 | | |
| | | | STOR Miniport 1.11a0 | | |
| | | | STOR Miniport 1.11a1 | | |
| | | | STOR Miniport 1.11a3 | | |
| | | | STOR Miniport 1.20a3 | | |
| | | | STOR Miniport 1.20a7 | | |
| | | | STOR Miniport 1.30a6 | | |
| | | | STOR Miniport 1.30a9 | | |
| | | | STOR Miniport 2.00a12 | | |
| | | | STOR Miniport 2.01a4 | | |
| | | QLogic | SCSI Miniport 9.0.0.12 | | |
| | | | SCSI Miniport 9.0.1.12 | | |
| | | | SCSI Miniport 9.0.2.11 | | |
| | | | SCSI Miniport 9.1.0.11 | | |
| | | | SCSI Miniport 9.1.0.13 | | |
| | | | SCSI Miniport 9.1.2.11 | | |
| | | | SCSI Miniport 9.1.3.11 | | |
| | | | STOR Miniport 9.0.2.16 | | |
| | | | STOR Miniport 9.1.0.16 | | |
| | | | STOR Miniport 9.1.2.16 | | |
| | | | STOR Miniport 9.1.2.17 | | |
| | | | STOR Miniport 9.1.2.19 | | |
| | | | STOR Miniport 9.1.3.16 | | |
| | | | STOR Miniport 9.1.4.15 | | |
| | | | STOR Miniport 9.1.7.16 | | |
| | | | STOR Miniport 9.1.7.18 | | |
| | | | STOR Miniport 9.1.8.19 | | |
| | | | STOR Miniport 9.1.8.25 | | |
| | | | STOR Miniport 9.1.9.26 | | |
| | | HP | SCSI Miniport 8.2.3.11 | | |
| | | | STOR Miniport 9.1.0.18 | | |
| | | | STOR Miniport 9.1.7.17 | | |
| | | | STOR Miniport 9.1.8.25 | | |
| | | | STOR Miniport 9.1.8.27 | | |
| | | IBM | STOR Miniport 9.1.9.26 | | |
| | | | SCSI Miniport 9.0.1.93 | | |
| | | | SCSI Miniport 9.1.0.60 | | |
| | | | SCSI Miniport 9.1.2.14 | | |
| | | | STOR Miniport 9.1.0.15 | | |
| | | Hitachi | Bundle | | |
| | iSCSI HBA/CNA | Microsoft | Microsoft Initiator 2.0 | | |
| | | | Microsoft Initiator 2.01 | | |
| | | | Microsoft Initiator 2.02 | | |
| | | | Microsoft Initiator 2.05 | | |
| | | | Microsoft Initiator 2.07 | | |
| | iSCSI | QLogic | STOR Miniport 2.1.0.8 | | |
| | | | STOR Miniport 2.1.2.5 | | |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|--|
| 1 | All drivers applied to Hitachi HBA cards for Hitachi Compute Blade are supported. |
| 2 | Microsoft iSCSI Initiator is required. |
| | When using this driver with HDLM, delete the following registry data: HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\ql2300\Parameters\Device Value: DriverParameter |
| 3 | Data: buschange=0 |

| Windows 2003 SP1 (Itanium / IA64) | | | HDLM Version | | |
|-----------------------------------|---------------|------------------------|--------------------------|-------|-------|
| | | | 8.2.0 | 8.2.1 | 8.4.0 |
| OS | HBA | | Driver | | |
| Windows 2003 SP1 (Itanium / IA64) | Fibre Channel | Emulex | SCSI Miniport 5.10a10 | | |
| | | | SCSI Miniport 5.20a8 | | |
| | | | SCSI Miniport 5.20a9 | | |
| | | | STOR Miniport 1.10a4 | | |
| | | | STOR Miniport 1.11a0 | | |
| | | | STOR Miniport 1.11a3 | | |
| | | | STOR Miniport 1.20a3 | | |
| | | | STOR Miniport 1.20a7 | | |
| | | | STOR Miniport 1.30a6 | | |
| | | | STOR Miniport 1.30a9 | | |
| | | | STOR Miniport 2.00a12 | | |
| | | | STOR Miniport 2.01a4 | | |
| | | QLogic | SCSI Miniport 9.0.1.12 | | |
| | | | SCSI Miniport 9.1.2.11 | | |
| | | | STOR Miniport 9.0.2.16 | | |
| | | | STOR Miniport 9.1.2.16 | | |
| | | | STOR Miniport 9.1.2.19 | | |
| | | STOR Miniport 9.1.4.15 | | | |
| | iSCSI HBA/CNA | Intel | Microsoft Initiator 2.05 | | |

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| Supported | |
| Not Supported | |

| Windows 2003 SP2 (IA32 / x86) | | | | HDLM Version | | | | |
|-------------------------------|-----------------------------|------------------------|--------------------------|--------------|-------|-------|--|--|
| OS | HBA | | Driver | 8.2.0 | 8.2.1 | 8.4.0 | | |
| Windows 2003 SP2 (IA32 / x86) | Fibre Channel | Emulex | SCSI Miniport 5.10a9 | | | | | |
| | | | SCSI Miniport 5.10a10 | | | | | |
| | | | SCSI Miniport 5.30a2 | | | | | |
| | | | STOR Miniport 1.11a0 | | | | | |
| | | | STOR Miniport 1.20a3 | | | | | |
| | | | STOR Miniport 1.20a7 | | | | | |
| | | | STOR Miniport 1.30a6 | | | | | |
| | | | STOR Miniport 1.30a9 | | | | | |
| | | | STOR Miniport 2.00a12 | | | | | |
| | | | STOR Miniport 2.01a4 | | | | | |
| | | | STOR Miniport 2.10a7 | | | | | |
| | | | STOR Miniport 2.20.006 | | | | | |
| | | | STOR Miniport 2.30.020 | | | | | |
| | | | STOR Miniport 2.32.002 | | | | | |
| | | | STOR Miniport 2.33.008 | | | | | |
| | | | STOR Miniport 2.41.003 | | | | | |
| | | | STOR Miniport 2.50.007 | | | | | |
| | | | STOR Miniport 2.70.018 | | | | | |
| | | QLogic | SCSI Miniport 9.1.0.11 | | | | | |
| | | | SCSI Miniport 9.1.0.13 | | | | | |
| | | | SCSI Miniport 9.1.3.11 | | | | | |
| | | | SCSI Miniport 9.1.4.10 | | | | | |
| | | | STOR Miniport 9.0.2.16 | | | | | |
| | | | STOR Miniport 9.1.0.16 | | | | | |
| | | | STOR Miniport 9.1.2.16 | | | | | |
| | | | STOR Miniport 9.1.2.19 | | | | | |
| | | | STOR Miniport 9.1.3.16 | | | | | |
| | | | STOR Miniport 9.1.4.6 | | | | | |
| | | | STOR Miniport 9.1.4.15 | | | | | |
| | | | STOR Miniport 9.1.7.16 | | | | | |
| | | | STOR Miniport 9.1.7.18 | | | | | |
| | | | STOR Miniport 9.1.8.19 | | | | | |
| | | | STOR Miniport 9.1.8.25 | | | | | |
| | | | STOR Miniport 9.1.8.35 | | | | | |
| | | | STOR Miniport 9.1.9.26 | | | | | |
| | | HP | STOR Miniport 2.70.018 | | | | | |
| | | | STOR Miniport 9.1.3.16 | | | | | |
| | | | STOR Miniport 9.1.3.18 | | | | | |
| | | | STOR Miniport 9.1.7.17 | | | | | |
| | | | STOR Miniport 9.1.7.65 | | | | | |
| | | | STOR Miniport 9.1.8.25 | | | | | |
| | | | STOR Miniport 9.1.8.27 | | | | | |
| | | STOR Miniport 9.1.8.28 | | | | | | |
| | | STOR Miniport 9.1.9.26 | | | | | | |
| | | Hitachi | Bundle | | | | | |
| | | IBM | STOR Miniport 9.1.7.18 | | | | | |
| | | | STOR Miniport 9.1.7.55 | | | | | |
| | | | STOR Miniport 9.1.8.25 | | | | | |
| | | | STOR Miniport 9.1.8.35 | | | | | |
| | | | STOR Miniport 9.1.9.25 | | | | | |
| | | Brocade | 1.0.0-06 | | | | | |
| | | | 1.1.0.1 | | | | | |
| | | | 2.1.0.0 | | | | | |
| | | | 2.2.0.0 | | | | | |
| | | | 2.3.0.0 | | | | | |
| | | 3.0.0.0 | | | | | | |
| | iSCSI HBA/CNA | Microsoft | Microsoft Initiator 2.05 | | | | | |
| | Microsoft Initiator 2.07 | | | | | | | |
| | Fibre Channel over Ethernet | Emulex | STOR Miniport 2.10a7 | | | | | |
| | | | STOR Miniport 2.32.002 | | | | | |
| | | QLogic | STOR Miniport 2.70.018 | | | | | |
| | | | STOR Miniport 2.1.4.19 | | | | | |
| | | Brocade | STOR Miniport 9.1.7.18 | | | | | |
| | | | STOR Miniport 2.2.0.0 | | | | | |

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| Supported | |
| Not Supported | |

| Notes | |
|-------|---|
| 1 | All drivers applied to Hitachi HBA cards for Hitachi Compute Blade are supported. |

| Windows 2003 SP2 (Itanium / IA64) | | | | HDLM Version | | |
|-----------------------------------|---------------|--------|--------------------------|--------------|-------|-------|
| OS | HBA | | Driver | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows 2003 SP2 (Itanium / IA64) | Fibre Channel | Emulex | STOR Miniport 1.20a3 | | | |
| | | | STOR Miniport 1.20a7 | | | |
| | | | STOR Miniport 1.30a6 | | | |
| | | | STOR Miniport 1.30a9 | | | |
| | | | STOR Miniport 2.00a12 | | | |
| | | | STOR Miniport 2.01a4 | | | |
| | | | STOR Miniport 2.20.006 | | | |
| | | | STOR Miniport 2.33.008 | | | |
| | | | STOR Miniport 2.50.007 | | | |
| | | QLogic | STOR Miniport 9.1.0.16 | | | |
| | | | STOR Miniport 9.1.2.19 | | | |
| | | | STOR Miniport 9.1.4.15 | | | |
| | | HP | STOR Miniport 9.1.0.16 | | | |
| | | | STOR Miniport 9.1.7.17 | | | |
| | iSCSI HBA/CNA | Intel | Microsoft Initiator 2.05 | | | |

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| Supported | |
| Not Supported | |

| Windows 2003 SP2 (X64 / x86_64) | | | | HDLM Version | | |
|---------------------------------|-----------------------------|------------------------|--------------------------|--------------|-------|-------|
| OS | HBA | | Driver | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows 2003 SP2 (X64 / x86_64) | Fibre Channel | Emulex | STOR Miniport 1.20a3 | | | |
| | | | STOR Miniport 1.20a7 | | | |
| | | | STOR Miniport 1.30a9 | | | |
| | | | STOR Miniport 2.00a12 | | | |
| | | | STOR Miniport 2.01a4 | | | |
| | | | STOR Miniport 2.10a7 | | | |
| | | | STOR Miniport 2.20.006 | | | |
| | | | STOR Miniport 2.30.020 | | | |
| | | | STOR Miniport 2.32.002 | | | |
| | | | STOR Miniport 2.33.008 | | | |
| | | | STOR Miniport 2.41.002 | | | |
| | | | STOR Miniport 2.41.003 | | | |
| | | | STOR Miniport 2.50.007 | | | |
| | | | STOR Miniport 2.70.018 | | | |
| | | QLogic | SCSI Miniport 9.1.0.11 | | | |
| | | | STOR Miniport 9.1.0.16 | | | |
| | | | STOR Miniport 9.1.0.18 | | | |
| | | | STOR Miniport 9.1.2.16 | | | |
| | | | STOR Miniport 9.1.2.19 | | | |
| | | | STOR Miniport 9.1.3.16 | | | |
| | | | STOR Miniport 9.1.3.18 | | | |
| | | | STOR Miniport 9.1.4.15 | | | |
| | | | STOR Miniport 9.1.7.16 | | | |
| | | | STOR Miniport 9.1.7.17 | | | |
| | | | STOR Miniport 9.1.7.18 | | | |
| | | | STOR Miniport 9.1.8.16 | | | |
| | | | STOR Miniport 9.1.8.17 | | | |
| | | | STOR Miniport 9.1.8.19 | | | |
| | | | STOR Miniport 9.1.8.25 | | | |
| | | | STOR Miniport 9.1.8.27 | | | |
| | | | STOR Miniport 9.1.9.25 | | | |
| | | | STOR Miniport 9.1.9.26 | | | |
| | | HP | STOR Miniport 2.70.018 | | | |
| | | | STOR Miniport 9.1.9.25 | | | |
| | | | STOR Miniport 9.1.9.26 | | | |
| | | Hitachi | STOR Miniport 9.1.9.45 | | | |
| | | | Bundle | | | |
| | | Brocade | 1.0.0-06 | | | |
| | | | 1.1.0.1 | | | |
| | | | 2.1.0.0 | | | |
| | | | 2.2.0.0 | | | |
| | | | 2.3.0.0 | | | |
| | | | 2.3.0.0 | | | |
| | | | 3.0.0.0 | | | |
| | | IBM | STOR Miniport 9.1.7.55 | | | |
| | | | STOR Miniport 9.1.8.25 | | | |
| | iSCSI HBA/CNA | Microsoft | Microsoft Initiator 2.05 | | | |
| | Microsoft Initiator 2.07 | | | | | |
| | Fibre Channel over Ethernet | Emulex | STOR Miniport 2.10a7 | | | |
| | | | STOR Miniport 2.32.002 | | | |
| | | | STOR Miniport 2.70.018 | | | |
| | | QLogic | STOR Miniport 2.1.4.19 | | | |
| | | | STOR Miniport 9.1.7.18 | | | |
| | | | STOR Miniport 9.1.9.15 | | | |
| | | Brocade | STOR Miniport 2.2.0.0 | | | |
| | HP | STOR Miniport 2.50.007 | | | | |

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| Supported | |
| Not Supported | |

| Notes | |
|-------|---|
| 1 | All drivers applied to Hitachi HBA cards for Hitachi Compute Blade are supported. |

| Windows 2003 R2 (IA32 / x86) | | | | HDLM Version | | |
|--|---------------|-----------|---------------------------|--------------|-------|-------|
| OS | HBA | | Driver | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows 2003 R2 (IA32 / x86) | Fibre Channel | Emulex | SCSI Miniport 5.10.a9 | | | |
| | | | SCSI Miniport 5.10a10 | | | |
| | | | SCSI Miniport 5.20a8 | | | |
| | | | SCSI Miniport 5.20a9 | | | |
| | | | SCSI Miniport 5.30a2 | | | |
| | | | STOR Miniport 1.10a4 | | | |
| | | | STOR Miniport 1.11a0 | | | |
| | | | STOR Miniport 1.11a1 | | | |
| | | | STOR Miniport 1.11a3 | | | |
| | | | STOR Miniport 1.20a3 | | | |
| | | | STOR Miniport 1.20a7 | | | |
| | | | STOR Miniport 1.30a9 | | | |
| | | | STOR Miniport 2.00a12 | | | |
| | | | STOR Miniport 2.01a4 | | | |
| | | | STOR Miniport 2.33.008 | | | |
| | | QLogic | SCSI Miniport 9.0.1.12 | | | |
| | | | SCSI Miniport 9.0.2.11 | | | |
| | | | SCSI Miniport 9.1.0.11 | | | |
| | | | SCSI Miniport 9.1.0.13 | | | |
| | | | SCSI Miniport 9.1.2.11 | | | |
| | | | SCSI Miniport 9.1.3.11 | | | |
| | | | STOR Miniport 9.0.2.16 | | | |
| | | | STOR Miniport 9.1.0.16 | | | |
| | | | STOR Miniport 9.1.2.16 | | | |
| | | | STOR Miniport 9.1.2.17 | | | |
| | | | STOR Miniport 9.1.2.19 | | | |
| | | | STOR Miniport 9.1.3.16 | | | |
| | | | STOR Miniport 9.1.4.15 | | | |
| | | | STOR Miniport 9.1.7.16 | | | |
| | | | STOR Miniport 9.1.7.18 | | | |
| | | | STOR Miniport 9.1.8.19 | | | |
| | | | STOR Miniport 9.1.8.25 | | | |
| | | | STOR Miniport 9.1.9.26 | | | |
| | | HP | STOR Miniport 9.1.0.18 | | | |
| | | | STOR Miniport 9.1.7.17 | | | |
| | | | STOR Miniport 9.1.8.25 | | | |
| | | | STOR Miniport 9.1.8.27 | | | |
| | | IBM | STOR Miniport 9.1.9.26 | | | |
| | | | SCSI Miniport 9.0.1.93 | | | |
| | | | SCSI Miniport 9.1.0.60 | | | |
| | | Hitachi | SCSI Miniport 9.1.2.14 | | | |
| | | | Bundle | | | |
| | iSCSI HBA/CNA | Microsoft | Microsoft Initiator v2.0 | | | |
| | | | Microsoft Initiator v2.01 | | | |
| | | | Microsoft Initiator v2.02 | | | |
| | | | Microsoft Initiator v2.05 | | | |
| | | | Microsoft Initiator v2.07 | | | |
| | | QLogic | STOR Miniport 2.1.0.8 | | | |
| | | | STOR Miniport 2.1.2.5 | | | |
| Supported | | | | | | |
| Not Supported | | | | | | |
| Notes | | | | | | |
| 1 All drivers applied to Hitachi HBA cards for Hitachi Compute Blade are supported. | | | | | | |
| 2 Microsoft iSCSI Initiator is required. | | | | | | |
| 3 When using this driver with HDLM, delete the following registry data: HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\ql2300\Parameters\Device Value: DriverParameter Data: buschange=0 | | | | | | |

| Windows 2003 R2 (X64 / x86_64) | | | HDLM Version | | |
|--------------------------------|-----------------------------|---------------|------------------------|---------------------------|-------|
| OS | HBA | Driver | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows 2003 R2 (X64 / x86_64) | Fibre Channel | Emulex | STOR Miniport 1.10a4 | | |
| | | | STOR Miniport 1.11a0 | | |
| | | | STOR Miniport 1.11a1 | | |
| | | | STOR Miniport 1.11a3 | | |
| | | | STOR Miniport 1.20a3 | | |
| | | | STOR Miniport 1.20a7 | | |
| | | | STOR Miniport 1.30a9 | | |
| | | | STOR Miniport 2.00a12 | | |
| | | | STOR Miniport 2.01a4 | | |
| | | | STOR Miniport 2.33.008 | | |
| | | QLogic | SCSI Miniport 9.1.0.11 | | |
| | | | STOR Miniport 9.0.2.16 | | |
| | | | STOR Miniport 9.1.0.16 | | |
| | | | STOR Miniport 9.1.0.18 | | |
| | | | STOR Miniport 9.1.2.16 | | |
| | | | STOR Miniport 9.1.2.19 | | |
| | | | STOR Miniport 9.1.3.16 | | |
| | | | STOR Miniport 9.1.4.15 | | |
| | | | STOR Miniport 9.1.7.16 | | |
| | | | STOR Miniport 9.1.8.17 | | |
| | | | STOR Miniport 9.1.8.19 | | |
| | | | STOR Miniport 9.1.8.25 | | |
| | | | STOR Miniport 9.1.8.27 | | |
| | | | STOR Miniport 9.1.9.26 | | |
| | | HP | STOR Miniport 1.11x1 | | |
| | | | STOR Miniport 9.1.7.17 | | |
| | | | STOR Miniport 9.1.7.18 | | |
| | | Hitachi | Bundle | | |
| | | SUN | STOR Miniport 9.1.4.15 | | |
| | | iSCSI HBA/CNA | Microsoft | Microsoft Initiator v2.05 | |
| | Microsoft Initiator v2.07 | | | | |
| | Fibre Channel over Ethernet | QLogic | STOR Miniport 2.1.4.19 | | |
| | | | STOR Miniport 9.1.8.26 | | |
| | | HP | STOR Miniport 2.33.008 | | |
| | Supported | | | | |
| Not Supported | | | | | |

| Notes | |
|-------|---|
| 1 | All drivers applied to Hitachi HBA cards for Hitachi Compute Blade are supported. |

| Windows 2003 R2 SP2 (IA32 / x86) | | | HDLM Version | | | |
|----------------------------------|-----------------------------|---------------|---------------------------|---------------------------|-------|-------|
| OS | HBA | | Driver | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows 2003 R2 SP2 (IA32 / x86) | Fibre Channel | Emulex | SCSI Miniport 5.10a9 | | | |
| | | | SCSI Miniport 5.30a2 | | | |
| | | | STOR Miniport 1.11a0 | | | |
| | | | STOR Miniport 1.20a3 | | | |
| | | | STOR Miniport 1.20a7 | | | |
| | | | STOR Miniport 1.30a9 | | | |
| | | | STOR Miniport 2.00a12 | | | |
| | | | STOR Miniport 2.01a4 | | | |
| | | | STOR Miniport 2.10a7 | | | |
| | | | STOR Miniport 2.20.006 | | | |
| | | | STOR Miniport 2.30.020 | | | |
| | | | STOR Miniport 2.32.002 | | | |
| | | | STOR Miniport 2.33.008 | | | |
| | | | STOR Miniport 2.50.007 | | | |
| | | | STOR Miniport 2.70.018 | | | |
| | | QLogic | SCSI Miniport 9.1.0.11 | | | |
| | | | SCSI Miniport 9.1.0.13 | | | |
| | | | SCSI Miniport 9.1.3.11 | | | |
| | | | SCSI Miniport 9.1.4.10 | | | |
| | | | STOR Miniport 9.1.0.16 | | | |
| | | | STOR Miniport 9.1.0.18 | | | |
| | | | STOR Miniport 9.1.2.16 | | | |
| | | | STOR Miniport 9.1.2.19 | | | |
| | | | STOR Miniport 9.1.3.16 | | | |
| | | | STOR Miniport 9.1.4.15 | | | |
| | | | STOR Miniport 9.1.7.16 | | | |
| | | | STOR Miniport 9.1.7.18 | | | |
| | | | STOR Miniport 9.1.8.19 | | | |
| | | | STOR Miniport 9.1.8.25 | | | |
| | | | STOR Miniport 9.1.8.35 | | | |
| | | | STOR Miniport 9.1.9.26 | | | |
| | | | STOR Miniport 9.1.9.49 | | | |
| | | HP | STOR Miniport 2.70.018 | | | |
| | | | STOR Miniport3.0.0.0 | | | |
| | | | STOR Miniport 9.1.0.18 | | | |
| | | | STOR Miniport 9.1.3.18 | | | |
| | | | STOR Miniport 9.1.6.15 | | | |
| | | | STOR Miniport 9.1.7.17 | | | |
| | | | STOR Miniport 9.1.7.65 | | | |
| | | | STOR Miniport 9.1.8.25 | | | |
| | | | STOR Miniport 9.1.8.27 | | | |
| | | | STOR Miniport 9.1.9.25 | | | |
| | | IBM | STOR Miniport 9.1.9.26 | | | |
| | | | STOR Miniport 2.70.018 | | | |
| | | | STOR Miniport 9.1.2.17 | | | |
| | | | STOR Miniport 9.1.7.18 | | | |
| | | | STOR Miniport 9.1.8.25 | | | |
| | | Hitachi | Bundle | | | |
| | | Brocade | 1.0.0-06 | | | |
| | | | 1.1.0.1 | | | |
| | | | 2.1.0.0 | | | |
| | | | 2.2.0.0 | | | |
| | | | 2.3.0.0 | | | |
| | | | 3.0.0.0 | | | |
| | | iSCSI HBA/CNA | Microsoft | Microsoft Initiator v2.05 | | |
| | | | Microsoft Initiator v2.07 | | | |
| | Fibre Channel over Ethernet | Emulex | STOR Miniport 2.10a7 | | | |
| | | | STOR Miniport 2.32.002 | | | |
| | | QLogic | STOR Miniport 2.70.018 | | | |
| | | | STOR Miniport 2.1.4.19 | | | |
| | | Brocade | STOR Miniport 9.1.7.18 | | | |
| | | | STOR Miniport 9.1.8.26 | | | |
| | | | STOR Miniport 2.2.0.0 | | | |
| | Supported | | | | | |
| Not Supported | | | | | | |

| Notes | |
|-------|---|
| 1 | All drivers applied to Hitachi HBA cards for Hitachi Compute Blade are supported. |

| Windows 2003 R2 SP2 (X64 / x86_64) | | | HDLM Version | | | |
|---|-----------------------------|------------------------|--|-----------|-------|-------|
| OS | HBA | | Driver | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows 2003 R2 SP2 (X64 / x86_64) | Fibre Channel | Emulex | STOR Miniport 1.20a3 | | | |
| | | | STOR Miniport 1.20a7 | | | |
| | | | STOR Miniport 1.30a9 | | | |
| | | | STOR Miniport 2.00a12 | | | |
| | | | STOR Miniport 2.01a4 | | | |
| | | | STOR Miniport 2.10a7 | | | |
| | | | STOR Miniport 2.20.006 | | | |
| | | | STOR Miniport 2.30.020 | | | |
| | | | STOR Miniport 2.32.002 | | | |
| | | | STOR Miniport 2.33.008 | | | |
| | | | STOR Miniport 2.41.002 | | | |
| | | | STOR Miniport 2.50.007 | | | |
| | | | STOR Miniport 2.70.018 | | | |
| | | QLogic | SCSI Miniport 9.1.0.11 | | | |
| | | | STOR Miniport 9.1.0.16 | | | |
| | | | STOR Miniport 9.1.0.18 | | | |
| | | | STOR Miniport 9.1.2.16 | | | |
| | | | STOR Miniport 9.1.2.19 | | | |
| | | | STOR Miniport 9.1.3.16 | | | |
| | | | STOR Miniport 9.1.3.18 | | | |
| | | | STOR Miniport 9.1.4.15 | | | |
| | | | STOR Miniport 9.1.7.16 | | | |
| | | | STOR Miniport 9.1.7.18 | | | |
| | | | STOR Miniport 9.1.8.17 | | | |
| | | | STOR Miniport 9.1.8.19 | | | |
| | | | STOR Miniport 9.1.8.25 | | | |
| | | | STOR Miniport 9.1.8.27 | | | |
| | | | STOR Miniport 9.1.9.25 | | | |
| | | | STOR Miniport 9.1.9.26 | | | |
| | | | STOR Miniport 9.1.9.47 | | | |
| | | HP | STOR Miniport 2.50.007 | | | |
| | | | STOR Miniport 2.70.018 | | | |
| | | | STOR Miniport 3.0.0.0 | | | |
| | | | STOR Miniport 9.1.3.18 | | | |
| | | | STOR Miniport 9.1.7.17 | | | |
| | | | STOR Miniport 9.1.7.18 | | | |
| | | | STOR Miniport 9.1.7.65 | | | |
| | | | STOR Miniport 9.1.8.25 | | | |
| | | | STOR Miniport 9.1.9.25 | | | |
| | | | STOR Miniport 9.1.9.26 | | | |
| | | IBM | STOR Miniport 9.1.9.45 | | | |
| | | | STOR Miniport 2.70.018 | | | |
| | | Hitachi | STOR Miniport 9.1.8.25 | | | |
| | | | Bundle | | | |
| | | Brocade | 1.0.0-06 | | | |
| | | | 1.1.0.1 | | | |
| | | | 2.1.0.0 | | | |
| | | | 2.2.0.0 | | | |
| | | | 2.3.0.0 | | | |
| | | | 3.0.0.0 | | | |
| | iSCSI HBA/CNA | Microsoft | Microsoft Initiator v2.05 Microsoft Initiator v2.07 | | | |
| | Fibre Channel over Ethernet | Emulex | STOR Miniport 2.10a7 | | | |
| | | | STOR Miniport 2.32.002 | | | |
| | | | STOR Miniport 2.70.018 | | | |
| | | QLogic | STOR Miniport 2.1.4.19 | | | |
| | | | STOR Miniport 2.1.7.18 | | | |
| | | HP | STOR Miniport 9.1.8.26 | | | |
| | | | STOR Miniport 2.33.008 | | | |
| | | STOR Miniport 2.50.007 | | | | |
| | Brocade | STOR Miniport 2.2.0.0 | | | | |
| | | | | Supported | | |
| | | | Not Supported | | | |
| Notes | | | | | | |
| 1 All drivers applied to Hitachi HBA cards for Hitachi Compute Blade are supported. | | | | | | |

| Windows 2008 (IA32 / x86) | | | HDLM Version | | | |
|---|--------------------------------|--------------------------|----------------------------|--------|-------|---|
| OS | HBA | Driver | 8.2.0 | 8.2.1 | 8.4.0 | |
| Windows 2008 (IA32 / x86) | Fibre Channel | Emulex | STOR Miniport 2.00a12 | | | |
| | | | STOR Miniport 2.01a4 | | | |
| | | | STOR Miniport 2.10a7 | | | |
| | | | STOR Miniport 2.20.006 | | | |
| | | | STOR Miniport 2.03.20 | | | |
| | | | STOR Miniport 2.32.002 | | | |
| | | | STOR Miniport 2.33.008 | | | |
| | | | STOR Miniport 2.41.003 | | | |
| | | | STOR Miniport 2.50.007 | | | |
| | | | STOR Miniport 2.74.014.001 | | | |
| | | | STOR Miniport 2.76.003.001 | | | |
| | | | STOR Miniport 10.0.720.0 | | | |
| | | | STOR Miniport 10.2.370.8 | | | |
| | | | STOR Miniport 10.4.246.0 | | | |
| | | QLogic | Bundle | | | |
| | | | STOR Miniport 9.1.7.16 | | | |
| | | | STOR Miniport 9.1.7.18 | | | |
| | | | STOR Miniport 9.1.8.17 | | | |
| | | | STOR Miniport 9.1.9.49 | | | |
| | | | STOR Miniport 9.1.11.20 | | | |
| | | | STOR Miniport 9.1.11.24 | | | |
| | | | STOR Miniport 9.1.11.28 | | | |
| | | HP | STOR Miniport 2.74.014.001 | | | |
| | | | STOR Miniport 9.1.7.17 | | | |
| | | Hitachi | STOR Miniport 9.1.8.27 | | | |
| | | | Bundle | 1 | 1 | 1 |
| | | Brocade | 1.0.0-06 | | | |
| | | | 1.1.0.1 | | | |
| | | | 2.2.0.0 | | | |
| | | iSCSI | Microsoft | Bundle | | |
| | iSCSI HBA/CNA | Emulex | 4.1.334.0 | | | |
| | | | 4.9.160.0 | | | |
| | | | 10.0.732.0 | | | |
| | | | 10.2.370.9 | | | |
| | | | STOR Miniport 10.2.421.0 | | | |
| | | STOR Miniport 10.4.245.0 | | | | |
| | Qlogic | 2.1.5.15 | | | | |
| | | STOR Miniport 2.1.6.10 | | | | |
| | Fibre Channel over Ethernet | Emulex | STOR Miniport 2.10a7 | | | |
| | | | STOR Miniport 2.32.002 | | | |
| | | | STOR Miniport 2.70.018 | | | |
| | | | STOR Miniport 2.76.003.001 | | | |
| | | | STOR Miniport 10.0.720.0 | | | |
| | | | STOR Miniport 10.2.370.8 | | | |
| | | | STOR Miniport 10.4.246.0 | | | |
| | | QLogic | STOR Miniport 2.1.4.19 | | | |
| | | | STOR Miniport 9.1.7.18 | | | |
| STOR Miniport 9.1.9.15 | | | | | | |
| STOR Miniport 9.1.11.16 | | | | | | |
| STOR Miniport 9.1.12.10 | | | | | | |
| HP | | STOR Miniport 10.4.246.0 | | | | |
| Brocade | | STOR Miniport 2.2.0.0 | | | | |
| | | | Supported | | | |
| | | | Not Supported | | | |
| Notes | | | | | | |
| 1 All drivers applied to Hitachi HBA cards for Hitachi Compute Blade are supported. | | | | | | |

| Windows 2008 (IA64 / Itanium) | | | | HDLM Version | | | | |
|-------------------------------|---------------|-----------|--|------------------------|--|-------|-------|-------|
| OS | | HBA | | Driver | | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows 2008 (IA64 / Itanium) | Fibre Channel | Emulex | | STOR Miniport 2.00a12 | | | | |
| | | | | STOR Miniport 2.10a7 | | | | |
| | | QLogic | | Bundle | | | | |
| | | | | STOR Miniport 9.1.8.16 | | | | |
| | iSCSI | Microsoft | | Bundle | | | | |

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| Supported | |
| Not Supported | |

| Windows 2008 (x64 / x86_64) | | | | HDLM Version | | | |
|--------------------------------|------------------------|----------------------------|----------------------------|------------------------|-------|-------|--|
| OS | HBA | | Driver | 8.2.0 | 8.2.1 | 8.4.0 | |
| Windows 2008 (x64 / x86_64) | Fibre Channel | Emulex | STOR Miniport 2.00a12 | | | | |
| | | | STOR Miniport 2.01a4 | | | | |
| | | | STOR Miniport 2.10a7 | | | | |
| | | | STOR Miniport 2.20.006 | | | | |
| | | | STOR Miniport 2.32.002 | | | | |
| | | | STOR Miniport 2.33.008 | | | | |
| | | | STOR Miniport 2.41.003 | | | | |
| | | | STOR Miniport 2.50.007 | | | | |
| | | | STOR Miniport 2.70.014 | | | | |
| | | | STOR Miniport 2.70.018 | | | | |
| | | | STOR Miniport 2.70.019 | | | | |
| | | | STOR Miniport 2.72.012.001 | | | | |
| | | | STOR Miniport 2.74.014.001 | | | | |
| | | | STOR Miniport 2.76.003.001 | | | | |
| | | | STOR Miniport 10.0.720.0 | | | | |
| | | | STOR Miniport 10.2.261.4 | | | | |
| | | | STOR Miniport 10.2.370.8 | | | | |
| | | | STOR Miniport 10.4.246.0 | | | | |
| | | | QLogic | Bundle | | | |
| | | | | STOR Miniport 9.1.7.16 | | | |
| | | STOR Miniport 9.1.7.18 | | | | | |
| | | STOR Miniport 9.1.8.16 | | | | | |
| | | STOR Miniport 9.1.8.17 | | | | | |
| | | STOR Miniport 9.1.8.25 | | | | | |
| | | STOR Miniport 9.1.9.25 | | | | | |
| | | STOR Miniport 9.1.9.26 | | | | | |
| | | STOR Miniport 9.1.9.27 | | | | | |
| | | STOR Miniport 9.1.9.47 | | | | | |
| | | STOR Miniport 9.1.9.49 | | | | | |
| | | STOR Miniport 9.1.10.26 | | | | | |
| | | STOR Miniport 9.1.11.20 | | | | | |
| | | STOR Miniport 9.1.11.28 | | | | | |
| | | STOR Miniport 9.1.12.21 | | | | | |
| | | Hitachi | Bundle | 1 | 1 | 1 | |
| | | HP | STOR Miniport 2.70.018 | | | | |
| | | | STOR Miniport 2.70.019 | | | | |
| | | | STOR Miniport 2.74.014.001 | | | | |
| | | | STOR Miniport 9.1.7.17 | | | | |
| | | | STOR Miniport 9.1.8.17 | | | | |
| | | | STOR Miniport 9.1.9.26 | | | | |
| | | | STOR Miniport 9.1.9.45 | | | | |
| | | | STOR Miniport 9.1.9.49 | | | | |
| | | | STOR Miniport 9.1.11.20 | | | | |
| | | Brocade | 1.0.0-06 | | | | |
| | | | 1.1.0.1 | | | | |
| | | | 2.2.0.0 | | | | |
| | | iSCSI | Microsoft | Bundle | | | |
| | iSCSI HBA/CNA | Emulex | 4.1.334.0 | | | | |
| | | | 4.9.160.0 | | | | |
| | | | 10.0.732.0 | | | | |
| 10.2.370.9 | | | | | | | |
| STOR Miniport 10.2.421.0 | | | | | | | |
| STOR Miniport 10.4.245.0 | | | | | | | |
| Qlogic | 2.1.5.15 | | | | | | |
| | STOR Miniport 2.1.6.10 | | | | | | |
| Fibre Channel over Ethernet | Emulex | STOR Miniport 2.10a7 | | | | | |
| | | STOR Miniport 2.32.002 | | | | | |
| | | STOR Miniport 2.50.007 | | | | | |
| | | STOR Miniport 2.70.018 | | | | | |
| | | STOR Miniport 2.76.003.001 | | | | | |
| | | STOR Miniport 10.0.720.0 | | | | | |
| | | STOR Miniport 10.2.261.4 | | | | | |
| | | STOR Miniport 10.2.370.8 | | | | | |
| | | STOR Miniport 10.4.246.0 | | | | | |
| | | STOR Miniport 2.1.4.19 | | | | | |
| | QLogic | STOR Miniport 9.1.7.18 | | | | | |
| | | STOR Miniport 9.1.8.26 | | | | | |
| | | STOR Miniport 9.1.9.15 | | | | | |
| | | STOR Miniport 9.1.11.16 | | | | | |
| | | STOR Miniport 9.1.12.10 | | | | | |
| | | STOR Miniport 2.42.002 | | | | | |
| | | STOR Miniport 2.50.007 | | | | | |
| | | STOR Miniport 2.76.003.001 | | | | | |
| | HP | STOR Miniport 10.2.261.4 | | | | | |
| | | STOR Miniport 10.4.246.0 | | | | | |
| | | STOR Miniport 2.2.0.0 | | | | | |
| | | STOR Miniport 2.2.0.0 | | | | | |

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| Supported | |
| Not Supported | |

| Notes |
|---|
| 1 All drivers applied to Hitachi HBA cards for Hitachi Compute Blade are supported. |

| Windows 2008 SP2 (IA32 / x86) | | | HDLM Version | | |
|----------------------------------|--------------------------------|-----------|----------------------------|-------|-------|
| OS | HBA | | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows 2008 SP2 (IA32 / x86) | Fibre Channel | Emulex | Driver | | |
| | | | STOR Miniport 2.01a4 | | |
| | | | STOR Miniport 2.10a7 | | |
| | | | STOR Miniport 2.20.006 | | |
| | | | STOR Miniport 2.30.020 | | |
| | | | STOR Miniport 2.32.002 | | |
| | | | STOR Miniport 2.33.008 | | |
| | | | STOR Miniport 2.41.002 | | |
| | | | STOR Miniport 2.41.003 | | |
| | | | STOR Miniport 2.50.007 | | |
| | | | STOR Miniport 2.74.014.001 | | |
| | | | STOR Miniport 2.76.003.001 | | |
| | | | STOR Miniport 10.0.720.0 | | |
| | | | STOR Miniport 10.2.370.8 | | |
| | | | STOR Miniport 10.4.246.0 | | |
| | | Qlogic | STOR Miniport 9.1.8.17 | | |
| | | | STOR Miniport 9.1.8.25 | | |
| | | | STOR Miniport 9.1.9.25 | | |
| | | | STOR Miniport 9.1.9.49 | | |
| | | | STOR Miniport 9.1.10.27 | | |
| | | | STOR Miniport 9.1.11.20 | | |
| | | | STOR Miniport 9.1.11.24 | | |
| | | | STOR Miniport 9.1.11.28 | | |
| | | | STOR Miniport 9.1.12.21 | | |
| | | Hitachi | Bundle | 1 | 1 |
| | | Brocade | 1.0.0-06 | | |
| | | | 1.1.0.1 | | |
| | | | 2.2.0.0 | | |
| | | HP | STOR Miniport 2.74.014.001 | | |
| | | | STOR Miniport 9.1.8.27 | | |
| | | | STOR Miniport 9.1.8.28 | | |
| | | IBM | STOR Miniport 9.1.7.55 | | |
| | | | STOR Miniport 9.1.9.25 | | |
| | iSCSI | Microsoft | Bundle | | |
| | iSCSI HBA/CNA | Emulex | 4.1.334.0 | | |
| | | | 4.9.160.0 | | |
| | | | 10.0.732.0 | | |
| | | | 10.2.370.9 | | |
| | | | STOR Miniport 10.2.421.0 | | |
| | | | STOR Miniport 10.4.245.0 | | |
| | | Qlogic | STOR Miniport 2.1.6.10 | | |
| | Fibre Channel over Ethernet | Emulex | STOR Miniport 2.32.002 | | |
| | | | STOR Miniport 2.70.018 | | |
| | | | STOR Miniport 2.76.003.001 | | |
| | | | STOR Miniport 10.0.720.0 | | |
| | | | STOR Miniport 10.2.370.8 | | |
| | | | STOR Miniport 10.4.246.0 | | |
| | | Qlogic | STOR Miniport 9.1.9.15 | | |
| | | | STOR Miniport 9.1.11.16 | | |
| | | | STOR Miniport 9.1.12.10 | | |
| | | HP | STOR Miniport 10.4.246.0 | | |
| | | Brocade | STOR Miniport 2.2.0.0 | | |
| | | Cisco | STOR Miniport 2.1.0.11 | | |

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| Supported | |
| Not Supported | |

| Notes | |
|-------|---|
| 1 | All drivers applied to Hitachi HBA cards for Hitachi Compute Blade are supported. |

| Windows 2008 SP2 (IA64 / Itanium) | | | HDLM Version | | |
|--------------------------------------|---------------|-----------|------------------------|-------|-------|
| OS | HBA | | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows 2008 SP2 (IA64 / Itanium) | Fibre Channel | Emulex | STOR Miniport 2.10a7 | | |
| | | Qlogic | STOR Miniport 9.1.8.16 | | |
| | iSCSI | Microsoft | Bundle | | |
| | | | | | |

| | |
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| Supported | |
| Not Supported | |

| Windows 2008 SP2 (x64 / x86_64) | | | HDLM Version | | | |
|---|--------------------------------|--------------------------|----------------------------|-------|-------|---|
| OS | HBA | Driver | 8.2.0 | 8.2.1 | 8.4.0 | |
| Windows 2008 SP2 (x64 / x86_64) | Fibre Channel | Emulex | STOR Miniport 2.01a4 | | | |
| | | | STOR Miniport 2.10a7 | | | |
| | | | STOR Miniport 2.20.006 | | | |
| | | | STOR Miniport 2.30.020 | | | |
| | | | STOR Miniport 2.32.002 | | | |
| | | | STOR Miniport 2.33.008 | | | |
| | | | STOR Miniport 2.41.002 | | | |
| | | | STOR Miniport 2.41.003 | | | |
| | | | STOR Miniport 2.50.007 | | | |
| | | | STOR Miniport 2.70.014 | | | |
| | | | STOR Miniport 2.70.018 | | | |
| | | | STOR Miniport 2.70.019 | | | |
| | | | STOR Miniport 2.72.012.001 | | | |
| | | | STOR Miniport 2.74.009.001 | | | |
| | | | STOR Miniport 2.74.014.001 | | | |
| | | | STOR Miniport 2.76.003.001 | | | |
| | | | STOR Miniport 10.0.720.0 | | | |
| | | | STOR Miniport 10.2.261.4 | | | |
| | | | STOR Miniport 10.2.370.8 | | | |
| | | | STOR Miniport 10.4.246.0 | | | |
| | | Qlogic | STOR Miniport 9.1.7.18 | | | |
| | | | STOR Miniport 9.1.8.16 | | | |
| | | | STOR Miniport 9.1.8.17 | | | |
| | | | STOR Miniport 9.1.8.25 | | | |
| | | | STOR Miniport 9.1.9.25 | | | |
| | | | STOR Miniport 9.1.9.26 | | | |
| | | | STOR Miniport 9.1.9.27 | | | |
| | | | STOR Miniport 9.1.9.47 | | | |
| | | | STOR Miniport 9.1.9.49 | | | |
| | | | STOR Miniport 9.1.10.26 | | | |
| | | | STOR Miniport 9.1.11.20 | | | |
| | | | STOR Miniport 9.1.11.28 | | | |
| | | | STOR Miniport 9.1.12.21 | | | |
| | | Hitachi | Bundle | 1 | 1 | 1 |
| | | IBM | STOR Miniport 9.1.7.55 | | | |
| | | | STOR Miniport 9.1.8.25 | | | |
| | | | STOR Miniport 9.1.9.49 | | | |
| | | HP | STOR Miniport 2.70.018 | | | |
| | | | STOR Miniport 2.70.019 | | | |
| | | | STOR Miniport 2.74.009.001 | | | |
| | | | STOR Miniport 2.74.014.001 | | | |
| | | | STOR Miniport 9.1.7.17 | | | |
| | | | STOR Miniport 9.1.8.17 | | | |
| | | | STOR Miniport 9.1.8.19 | | | |
| | | | STOR Miniport 9.1.9.25 | | | |
| | | | STOR Miniport 9.1.9.26 | | | |
| | | | STOR Miniport 9.1.9.49 | | | |
| | | | STOR Miniport 9.1.11.20 | | | |
| | | Brocade | 1.0.0-06 | | | |
| | | | 1.1.0.1 | | | |
| | | | 2.2.0.0 | | | |
| | iSCSI | Microsoft | Bundle | | | |
| | iSCSI HBA/CNA | Emulex | 4.1.334.0 | | | |
| | | | 4.9.160.0 | | | |
| | | | 10.0.732.0 | | | |
| | | | 10.2.370.9 | | | |
| | | | STOR Miniport 10.2.421.0 | | | |
| | | STOR Miniport 10.4.245.0 | | | | |
| | | Qlogic | STOR Miniport 2.1.6.10 | | | |
| | Fibre Channel over Ethernet | Emulex | STOR Miniport 2.32.002 | | | |
| | | | STOR Miniport 2.50.007 | | | |
| | | | STOR Miniport 2.70.018 | | | |
| | | | STOR Miniport 2.76.003.001 | | | |
| | | | STOR Miniport 10.0.720.0 | | | |
| | | Qlogic | STOR Miniport 10.2.261.4 | | | |
| | | | STOR Miniport 10.2.370.8 | | | |
| | | | STOR Miniport 10.4.246.0 | | | |
| | | | STOR Miniport 9.1.8.26 | | | |
| | | Brocade | STOR Miniport 9.1.9.15 | | | |
| | | | STOR Miniport 9.1.11.16 | | | |
| | | | STOR Miniport 9.1.12.10 | | | |
| | | HP | STOR Miniport 2.2.0.0 | | | |
| | | | STOR Miniport 2.33.008 | | | |
| | | | STOR Miniport 2.42.002 | | | |
| | | | STOR Miniport 2.50.007 | | | |
| | | | STOR Miniport 2.76.003.001 | | | |
| | STOR Miniport 10.2.261.4 | | | | | |
| | STOR Miniport 10.4.246.0 | | | | | |
| | Cisco | STOR Miniport 2.1.0.25 | | | | |
| | | | | | | |
| Supported | | | | | | |
| Not Supported | | | | | | |
| Notes | | | | | | |
| 1 All drivers applied to Hitachi HBA cards for Hitachi Compute Blade are supported. | | | | | | |

| Windows 2008 R2 (x64 / x86_64) | | | HDLM Version | | |
|-----------------------------------|--------------------------------|-----------|----------------------------|-------|-------|
| OS | HBA | Driver | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows 2008 R2 (x64 / x86_64) | Fibre Channel | Emulex | STOR Miniport 2.20.006 | | |
| | | | STOR Miniport 2.30.018 | | |
| | | | STOR Miniport 2.30.020 | | |
| | | | STOR Miniport 2.32.002 | | |
| | | | STOR Miniport 2.40.005 | | |
| | | | STOR Miniport 2.41.002 | | |
| | | | STOR Miniport 2.41.003 | | |
| | | | STOR Miniport 2.50.007 | | |
| | | | STOR Miniport 2.70.018 | | |
| | | | STOR Miniport 2.72.012.001 | | |
| | | | STOR Miniport 2.74.009.001 | | |
| | | | STOR Miniport 2.74.014.001 | | |
| | | | STOR Miniport 2.74.016.001 | | |
| | | | STOR Miniport 2.76.003.001 | | |
| | | | STOR Miniport 10.0.720.0 | | |
| | | Qlogic | STOR Miniport 10.2.261.4 | | |
| | | | STOR Miniport 10.2.370.8 | | |
| | | | STOR Miniport 9.1.8.17 | | |
| | | | STOR Miniport 9.1.8.19 | | |
| | | | STOR Miniport 9.1.8.25 | | |
| | | | STOR Miniport 9.1.8.27 | | |
| | | | STOR Miniport 9.1.8.28 | | |
| | | | STOR Miniport 9.1.8.38 | | |
| | | | STOR Miniport 9.1.9.25 | | |
| | | | STOR Miniport 9.1.9.26 | | |
| | | | STOR Miniport 9.1.9.27 | | |
| | | | STOR Miniport 9.1.9.47 | | |
| | | | STOR Miniport 9.1.9.49 | | |
| | | | STOR Miniport 9.1.10.26 | | |
| | | | STOR Miniport 9.1.10.27 | | |
| | | | STOR Miniport 9.1.10.28 | | |
| | | | STOR Miniport 9.1.11.20 | | |
| | | | STOR Miniport 9.1.11.24 | | |
| | | | STOR Miniport 9.1.11.26 | | |
| | | | STOR Miniport 9.1.11.28 | | |
| | | | STOR Miniport 9.1.12.21 | | |
| | | Hitachi | Bundle | 1 | 1 |
| | | | STOR Miniport 2.33.005 | | |
| | | HP | STOR Miniport 2.33.008 | | |
| | | | STOR Miniport 2.50.007 | | |
| | | | STOR Miniport 2.70.018 | | |
| | | | STOR Miniport 2.70.019 | | |
| | | | STOR Miniport 2.74.014.001 | | |
| | | | STOR Miniport 9.1.8.17 | | |
| | | | STOR Miniport 9.1.9.26 | | |
| | | | STOR Miniport 9.1.8.25 | | |
| | | | STOR Miniport 9.1.9.45 | | |
| | | | STOR Miniport 9.1.9.49 | | |
| | | IBM | STOR Miniport 9.1.10.27 | | |
| | | | STOR Miniport 9.1.11.20 | | |
| | | | STOR Miniport 9.1.11.28 | | |
| | | | STOR Miniport 9.1.12.22 | | |
| | | | STOR Miniport 9.1.14.22 | | |
| | | Brocade | STOR Miniport 9.1.7.55 | | |
| | | | STOR Miniport 9.1.8.25 | | |
| | | | STOR Miniport 9.1.8.26 | | |
| | | | STOR Miniport 9.1.9.36 | | |
| | | | STOR Miniport 9.1.11.24 | | |
| | | | 2.1.0.0 | | |
| | | | 2.2.0.0 | | |
| | iSCSI | Microsoft | 3.0.0.0 | | |
| | | | 3.1.0.0 | | |
| | | | 3.1.0.1 | | |
| | | | 3.2.0.0 | | |
| | | | STOR Miniport 3.2.4.0 | | |
| | iSCSI HBA/CNA | Emulex | Bundle | 3 | 3 |
| | | | 4.1.334.0 | | |
| | | Emulex | STOR Miniport 4.9.160.0 | | |
| | | | STOR Miniport 10.0.732.0 | | |
| | | | STOR Miniport 10.2.370.9 | | |
| | | | STOR Miniport 10.2.421.0 | | |
| | | Qlogic | STOR Miniport 2.1.6.10 | | |
| | | | 4.1.334.0 | | |
| | | Emulex | STOR Miniport 2.32.002 | | |
| | | | STOR Miniport 2.41.002 | | |
| | | | STOR Miniport 2.42.002 | | |
| | | | STOR Miniport 2.50.007 | | |
| | | | STOR Miniport 2.70.018 | | |
| | | | STOR Miniport 2.70.019 | | |
| | | | STOR Miniport 2.76.003.001 | | |
| | | | STOR Miniport 10.0.720.0 | | |
| | | | STOR Miniport 10.2.261.4 | | |
| | | | STOR Miniport 10.2.370.8 | | |
| | Fibre Channel over Ethernet | QLogic | STOR Miniport 3.2.5.0 | | |
| | | | STOR Miniport 9.1.8.26 | | |
| | | | STOR Miniport 9.1.8.27 | | |
| | | | STOR Miniport 9.1.9.15 | | |
| | | | STOR Miniport 9.1.11.16 | | |
| | | HP | STOR Miniport 9.1.12.10 | | |
| | | | STOR Miniport 2.42.002 | | |
| | | | STOR Miniport 2.50.007 | | |
| | | | STOR Miniport 2.70.019 | | |
| | | | STOR Miniport 2.74.009.001 | | |
| | | IBM | STOR Miniport 2.76.003.001 | | |
| | | | STOR Miniport 10.2.261.4 | | |
| | | | STOR Miniport 9.1.8.26 | | |
| | | | STOR Miniport 9.1.9.36 | | |
| | | | STOR Miniport 2.2.0.0 | | |
| | | Brocade | STOR Miniport 2.3.0.2 | | |
| | | | 3.0.0.0 | | |
| | | | STOR Miniport 3.2.4.0 | | |
| | | | STOR Miniport 3.2.5.0 | | |
| | | Cisco | STOR Miniport 2.1.0.11 | 2 | 2 |
| | | | STOR Miniport 9.1.8.27 | | |
| | | Intel | STOR Miniport 1.16.0.0 | 2 | 2 |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| |
|---|
| Notes |
| 1 All drivers applied to Hitachi HBA cards for Hitachi Compute Blade are supported. |
| 2 This is not supported in cluster environments. |
| 3 Windows OSs operating as guest OSs of ESXi 5.1 are supported. |

| |
|--------------|
| HDLM Version |
|--------------|

| Windows 2008 R2 (IA64 / Itanium) | | | | 8.2.0 | 8.2.1 | 8.4.0 |
|----------------------------------|---------------|-----------|------------------------|-------|-------|-------|
| OS | HBA | | Driver | | | |
| Windows 2008 R2 (IA64 / Itanium) | Fibre Channel | Emulex | STOR Miniport 2.20.006 | | | |
| | | HP | STOR Miniport 2.50.007 | | | |
| | iSCSI | Microsoft | Bundle | | | |

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| Supported | |
| Not Supported | |

| Windows 2008 R2 SP1 (x64 / x86_64) | | | HDLM Version | | |
|---------------------------------------|---------------|-----------------------------|----------------------------|-------|-------|
| OS | HBA | Driver | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows 2008 R2 SP1 (x64 / x86_64) | Fibre Channel | Emulex | STOR Miniport 2.20.006 | | |
| | | | STOR Miniport 2.30.018 | | |
| | | | STOR Miniport 2.30.020 | | |
| | | | STOR Miniport 2.32.002 | | |
| | | | STOR Miniport 2.40.005 | | |
| | | | STOR Miniport 2.41.002 | | |
| | | | STOR Miniport 2.41.003 | | |
| | | | STOR Miniport 2.50.007 | | |
| | | | STOR Miniport 2.70.018 | | |
| | | | STOR Miniport 2.74.009.001 | | |
| | | Qlogic | STOR Miniport 2.74.014.001 | | |
| | | | STOR Miniport 2.74.016.001 | | |
| | | | STOR Miniport 2.76.003.001 | | |
| | | | STOR Miniport 10.0.720.0 | | |
| | | | STOR Miniport 10.2.261.4 | | |
| | | | STOR Miniport 10.2.370.8 | | |
| | | | STOR Miniport 10.4.246.0 | | |
| | | | STOR Miniport 9.1.8.27 | | |
| | | | STOR Miniport 9.1.9.25 | | |
| | | | STOR Miniport 9.1.9.26 | | |
| | | Hitachi | STOR Miniport 9.1.9.27 | | |
| | | | STOR Miniport 9.1.9.47 | | |
| | | | STOR Miniport 9.1.9.49 | | |
| | | | STOR Miniport 9.1.10.26 | | |
| | | | STOR Miniport 9.1.10.27 | | |
| | | | STOR Miniport 9.1.10.28 | | |
| | | | STOR Miniport 9.1.11.20 | | |
| | | | STOR Miniport 9.1.11.24 | | |
| | | | STOR Miniport 9.1.11.28 | | |
| | | | STOR Miniport 9.1.12.21 | | |
| | | | Bundle | 1 | 1 |
| | | HP | STOR Miniport 9.1.8.28 | | |
| | | | STOR Miniport 2.33.005 | | |
| | | | STOR Miniport 2.50.007 | | |
| | | | STOR Miniport 2.70.018 | | |
| | | | STOR Miniport 2.70.019 | | |
| | | | STOR Miniport 2.74.009.001 | | |
| | | | STOR Miniport 2.74.014.001 | | |
| | | | STOR Miniport 3.0.0.0 | | |
| | | | STOR Miniport 9.1.9.25 | | |
| | | | STOR Miniport 9.1.9.45 | | |
| | | Brocade | STOR Miniport 9.1.9.49 | | |
| | | | STOR Miniport 9.1.10.26 | | |
| | | | STOR Miniport 9.1.10.27 | | |
| | | | STOR Miniport 9.1.11.20 | | |
| | | | STOR Miniport 9.1.11.28 | | |
| | | | STOR Miniport 9.1.12.22 | | |
| | | | STOR Miniport 9.1.14.22 | | |
| | | | STOR Miniport 10.4.246.0 | | |
| | | | STOR Miniport 2.2.0.0 | | |
| | | | STOR Miniport 2.3.0.1 | | |
| | | IBM | STOR Miniport 2.3.0.2 | | |
| | | | STOR Miniport 3.0.0.0 | | |
| | | | STOR Miniport 3.1.0.0 | | |
| | | | STOR Miniport 3.1.0.1 | | |
| | | | STOR Miniport 3.2.0.0 | | |
| | | | STOR Miniport 3.2.4.0 | | |
| | | | STOR Miniport 2.70.018 | | |
| | | | STOR Miniport 9.1.9.25 | | |
| | | | STOR Miniport 9.1.9.27 | | |
| | | | STOR Miniport 9.1.9.49 | | |
| | | Fibre Channel over Ethernet | STOR Miniport 9.1.10.26 | | |
| | | | STOR Miniport 9.1.10.27 | | |
| | | | STOR Miniport 9.1.11.20 | | |
| | | | STOR Miniport 9.1.11.28 | | |
| | | | STOR Miniport 9.1.12.22 | | |
| | | | STOR Miniport 9.1.14.22 | | |
| | | | STOR Miniport 10.4.246.0 | | |
| | | | STOR Miniport 2.2.0.0 | | |
| | | | STOR Miniport 2.3.0.1 | | |
| | | | STOR Miniport 2.3.0.2 | | |
| | | iSCSI HBA/CNA | STOR Miniport 3.0.0.0 | | |
| | | | STOR Miniport 3.1.0.0 | | |
| | | | STOR Miniport 3.1.0.1 | | |
| | | | STOR Miniport 3.2.0.0 | | |
| | | | STOR Miniport 3.2.4.0 | | |
| | | | STOR Miniport 2.70.018 | | |
| | | | STOR Miniport 9.1.9.25 | | |
| | | | STOR Miniport 9.1.9.27 | | |
| | | | STOR Miniport 9.1.9.49 | | |
| | | | STOR Miniport 9.1.10.26 | | |
| | | | STOR Miniport 9.1.11.24 | | |
| | iSCSI | Microsoft | Bundle | | |
| | | | 4.1.334.0 | | |
| | | | STOR Miniport 4.9.160.0 | | |
| | | | STOR Miniport 10.0.732.0 | | |
| | | | STOR Miniport 10.2.370.9 | | |
| | | | STOR Miniport 10.2.421.0 | | |
| | | | STOR Miniport 10.4.245.0 | | |
| | | | STOR Miniport 2.1.6.10 | | |
| | | | 4.1.334.0 | | |
| | | | STOR Miniport 2.1.0.11 | | |
| | | Cisco | STOR Miniport 2.1.0.17 | | |
| | | | STOR Miniport 2.1.0.20 | | |
| | | | STOR Miniport 2.1.0.25 | | |
| | | | STOR Miniport 2.1.0.27 | | |
| | | | STOR Miniport 9.1.8.27 | | |
| | | | STOR Miniport 2.50.007 | | |
| | | | STOR Miniport 2.70.018 | | |
| | | | STOR Miniport 2.76.003.001 | | |
| | | | STOR Miniport 10.0.720.0 | | |
| | | | STOR Miniport 10.2.261.4 | | |
| | | Emulex | STOR Miniport 10.2.370.8 | | |
| | | | STOR Miniport 10.4.246.0 | | |
| | | | STOR Miniport 3.2.5.0 | | |
| | | | STOR Miniport 9.1.11.16 | | |
| | | | STOR Miniport 9.1.12.10 | | |
| | | | STOR Miniport 2.50.007 | | |
| | | | STOR Miniport 2.70.018 | | |
| | | | STOR Miniport 2.70.019 | | |
| | | | STOR Miniport 2.74.009.001 | | |
| | | | STOR Miniport 2.76.003.001 | | |
| | | Qlogic | STOR Miniport 10.2.261.4 | | |
| | | | STOR Miniport 10.4.246.0 | | |
| | | | STOR Miniport 3.2.4.0 | | |
| | | | STOR Miniport 3.2.5.0 | | |
| | | | STOR Miniport 1.16.0.0 | 2 | 2 |
| | | | STOR Miniport 1.16.0.0 | 2 | 2 |
| | | | STOR Miniport 1.16.0.0 | 2 | 2 |
| | | | STOR Miniport 1.16.0.0 | 2 | 2 |
| | | | STOR Miniport 1.16.0.0 | 2 | 2 |
| | | | STOR Miniport 1.16.0.0 | 2 | 2 |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|---|
| 1 | All drivers applied to Hitachi HBA cards for Hitachi Compute Blade are supported. |
| 2 | This is not supported in cluster environments. |

| Windows 2008 R2 SP1 (IA64 / Itanium) | | | HDLM Version | | |
|--|---------------|--------|------------------------|-------|-------|
| OS | HBA | Driver | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows 2008 R2 SP1 (IA64 / Itanium) | Fibre Channel | Emulex | STOR Miniport 2.20.006 | | |
| | | | STOR Miniport 2.40.005 | | |

| | | | | | | |
|--|-------|-----------|--------|---------------|--|--|
| | ISCSI | Microsoft | Bundle | | | |
| | | | | Supported | | |
| | | | | Not Supported | | |

| Windows 2012 (x64 / x86_64) | | | HDLM Version | | | |
|--------------------------------|-----------------------------|---------------|----------------------------|--------------------------|---|---|
| OS | HBA | | Driver | | | |
| Windows 2012 (x64 / x86_64) | Fibre Channel | Emulex | STOR Miniport 2.72.205.004 | | | |
| | | | STOR Miniport 2.72.012.001 | 3 | 3 | 3 |
| | | | STOR Miniport 2.74.009.001 | | | |
| | | | STOR Miniport 2.74.014.001 | 3 | 3 | 3 |
| | | | STOR Miniport 2.74.016.001 | | | |
| | | | STOR Miniport 2.76.003.001 | | | |
| | | | STOR Miniport 10.0.720.0 | | | |
| | | | STOR Miniport 10.2.261.4 | | | |
| | | | STOR Miniport 10.2.370.8 | | | |
| | | | STOR Miniport 10.4.246.0 | | | |
| | | | STOR Miniport 10.6.114.0 | | | |
| | | QLogic | STOR Miniport 9.1.9.205 | | | |
| | | | STOR Miniport 9.1.10.26 | 3 | 3 | 3 |
| | | | STOR Miniport 9.1.10.27 | | | |
| | | | STOR Miniport 9.1.11.20 | 3 | 3 | 3 |
| | | | STOR Miniport 9.1.11.24 | 3 | 3 | 3 |
| | | | STOR Miniport 9.1.11.26 | | | |
| | | | STOR Miniport 9.1.11.28 | | | |
| | | | STOR Miniport 9.1.12.21 | | | |
| | | Hitachi | Bundle | 1 | 1 | 1 |
| | | Brocade | STOR Miniport 3.0.2.21 | | | |
| | | | STOR Miniport 3.1.0.1 | | | |
| | | | STOR Miniport 3.2.4.0 | | | |
| | | HP | STOR Miniport 2.74.009.001 | | | |
| | | | STOR Miniport 9.1.10.27 | | | |
| | | | STOR Miniport 9.1.11.20 | 3 | 3 | 3 |
| | | | STOR Miniport 9.1.11.24 | 3 | 3 | 3 |
| | iSCSI | Microsoft | Bundle | 2 | 2 | 2 |
| | Fibre Channel over Ethernet | iSCSI HBA/CNA | Emulex | STOR Miniport 4.9.160.0 | | |
| | | | | STOR Miniport 10.0.732.0 | | |
| | | | | STOR Miniport 10.2.370.9 | | |
| | | | | STOR Miniport 10.2.421.0 | | |
| | | | | STOR Miniport 10.4.245.0 | | |
| | | Qlogic | STOR Miniport 2.1.6.10 | | | |
| | | | STOR Miniport 2.72.012.001 | | | |
| | | Emulex | STOR Miniport 2.72.205.004 | | | |
| | | | STOR Miniport 2.74.014.001 | | | |
| | | | STOR Miniport 2.76.003.001 | | | |
| | | | STOR Miniport 10.0.720.0 | | | |
| | | | STOR Miniport 10.2.261.4 | | | |
| | | | STOR Miniport 10.2.370.8 | | | |
| | | | STOR Miniport 10.4.246.0 | | | |
| | | | STOR Miniport 3.2.5.0 | | | |
| | | | STOR Miniport 9.1.10.15 | | | |
| | | | STOR Miniport 9.1.11.16 | | | |
| | | | STOR Miniport 9.1.12.10 | | | |
| | | Brocade | STOR Miniport 3.2.4.0 | | | |
| | | | STOR Miniport 3.2.5.0 | | | |
| | | | STOR Miniport 2.74.014.001 | | | |
| | | HP | STOR Miniport 2.76.003.001 | | | |
| | | | STOR Miniport 10.2.261.4 | | | |
| | | | STOR Miniport 10.4.246.0 | | | |
| | | | STOR Miniport 2.3.0.12 | | | |
| | | Cisco | STOR Miniport 2.3.0.12 | | | |
| Supported | | | | | | |
| Not Supported | | | | | | |

| Notes | |
|-------|---|
| 1 | All drivers applied to Hitachi HBA cards for Hitachi Compute Blade are supported. |
| 2 | Windows OSs operating as guest OSs of ESXi 5.1 are supported. |
| 3 | Virtual Fibre Channel is supported. |

| Windows 2012 R2 (x64 / x86_64) | | | HDLM Version | | |
|--------------------------------|-----------------------------|---------|----------------------------|-------|-------|
| OS | HBA | Driver | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows 2012 R2 (x64 / x86_64) | Fibre Channel | Emulex | STOR Miniport 2.74.214 | | |
| | | | STOR Miniport 2.76.002.001 | | |
| | | | STOR Miniport 2.76.003.001 | | |
| | | | STOR Miniport 10.0.720.0 | | |
| | | | STOR Miniport 10.2.261.4 | | |
| | | | STOR Miniport 10.2.370.8 | | |
| | | | STOR Miniport 10.4.246.0 | | |
| | | QLogic | STOR Miniport 10.6.114.0 | | |
| | | | STOR Miniport 9.1.11.3 | | |
| | | | STOR Miniport 9.1.11.24 | | |
| | | | STOR Miniport 9.1.11.28 | | |
| | | | STOR Miniport 9.1.12.21 | | |
| | | | STOR Miniport 9.1.13.20 | | |
| | | Hitachi | Bundle | 1 | 1 |
| | | Brocade | STOR Miniport 3.2.4.0 | | |
| | | | STOR Miniport 9.1.11.24 | 2 | 2 |
| | | HP | STOR Miniport 9.1.11.28 | | |
| | | | STOR Miniport 9.1.12.22 | | |
| | | | STOR Miniport 9.1.14.22 | | |
| | | | STOR Miniport 10.2.370.8 | | |
| | | | STOR Miniport 10.4.246.0 | | |
| | | | STOR Miniport 10.6.114.0 | | |
| | | iSCSI | Bundle | | |
| | | Qlogic | 2.1.5.38 | | |
| | iSCSI HBA/CNA | Emulex | STOR Miniport 4.9.160.0 | | |
| | | | STOR Miniport 10.0.732.0 | | |
| | | | STOR Miniport 10.2.370.9 | | |
| | | | STOR Miniport 10.2.421.0 | | |
| | | | STOR Miniport 10.4.245.0 | | |
| | | Qlogic | STOR Miniport 2.1.6.10 | | |
| | Fibre Channel over Ethernet | Emulex | STOR Miniport 2.76.002.001 | | |
| | | | STOR Miniport 2.76.003.001 | | |
| | | | STOR Miniport 10.0.720.0 | | |
| | | | STOR Miniport 10.2.261.4 | | |
| | | | STOR Miniport 10.2.370.8 | | |
| | | Qlogic | STOR Miniport 10.4.246.0 | | |
| | | | STOR Miniport 3.2.5.0 | | |
| | | | 9.1.11.12 | | |
| | | | STOR Miniport 9.1.11.16 | | |
| | | | STOR Miniport 9.1.12.10 | | |
| | | Brocade | 3.2.3.1 | | |
| | | | STOR Miniport 3.2.4.0 | | |
| | | | STOR Miniport 3.2.5.0 | | |
| | | HP | STOR Miniport 2.76.003.001 | | |
| | | | STOR Miniport 7.10.31.0 | | |
| | | | STOR Miniport 7.12.41.0 | 3 | 3 |
| | | | STOR Miniport 10.2.261.4 | | |
| | | | STOR Miniport 10.4.246.0 | | |

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|-------|--|-------|------------------------|--|--|--|
| | | Cisco | STOR Miniport 2.3.0.20 | | | |
| | | | STOR Miniport 2.4.0.8 | | | |
| | | | STOR Miniport 2.4.0.9 | | | |
| | | | Supported | | | |
| | | | Not Supported | | | |
| Notes | | | | | | |
| 1 | All drivers applied to Hitachi HBA cards for Hitachi Compute Blade are supported. | | | | | |
| 2 | Virtual Fibre Channel is supported. | | | | | |
| 3 | In an environment for which a large number of LUs are connected, problems such as the OS taking a lot of time to start might occur. If such a problem occurs, upgrade to version 8.4.0 or later, or contact the support center. | | | | | |

| Supported GPT Versions | | | | |
|----------------------------------|----------------|--------------|-------|-------|
| OS | Architecture | HDLM Version | | |
| | | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows 2003 | Itanium / IA64 | | | |
| | X64 / x86_64 | | | |
| Windows 2003 SP1 | IA32 / x86 | | | |
| | Itanium / IA64 | | | |
| Windows 2003 SP2 | IA32 / x86 | | | |
| | Itanium / IA64 | | | |
| | X64 / x86_64 | | | |
| Windows 2003 R2 | IA32 / x86 | | | |
| | X64 / x86_64 | | | |
| Windows 2003 R2 SP2 | IA32 / x86 | | | |
| | X64 / x86_64 | | | |
| Windows 2008 Windows 2008 SP2 | IA32 / x86 | 1 | 1 | 1 |
| | Itanium / IA64 | | | |
| | X64 / x86_64 | 2 | 2 | 2 |
| Windows 2008 R2 | X64 / x86_64 | 2 | 2 | 2 |
| Windows 2008 R2 SP1 | Itanium / IA64 | 2 | 2 | 2 |
| Windows 2012 | X64 / x86_64 | 2 | 2 | 2 |
| Windows 2012 R2 | X64 / x86_64 | 2 | 2 | 2 |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|---|
| 1 | SAN boot configurations with GPT are not supported. |
| 2 | GPT boot depends on supported servers and HBAs. |

| Sun Solaris SPARC | | HDLM Version | | |
|--|--|----------------------------|------------|------------|
| | | 8.2.0 | 8.2.1 | 8.4.0 |
| Product Modifications and Additional Functions | Manual/Automatic Fail Over | | | |
| | Manual/Automatic Fail Back | | | |
| | Load Balance (Round Robin) | | | |
| | Load Balance (Extended Round Robin) | | | |
| | Load Balance (Least I/O) | | | |
| | Load Balance (Extended Least I/O) | | | |
| | Load Balance (Least Blocks) | | | |
| | Load Balance (Extended Least Blocks) | | | |
| | Load Balance for 3 Nodes Or More With Sun Cluster | 4 | 4 | 4 |
| | Load balance with VCS | | | |
| | Automatic Discovery | | | |
| | Dynamic Configuration of HDLM Devices | | | |
| | Error Log | | | |
| | CLI | 25 | 25 | 25 |
| | GUI | | | |
| | GUI browser | | | |
| | Path Blockade/Health Check | | | |
| | Health check Time (1min to 24 hr) | | | |
| | Dynamic Reconfiguration of Disk Devices | Add LU | | |
| | | Delete LU | 9, 10 | 9, 10 |
| | | Add Path of Existing LU | | |
| | | Delete Path of Existing LU | 9 | 9 |
| | | Add new HBA | 9 | 9 |
| | | Delete HBA | 9 | 9 |
| | Online(E) | | | |
| | Integration with HDvM | | | |
| | Offline For Each HBA (CLI) | | | |
| | Target Side Failover | | | |
| | HMDE Support | 1 | 1 | 1 |
| | Boot Disk | 7, 8, 20 | 7, 8, 20 | 7, 8, 20 |
| | Upgrade Install | | | |
| | Service Pack | | | |
| | Internationalization | | | |
| | Advanced Patch check | | | |
| | Support for > 1 TB Volumes (EFI Label) | 6 | 6 | 6 |
| | ZFS filesystem support | 2, 3 | 2, 3 | 2, 3 |
| | Support For Up To 256 LUs | 5 | 5 | 5 |
| | Display of HBA Information | | | |
| | Improved Online/Offline Commands | | | |
| | Periodic Display Of Performance Information | | | |
| | License key can be entered during installation | | | |
| | Support for ZFS filesystem | | | |
| | Audit Log | | | |
| | HDLM Component Install Utility | | | |
| | online/offline path by SCSI device name | | | |
| | High Availability Manager | 26 | 26 | 26 |
| | Oracle Solaris Containers(Global zone) | 9, 14 | 9, 14 | 9, 14 |
| | Oracle VM Server(LDoms) | 15, 16, 22 | 15, 16, 22 | 15, 16, 22 |
| | Dynamic I/O Path Control | 18 | 18 | 18 |
| | Specifying the number of times the same path can be used for I/O operations when the load balancing is used. | | | |
| | Specifying the number of times the same path can be used for random I/O operations when extended load balancing is used. | | | |

| | Storage System | Interface | Microcode version | | | |
|---------------------------|---|-----------------------------|------------------------------|----|----|----|
| Supported Storage Systems | Hitachi Lightning 9900V | Fibre Channel | 21-02-23-XX/XX or later | | | |
| | Hitachi Universal Storage Platform V | Fibre Channel | 60-01-XX-XX/XX or later | | | |
| | Hitachi Universal Storage Platform VM | Fibre Channel | 60-01-61-XX/XX or later | | | |
| | Hitachi Virtual Storage Platform | Fibre Channel | 70-01-00-XX/XX or later | | | |
| | Hitachi Virtual Storage Platform G1000 | Fibre Channel | 80-01-2X-XX/XX or later | 23 | 23 | 23 |
| | | Fibre Channel over Ethernet | 80-02-0X-XX/XX or later | 23 | 23 | 23 |
| | | Fibre Channel | 80-02-4X-XX/XX or later | 28 | 28 | 28 |
| | Hitachi Virtual Storage Platform G200 | Fibre Channel | 83-01-01-20/XX or later | | | |
| | | Fibre Channel | 83-01-2X-20/XX or later(*27) | | | |
| | Hitachi Virtual Storage Platform G400 | Fibre Channel | 83-01-01-40/XX or later | | | |
| | | Fibre Channel | 83-01-2X-40/XX or later(*27) | | | |
| | Hitachi Virtual Storage Platform G600 | Fibre Channel | 83-01-01-40/XX or later | | | |
| | | Fibre Channel | 83-01-2X-40/XX or later(*27) | | | |
| | Hitachi Virtual Storage Platform G800 | Fibre Channel | 83-01-2X-60/XX or later | | | |
| | Hitachi Virtual Storage Platform F400 | Fibre Channel | 83-02-01-40/XX or later | | 30 | 30 |
| | | | 83-03-01-40/XX or later | | | |
| | Hitachi Virtual Storage Platform F600 | Fibre Channel | 83-02-01-40/XX or later | | 30 | 30 |
| | | | 83-03-01-40/XX or later | | | |
| | Hitachi Virtual Storage Platform F800 | Fibre Channel | 83-02-01-60/XX or later | | 30 | 30 |
| | | | 83-03-01-60/XX or later | | | |
| | Hitachi Unified Storage VM | Fibre Channel | 73-01-0X-XX/XX or later | | | |
| | Hitachi Universal Storage Platform | Fibre Channel | 50-01-19-XX/XX or later | | | |
| | Hitachi Network Storage Controller NSC55 | Fibre Channel | 50-03-94-XX/XX or later | | | |
| | Hitachi Thunder 9530V | Fibre Channel | 0651/D or later | | | |
| | Hitachi Thunder 9570V | Fibre Channel | 0651/D or later | | | |
| | Hitachi Thunder 9580V | Fibre Channel | 1654/A or later | | | |
| | Hitachi Adaptable Modular Storage AMS 200 | Fibre Channel | 0712/A or later | | | |
| | Hitachi Adaptable Modular Storage AMS 500 | Fibre Channel | 0712/A or later | | | |
| | Hitachi Adaptable Modular Storage AMS1000 | Fibre Channel | 0712/A or later | | | |
| | Hitachi Adaptable Modular Storage AMS2100 | Fibre Channel | 0832/E or later | | | |
| | Hitachi Adaptable Modular Storage AMS2300 | Fibre Channel | 0832/E or later | | | |
| | Hitachi Adaptable Modular Storage AMS2500 | Fibre Channel | 0832/E or later | | | |
| | Hitachi Workgroup Modular Storage WMS100 | Fibre Channel | 0720/A or later | | | |
| | Hitachi Unified Storage 110 | Fibre Channel | 0915/A or later | | | |
| | Hitachi Unified Storage 130 | Fibre Channel | 0915/A or later | | | |
| | Hitachi Unified Storage 150 | Fibre Channel | 0915/A or later | | | |
| | SMS 100 | Fibre Channel | 1810/N or later | | | |
| | HP StorageWorks XP1024 / XP128 Disk Array | Fibre Channel | 21-01-24-XX/XX or later | | | |
| | HP StorageWorks XP512 / XP48 Disk Array | Fibre Channel | 01-10-00-XX/XX or later | | | |
| | HP StorageWorks XP12000 Disk Array | Fibre Channel | 50-01-19-XX/XX or later | | | |
| | HP StorageWorks XP20000 Disk Array | Fibre Channel | 60-01-61-XX/XX or later | | | |
| | HP StorageWorks XP24000 Disk Array | Fibre Channel | 60-01-XX-XX/XX or later | | | |
| | HP StorageWorks P9500 Disk Array | Fibre Channel | 70-01-00-XX/XX or later | | | |
| | HP XP7 Storage | Fibre Channel | 80-01-2X-XX/XX or later | 24 | 24 | 24 |
| | | Fibre Channel over Ethernet | 80-02-0X-XX/XX or later | 24 | 24 | 24 |
| | | Fibre Channel | 80-02-4X-XX/XX or later | 29 | 29 | 29 |
| | SVS | Fibre Channel | 50-07-01-XX/XX or later | | | |
| ve ts | Hitachi Path Manager | | | 11 | 11 | 11 |
| | Sun StorEdge[™] RAID Manager | | | 11 | 11 | 11 |

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|-------------------|--|----|----|----|
| Exclusi Produc | VxVM-DMP | 11 | 11 | 11 |
| | MPxIO[Sun StorEdge Traffic Manager Software] | 13 | 13 | 13 |
| | PowerPath | 12 | 12 | 12 |
| | SDD | 12 | 12 | 12 |

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| Supported | |
| Not Supported | |

| Notes | |
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| 1 | The following OS versions are supported: - Solaris 10 (SPARC) (64bit) |
| 2 | ZFS cannot be used on an LU that is managed by a volume manager. |
| 3 | ZFS is supported only in Solaris 10, Solaris 11, Solaris 11.1, Solaris 11.2, or Solaris 11.3. |
| 4 | Load balancing is not available for LUs that are using SCSI-2 reserves in Sun Cluster 2-node configurations. |
| 5 | As prerequisites for supporting configurations with 256 or more LUNs, all of the following components; the storage system, the HBA, and the HBA driver, must support the configurations. For the information, refer to documents or data sheet provided by each vendor. |
| 6 | For supported cluster configurations, see the [20. Clusters and VMs] sheet. |
| 7 | Only configurations without Volume Manager and Clusterware are supported. |
| 8 | Boot disks are supported if your configuration meets any of the following conditions: (1) The configuration uses neither volume managers nor clusterware (2) The configuration meets both of the following conditions: - The HDLM device of the boot disk is managed by SVM, and mirroring is adopted as a RAID level (up to three-way mirroring is supported). - The HBA is qla234x and the HBA driver is a qlc driver. (3) The configuration meets all of the following conditions: - The HDLM version is 6.5.1-00 or later - The OS is Solaris 10 - The HDLM device of the boot disk is managed by ZFS (4) The configuration meets all of the following conditions: - The OS is Solaris 11, 11.1, 11.2, or 11.3. - The HDLM device of the boot disk is managed by ZFS. |
| 9 | This is supported only in Solaris 10, Solaris 11, Solaris 11.1, Solaris 11.2, or Solaris 11.3. |
| 10 | Configurations that use Clusterware are not supported. |
| 11 | This product is mutually exclusive with HDLM. |
| 12 | HDLM and other path management software may be able to coexist if they manage separate storage systems. Please contact appropriate person in HDS |
| 13 | Solaris MPxIO and HDLM can coexist only if all of the following conditions are met: - Solaris MPxIO and HDLM manage separate storage systems. - Solaris MPxIO and HDLM use separate HBAs. |
| 14 | HDLM is supported only in environments installed in a Global Zone, and is not supported in environments installed in a Non-Global Zone. HDLM can manage paths only from a Global Zone. To use HDLM devices in a Non-Global Zone, allocate the HDLM devices of LUs or controllers from a Global Zone to a Non-Global Zone. |
| 15 | The following Oracle VM Server versions are supported on Solaris 10: Oracle VM Server 1.2, 1.3, 2.0, 2.1, 2.2,3.1 The following Oracle VM Servers versions are supported on Solaris 11: Oracle VM Server 2.1, 2.2 The following Oracle VM Servers versions are supported on Solaris 11.1: Oracle VM Server 3.0, 3.1 The following Oracle VM Servers versions are supported on Solaris 11.2: Oracle VM Server 3.1.1 The following Oracle VM Servers versions are supported on Solaris 11.2: Oracle VM Server 3.2 |
| 16 | To use Oracle VM Server for Solaris, all of the following conditions must be met: - The domain in which HDLM is to be installed is an I/O domain. - If a cluster configuration is used for primary domains, the cluster version must be supported. (The configuration must be one of the supported configurations described on the sheet "22. Clusters and VMs".) Note that, if a cluster configuration is used for guest domains, Oracle VM Server is not supported. |
| 18 | Microprogram version 08B8/D or later is required for using Dynamic I/O Path Control on the Hitachi AMS2000 series/Hitachi SMS series. |
| 19 | Supported with some conditions customer-by-customer basis (SUI 044226). Please contact appropriate person in HDS |
| 20 | For a boot disk for which the EFI disk label is set, only non-cluster configurations are supported. Cluster configurations are not supported. |
| 22 | SR-IOV (single root I/O virtualization) is supported when using the following product: Solaris Sun Storage 16 Gb Fibre Channel PCIe Universal Host Bus Adapter, Qlogic. However, the supported OS versions are Solaris 11.2 or later. |
| 23 | Global-active devices are supported. |
| 24 | High Availability is supported. |
| 25 | A refresh operation that reflects the setting of the non-preferred path option to HDLM is supported when a global-active device (called the High Availability feature in the case of XP7) is used. |
| 26 | For information about functional restrictions, see the HAM User Guide. |
| 27 | Apply this version when a global-active device is used. |
| 28 | When you use a normal VOL as a global-active device pair VOL, use this version. |
| 29 | When you use a normal VOL as a High Availability pair VOL, use this version. |
| 30 | The dlnmgr command and HGLM display "VSP_Gx00" as the model ID of the storage system. |

IMPORTANT NOTE

HDLM is dependent only on the driver version, not the HBA model. For this reason, specific HBA models are no longer listed, just driver versions. So if the HBA driver version is supported, then HDLM is supported. This also means that OEM versions are supported, as long as the driver is supported.

| Solaris 8 SPARC | | | HDLM Version | | |
|-----------------|---------------|---------|--------------|-------|-------|
| OS | HBA | Driver | 8.2.0 | 8.2.1 | 8.4.0 |
| Solaris 8 SPARC | Fibre Channel | SUN | | | |
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| Solaris 8 SPARC | Fibre Channel | AMCC | | | |
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| Solaris 8 SPARC | Fibre Channel | Emulex | | | |
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| Solaris 8 | SCSI | SUN | | | |
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| Supported | |
| Not Supported | |

| Notes | |
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| HDLM is not supported on x86 for any Solaris version. | |
| B SAN Boot is supported. | |
| 1 | Sun StorEdge™ SAN Foundation Software is required. This is available at the My Oracle Support website(https://support.oracle.com/). |
| 2 | Edit and set the /kernel/drv/lpfc.conf file as follows: - no-device-delay=0 - nodev-holdio=0 - Set nodev-tmo to 30 or greater. - When connecting to storage system either directly via an FC HUB (loop mode only): topology=4 - When connecting to storage system via an FC Switching HUB (point-to-point mode only): topology=2 |
| 3 | Please refer to the below document at My Oracle Support website (https://support.oracle.com/) Bug ID: 4897065 Bug ID: 6288500 |
| 4 | Set the /kernel/drv/qla2200.conf file or /kernel/drv/qla2300.conf file as follows: - hbaX-link-down-error=1 - hbaX-fast-error-reporting=1 (Specify this only for HBA driver versions that support this parameter.) Note: "X" refers to the HBA driver instance. |
| 5 | In case of using this HBA driver, the phenomenon of the followings reported by BugID 15354368(SUNBT6479229) at the My Oracle Support website (https://support.oracle.com/) may occur. - Re-instating function and FailFast probe function are uN/Available. |
| 6 | In case of using this HBA driver, the phenomenon of the followings reported by BugID 15353733 (SUNBT6477754) at the My Oracle Support website (https://support.oracle.com/) may occur. - Long time to re-attach the ssd driver instance after all the trobled path recovered |
| 7 | If the server is started with a disconnected path, and then the path is connected and recovered, execute the cfgadm -c configure command before entering the dlkmgr online command, to make Solaris recognize the storage system. In a Solaris 10 environment, even when the cfgadm -c configure command is executed, the host might not always recognize the storage system. If this happens, after the path is recovered, reboot the host so that it recognizes the storage system. |
| 8 | This is only supported when using the following HBA models provided by Oracle: - X6729A - X6730A |

| Solaris 9 SPARC | | | HDLM Version | | |
|-----------------|---------------|---------|------------------------|-------|-------|
| | | | 8.2.0 | 8.2.1 | 8.4.0 |
| OS | HBA | Driver | | | |
| Solaris 9 SPARC | Fibre Channel | SUN | SAN 4.2 | | |
| | | | SAN 4.4 | | |
| | | | SAN 4.4.2 | | |
| | | | SAN 4.4.4 | | |
| | | | SAN 4.4.11 | | |
| | | | SAN 4.4.12 | | |
| | | | SAN 4.4.13 | | |
| | | | SAN 4.4.14 | | |
| | | | SAN 4.4.15 | | |
| | | AMCC | 2.6.12 | | |
| | | | 4.1.3 | | |
| | | | 5.3 | | |
| | | | 5.3.0.11 | | |
| | | | 5.3.0.11.HIT.M08 | | |
| | | Emulex | 5.01e | | |
| | | | 5.02d | | |
| | | | 6.00g | | |
| | | | 6.02f | | |
| | | | 6.02h | | |
| | | | 6.11c | | |
| | | | 6.11cx2 | | |
| | | | 6.21g | | |
| | | Qlogic | 4.08 | | |
| | | | 4.13.01 | | |
| | | | 5.03 | | |
| | | | 5.04 | | |
| | | Fujitsu | V2.2.1 +Patch912069-02 | | |
| | | | 2.2.1 | | |
| | | | 2.2.1+Update2 | | |
| | | | 3.0 | | |
| | | | 3.0 + Update 1 | | |

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| Supported | |
| Not Supported | |

| Notes | |
|---|---|
| HDLM is not supported on x86 for any Solaris version. | |
| B SAN boot is supported. | |
| 2 | Edit and set the /kernel/drv/lpfc.conf file as follows: - no-device-delay=0 - nodev-holdio=0 - Set nodev-tmo to 30 or greater. - When connecting to storage system either directly via an FC HUB (loop mode only): topology=4 - When connecting to storage system via an FC Switching HUB (point-to-point mode only): topology=2 |
| 3 | Sun StorEdge™ SAN Foundation Software is required. This is available at the My Oracle Support website. . |
| 4 | Please refer to the below document at My Oracle Support website (https://support.oracle.com/) Bug ID: 4897065 Bug ID: 6288500 |
| 7 | Set the /kernel/drv/qla2200.conf file or /kernel/drv/qla2300.conf file as follows: - hbaX-link-down-error=1 - hbaX-fast-error-reporting=1 (Specify this only for HBA driver versions that support this parameter.) Note: "X"refers to the HBA driver instance. |
| 9 | In case of using this HBA driver, the phenomenon of the followings reported by BugID 15354368(SUNBT6479229) at the My Oracle Support website (https://support.oracle.com/) may occur. - Re-instating function and FailFast probe function are uN/Available. |
| 10 | In case of using this HBA driver, the phenomenon of the followings reported by BugID 15353733 (SUNBT6477754) at the My Oracle Support website (https://support.oracle.com/) may occur. - Long time to re-attach the ssd driver instance after all the trobled path recovered |
| 11 | In case of using this HBA driver, the phenomenon of the followings reported by BugID 15354375(SUNBT6479243) at the My Oracle Support website (https://support.oracle.com/) may occur. -The kernel panic in mutex_exit() or mutex_enter() |
| 19 | If the server is started with a disconnected path, and then the path is connected and recovered, execute the cfgadm -c configure command before entering the dlkmgr online command, to make Solaris recognize the storage system. In a Solaris 10 environment, even when the cfgadm -c configure command is executed, the host might not always recognize the storage system. If this happens, after the path is recovered, reboot the host so that it recognizes the storage system. |

| Solaris 10 SPARC | | | HDLM Version | | | |
|------------------|-----------------------------|---------|-------------------|-------------------|-------------------|-------------------|
| | | | 8.2.0 | 8.2.1 | 8.4.0 | |
| OS | HBA | Driver | | | | |
| Solaris 10 SPARC | Fibre Channel | SUN | Solaris 10 Bundle | B 4,5,9,20 | B 4,5,9,20 | B 4,5,9,20 |
| | | Emulex | 6.02f | 2 | 2 | 2 |
| | | | 6.02h | 2 | 2 | 2 |
| | | | 6.11c | 2 | 2 | 2 |
| | | | 6.11cx2 | 2 | 2 | 2 |
| | | | 6.21g | 2 | 2 | 2 |
| | | QLogic | 5.03 | 7 | 7 | 7 |
| | | | 5.04 | 7 | 7 | 7 |
| | | Fujitsu | 3.0 + Update1 | | | |
| | | | 4.0 | B, 17 | B, 17 | B, 17 |
| | | | 4.0 + Update1 | B, 17 | B, 17 | B, 17 |
| | | | 4.0 + Update2 | B, 17 | B, 17 | B, 17 |
| | | Brocade | bfa 1.1.0.4 | 18 | 18 | 18 |
| | | | bfa 2.1.0.1 | 18 | 18 | 18 |
| | Fibre Channel over Ethernet | SUN | Solaris 10 Bundle | B,4,5,9,20,2 2 | B,4,5,9,20,2 2 | B,4,5,9,20,2 2 |
| | | Brocade | bfa 2.3.0.6 | 18 | 18 | 18 |

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|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|---|--|
| HDLM is not supported on x86 for any Solaris version. | |
| B SAN boot is supported. | |
| 2 | Edit and set the /kernel/drv/lpfc.conf file as follows: - no-device-delay=0 - nodev-holdio=0 - Set nodev-tmo to 30 or greater. - When connecting to storage system either directly via an FC HUB (loop mode only): topology=4 - When connecting to storage system via an FC Switching HUB (point-to-point mode only): topology=2 |
| 4 | Please refer to the below document at My Oracle Support website (https://support.oracle.com/) Bug ID: 4897065 Bug ID: 6288500 |
| 5 | Requires Solaris 10 attachment driver. |
| 7 | Set the /kernel/drv/qla2200.conf file or /kernel/drv/qla2300.conf file as follows: - hbaX-link-down-error=1 - hbaX-fast-error-reporting=1 (Specify this only for HBA driver versions that support this parameter.) Note: "X"refers to the HBA driver instance. |
| 9 | In case of using this HBA driver, the phenomenon of the followings reported by BugID 15354368(SUNBT6479229) at the My Oracle Support website (https://support.oracle.com/) may occur. - Re-instating function and FailFast probe function are uN/Available. |
| 17 | Edit and set the /kernel/drv/fjpfca.conf file as follows: - failover_function=1 |
| 18 | Apply the following patches: 119130-33 (or later) SunOS 5.10: Sun Fibre Channel Device Drivers 119974-09 (or later) SunOS 5.10: fp plug-in for cfgadm 120346-09 (or later) SunOS 5.10: Common Fibre Channel HBA API and Host Bus Adapter Libraries |
| 19 | If the server is started with a disconnected path, and then the path is connected and recovered, execute the cfgadm -c configure command before entering the linkmgr online command, to make Solaris recognize the storage system. In a Solaris 10 environment, even when the cfgadm -c configure command is executed, the host might not always recognize the storage system. If this happens, after the path is recovered, reboot the host so that it recognizes the storage system. |

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| 20 | <p>Apply the following patches:</p> <p>(1) The following HBA models provided by Oracle: - X6727A, X6748A, X6757A, X6799A, SG-XPCI1FC-QF2<X6767A>, SG-XPCI2FC-QF2<X6768A>, SG-XPCI2FC-QF2-Z, SG-XPCI1FC-QL2, SG-XPCI1FC-QF4, SG-XPCI2FC-QF4, SG-XPCIE1FC-QF4, and SG-XPCIE2FC-QF4</p> <p>(2) The following HBA models provided by Qlogic: - QLA2300F, QLA2310F, QLA2332, QLA2340, QLA2342, QLA2344, QLA2460, QLA2462, QLE2460, QLE2462, QLE2464, QCP2332, QCP2330, QCP2340, and QCP2342</p> <p>Patches to be applied in the case of (1) or (2): 119130-22 (or later) SunOS 5.10: Sun Fibre Channel Device Drivers 119974-04 (or later) SunOS 5.10: fp plug-in for cfgadm 120182-02 (or later) SunOS 5.10: Sun Fibre Channel Host Bus Adapter Library 120346-04 (or later) SunOS 5.10: Common Fibre Channel HBA API Library</p> <p>(3) The following HBA models provided by Oracle: - SG-XPCI1FC-EM2, SG-XPCI2FC-EM2, SG-XPCI1FC-EM4-Z, SG-XPCI2FC-EM4-Z, SG-XPCIE1FC-EM4, and SG-XPCIE2FC-EM4</p> <p>(4) The following HBA models provided by Emulex: - LP9002, LP9802, LP10000, LP10000DC, LP11000, LP11002, LPe11000, and LPe11002</p> <p>Patches to be applied in the case of (3) or (4): 119130-22 (or later) SunOS 5.10: Sun Fibre Channel Device Drivers 119974-04 (or later) SunOS 5.10: fp plug-in for cfgadm 120182-02 (or later) SunOS 5.10: Sun Fibre Channel Host Bus Adapter Library 120222-11 (or later) SunOS 5.10: Emulex-Sun LightPulse Fibre Channel Adapter driver 120346-04 (or later) SunOS 5.10: Common Fibre Channel HBA API Library</p> <p>(5) The following HBA models provided by Oracle: - SG-XPCIE1FC-QF8-Z, SG-XPCIE2FC-QF8-Z, and SG-XPCIE2FC-QB4-Z</p> <p>(6) The following HBA models provided by Qlogic: - QLE2560, QLE2562, and QEM2462</p> <p>Patches to be applied in the case of (5) or (6): 119130-33 (or later) SunOS 5.10: Sun Fibre Channel Device Driver 119974-09 (or later) SunOS 5.10: fp plug-in for cfgadm 120346-09 (or later) SunOS 5.10: Common Fibre Channel HBA API and Host Bus Adapter Libraries 125166-10 (or later) SunOS 5.10: Qlogic ISP Fibre Channel Device Driver</p> <p>(7)The following HBA models provided by Oracle: - SG-XPCIE1FC-EM8-Z, SG-XPCIE2FC-EM8-Z, and SG-XPCIE2FC-EB4-Z</p> <p>(8) The following HBA models provided by Emulex: - LPe12000 and LPe12002</p> <p>Patches to be applied in the case of (7) or (8): 119130-33 (or later) SunOS 5.10: Sun Fibre Channel Device Drivers 119974-09 (or later) SunOS 5.10: fp plug-in for cfgadm 120222-27 (or later) SunOS 5.10: Emulex-Sun LightPulse Fibre Channel Adapter driver 120346-09 (or later) SunOS 5.10: Common Fibre Channel HBA API and Host Bus Adapter Libraries</p> <p>(9) The following HBA model provided by Oracle: - SG-XPCIE2FCGBE-Q-Z</p> <p>Patches to be applied in the case of (9): 119130-33 (or later) SunOS 5.10: Sun Fibre Channel Device Drivers 119974-09 (or later) SunOS 5.10: fp plug-in for cfgadm 120346-09 (or later) SunOS 5.10: Common Fibre Channel HBA API and Host Bus Adapter Libraries 125166-12 (or later) SunOS 5.10: Qlogic ISP Fibre Channel Device Driver</p> <p>(10) The following HBA model provided by Oracle: - SG-XPCIE2FCGBE-E-Z</p> <p>Patches to be applied in the case of (10): 119130-33 (or later) SunOS 5.10: Sun Fibre Channel Device Drivers 119974-09 (or later) SunOS 5.10: fp plug-in for cfgadm 120222-29 (or later) SunOS 5.10: Emulex-Sun LightPulse Fibre Channel Adapter driver 120346-09 (or later) SunOS 5.10: Common Fibre Channel HBA API and Host Bus Adapter Libraries</p> <p>(11) The following CNA models provided by Emulex: - LP21000, LP21002, OCe10102, and OCe11102</p> <p>Patches to be applied in the case of (11): 145096-03 (or later) SunOS 5.10: oce driver patch 145098-04 (or later) SunOS 5.10: emlxs driver patch</p> <p>(12)The following CNA models provided by Qlogic -QLE8140, QLE8142</p> <p>The patches which should be applied in the case of (12) 143957-05 (or later) SunOS 5.10: qlc patch</p> |
| 22 | <p>SAN boot is not supported when using CNA provided by Emulex.</p> |

| Solaris 11 SPARC | | | | HDLM Version | | |
|--------------------|-----------------------------|-----|-------------------|--------------|-------|-------|
| OS | HBA | | Driver | 8.2.0 | 8.2.1 | 8.4.0 |
| Solaris 11 SPARC | Fibre Channel | SUN | Solaris 11 Bundle | B,1 | B,1 | B,1 |
| | Fibre Channel over Ethernet | SUN | Solaris 11 Bundle | B,1,2 | B,1,2 | B,1,2 |
| Solaris 11.1 SPARC | Fibre Channel | SUN | Solaris 11 Bundle | B,1 | B,1 | B,1 |
| | Fibre Channel over Ethernet | SUN | Solaris 11 Bundle | 1,3 | 1,3 | 1,3 |
| Solaris 11.2 SPARC | Fibre Channel | SUN | Solaris 11 Bundle | B,1 | B,1 | B,1 |
| | Fibre Channel over Ethernet | SUN | Solaris 11 Bundle | 1,3 | 1,3 | 1,3 |
| Solaris 11.3 SPARC | Fibre Channel | SUN | Solaris 11 Bundle | | | B,1 |
| | Fibre Channel over Ethernet | SUN | Solaris 11 Bundle | | | 1,3 |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|---|--|
| HDLM is not supported on x86 for any Solaris version. | |
| B | SAN boot is supported. |
| 1 | Requires Solaris 11 attachment driver. |
| 2 | SAN boot is not supported when using CNA provided by Emulex. |
| 3 | SAN boot configurations are not supported. |

| Red Hat & SuSE Enterprise Linux | | HDLM Version | | |
|--|--|--------------|-------|-------|
| | | 8.2.0 | 8.2.1 | 8.4.0 |
| Product Modifications and Additional Functions | Manual Fail Over | | | |
| | Manual Fail Back | | | |
| | Automatic Fail Over | | | |
| | Automatic Fail Back | | | |
| | Load Balance (Round Robin) | | | |
| | Load Balance (Extended Round Robin) | | | |
| | Load Balance (Least I/O) | | | |
| | Load Balance (Extended Least I/O) | | | |
| | Load Balance (Least Blocks) | | | |
| | Load Balance (Extended Least Blocks) | | | |
| | Load Balance Under Cluster | | | |
| | Automatic Discovery | | | |
| | Error Log | | | |
| | CLI | 45 | 45 | 45 |
| | Path Blockade | | | |
| | Health Check | | | |
| | Online(E) | | | |
| | Health Check Time (1 min to 24 hr) | | | |
| | Dynamic Reconfiguration | | | |
| | Offline For Each HBA (CLI) | | | |
| | Target Side Failover | | | |
| | Boot Disk | 29 | 29 | 29 |
| | Upgrade Install | | | |
| | Service Pack | | | |
| | Persistent Reserve Clear Utility | | | |
| | Internationalization Environment | | | |
| | Support for UDEV | | | |
| | SCSI Inquiry Timeout Setup | | | |
| | Install Log Output / Collect | | | |
| | Unattended Installation and Configuration | | | |
| | Audit Log | | | |
| | Silent installation | | | |
| | GFS2 filesystem | | | |
| | System Script Update Utility (dlmupdatesysinit) | | | |
| | The function of displaying WWN of a HBA | | | |
| | Xen (virtualization) | | | |
| | LUKS of RHEL5.3 or later | | | |
| | KVM of RHEL5.4 or later | | | |
| | online/offline path by SCSI device name | | | |
| | High Availability Manager | 46 | 46 | 46 |
| | iSCSI with AMS 2000 Series | | | |
| | Dynamic I/O Path Control | 41 | 41 | 41 |
| | Specifying the number of times the same path can be used for I/O operations when the load balancing is used. | | | |
| | Specifying the number of times the same path can be used for random I/O operations when extended load balancing is used. | | | |
| | md devices of RHEL5/RHEL6 or later | | | |

| Supported Storage Systems | Storage System | Interface | Microcode version | | | |
|---------------------------|--|-----------------------------|------------------------------|------|------|------|
| | Hitachi Thunder 9530V | Fibre Channel | 0653/B or later | | | |
| | Hitachi Thunder 9570V | Fibre Channel | 0653/B or later | | | |
| | Hitachi Thunder 9580V | Fibre Channel | 1654/A or later | | | |
| | Hitachi Adaptable Modular Storage AMS200 | Fibre Channel | 0712/A or later | | | |
| | Hitachi Adaptable Modular Storage AMS500 | Fibre Channel | 0712/A or later | | | |
| | Hitachi Adaptable Modular Storage AMS1000 | Fibre Channel | 0712/A or later | | | |
| | Hitachi Adaptable Modular Storage AMS2100 | Fibre Channel | 0832/E or later | | | |
| | | iSCSI | 0846/A or later | | | |
| | Hitachi Adaptable Modular Storage AMS2300 | Fibre Channel | 0832/E or later | | | |
| | | iSCSI | 0846/A or later | | | |
| | Hitachi Adaptable Modular Storage AMS2500 | Fibre Channel | 0832/E or later | | | |
| | | iSCSI | 0846/A or later | | | |
| | Hitachi Unified Storage 110 | Fibre Channel | 0915/A or later | | | |
| | | iSCSI | 0915/A or later | | | |
| | Hitachi Unified Storage 130 | Fibre Channel | 0915/A or later | | | |
| | | iSCSI | 0915/A or later | | | |
| | Hitachi Unified Storage 150 | Fibre Channel | 0915/A or later | | | |
| | | iSCSI | 0915/A or later | | | |
| | Hitachi Workgroup Modular Storage WMS100 | Fibre Channel | 0720/A or later | | | |
| | Hitachi Lightning 9900V | Fibre Channel | 21-05-00-XX/XX or later | | | |
| | Hitachi Universal Storage Platform V | Fibre Channel | 60-00-05-XX/XX or later | | | |
| | Hitachi Universal Storage Platform VM | Fibre Channel | 60-01-61-XX/XX or later | | | |
| | Hitachi Universal Storage Platform | Fibre Channel | 50-01-19-XX/XX or later | | | |
| | Hitachi Virtual Storage Platform | Fibre Channel | 70-01-00-XX/XX or later | | | |
| | | Fibre Channel over Ethernet | 70-02-5X-XX/XX or later | | | |
| | Hitachi Virtual Storage Platform G1000 | Fibre Channel | 80-01-2X-XX/XX or later | 43 | 43 | 43 |
| | | Fibre Channel over Ethernet | 80-02-0X-XX/XX or later | 43 | 43 | 43 |
| | | Fibre Channel | 80-02-4X-XX/XX or later | 49 | 49 | 49 |
| | Hitachi Virtual Storage Platform G200 | Fibre Channel | 83-01-01-20/XX or later | | | |
| | | Fibre Channel | 83-01-2X-20/XX or later(*48) | | | |
| | | iSCSI | 83-01-01-20/XX or later | | | |
| | Hitachi Virtual Storage Platform G400 | Fibre Channel | 83-01-01-40/XX or later | | | |
| | | Fibre Channel | 83-01-2X-40/XX or later(*48) | | | |
| | | iSCSI | 83-01-01-40/XX or later | | | |
| | Hitachi Virtual Storage Platform G600 | Fibre Channel | 83-01-01-40/XX or later | | | |
| | | Fibre Channel | 83-01-2X-40/XX or later(*48) | | | |
| | | iSCSI | 83-01-01-40/XX or later | | | |
| | Hitachi Virtual Storage Platform G800 | Fibre Channel | 83-01-2X-60/XX or later | | | |
| | | iSCSI | 83-01-2X-60/XX or later | | | |
| | Hitachi Virtual Storage Platform F400 | Fibre Channel | 83-02-01-40/XX or later | | 51 | 51 |
| | | | 83-03-01-40/XX or later | | | |
| | Hitachi Virtual Storage Platform F600 | Fibre Channel | 83-02-01-40/XX or later | | 51 | 51 |
| | | | 83-03-01-40/XX or later | | | |
| | Hitachi Virtual Storage Platform F800 | Fibre Channel | 83-02-01-60/XX or later | | 51 | 51 |
| | | | 83-03-01-60/XX or later | | | |
| | Hitachi Unified Storage VM | Fibre Channel | 73-01-0X-XX/XX or later | 47 | 47 | 47 |
| | Hitachi Network Storage Controller NSC55 | Fibre Channel | 50-01-19-XX/XX or later | | | |
| | SMS 100 | Fibre Channel | 1810/N or later | | | |
| | HP StorageWorks XP 1024 / XP128 Disk Array | Fibre Channel | 21-13-02-XX/XX or later | | | |
| | HP StorageWorks XP12000 Disk Array | Fibre Channel | 50-08-05-XX/XX or later | 7,8 | 7,8 | 7,8 |
| | HP StorageWorks XP20000 Disk Array | Fibre Channel | 60-01-61-XX/XX or later | 8 | 8 | 8 |
| | HP StorageWorks XP24000 Disk Array | Fibre Channel | 60-01-24-XX/XX or later | 8 | 8 | 8 |
| | HP StorageWorks P9500 Disk Array | Fibre Channel | 70-01-00-XX/XX or later | 8 | 8 | 8 |
| | | Fibre Channel over Ethernet | 70-02-5X-XX/XX or later | 8 | 8 | 8 |
| | HP XP7 Storage | Fibre Channel | 80-01-2X-XX/XX or later | 8,44 | 8,44 | 8,44 |
| | | Fibre Channel over Ethernet | 80-02-0X-XX/XX or later | 8,44 | 8,44 | 8,44 |
| | | Fibre Channel | 80-02-4X-XX/XX or later | 50 | 50 | 50 |
| | SVS | Fibre Channel | 50-07-63-XX/XX | 8 | 8 | 8 |
| Exclusive Products | Hitachi Path Manager | | | | | |
| | VxVM-DMP | | | 31 | 31 | 31 |
| | PowerPath | | | | | |
| | DeviceMapper-Multipath | | | | | |

| Supported | |
|---------------|--|
| Not Supported | |

| Notes | |
|-------|---|
| 7 | This is only supported in Red Hat Enterprise AS3/ES3 and AS4/ES4. |
| 8 | Not supported in conjunction with Hitachi Compute Blade |
| 29 | For details on Red Hat SAN boot support, see "9-1. Red Hat Linux HBA". For details on SuSE SAN boot support, see "9-2. Oracle Unbreakable HBA ". For details on SuSE SAN boot support, see "10. SuSE Linux HBA". |
| 31 | HDLM and other path management software may be able to coexist if they manage separate storage systems. Please contact appropriate person in HDS. |
| 41 | Microprogram version 08B8/D or later is required for using Dynamic I/O Path Control on Hitachi AMS2000 series/Hitachi SMS series. |
| 42 | Supported with some conditions customer-by-customer basis (SUI 044226). Please contact appropriate person in HDS. |
| 43 | Global-active devices are supported. |
| 44 | High Availability is supported. |
| 45 | A refresh operation that reflects the setting of the non-preferred path option to HDLM is supported when a global-active device (called the High Availability feature in the case of XP7) is used. |
| 46 | For information about functional restrictions, see the HAM User Guide. |
| 47 | Expand V-VOLs are available for use. However, make sure to exclude all managed HDLM devices from the management targets before using the Expand V-VOLs. After using the Expand V-VOLs, change the HDLM devices not managed by HDLM into them managed by HDLM. |
| 48 | Apply this version when a global-active device is used. |
| 49 | When you use a normal VOL as a global-active device pair VOL, use this version. |
| 50 | When you use a normal VOL as a High Availability pair VOL, use this version. |

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| 51 | The dlnkmgr command and HGLM display "VSP_Gx00" as the model ID of the storage system. |
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IMPORTANT NOTE

Security fix kernels can be supported without ISRs if their base kernels are supported and all of conditions below are met.

(1) The security fix kernels are for RHEL4.5/ SLES10 or later.

(2) Bundled driver versions of the security fix kernels are the same as the bundled driver versions of the supported base kernels.

If your requested security fix kernel is for RHEL4.4/SLES9 or before, or has a different bundled driver version from one of the base kernel, please contact appropriate person in HDS for an Interoperability Support Request (ISR).

HDLM is dependent only on the driver version, not the HBA model. For this reason, specific HBA models are no longer listed, just driver versions. So if the HBA driver version is supported, then HDLM is supported. This also means that OEM versions are supported, as long as the driver is supported.

All drivers applied to Hitachi HBA cards for Hitachi Compute Blade are supported.

| Red Hat Enterprise Linux | | | HDLM Version | | |
|--|---------------|---------|--------------|-------|-------|
| OS | HBA | Driver | 8.2.0 | 8.2.1 | 8.4.0 |
| Red Hat Enterprise Linux AS/ES 3 (Update3) IA32 / x86 Processors Kernel 2.4.21-20.EL 2.4.21-20.ELsmp 2.4.21-20.ELhugemem | Fibre Channel | QLogic | 6.06.10 | | |
| | | | 7.00.03 | | |
| | | | 7.00.03_RH1 | | |
| | | | 7.01.01 | | |
| | | | 7.03.00 | | |
| | | | 7.05.00 | | |
| | | Emulex | 2.01g | | |
| | | | 7.0.3 | | |
| | | | 7.3.2 | | |
| | | | | | |
| Red Hat Enterprise Linux AS/ES 3 (Update3) EM64T Processors Kernel 2.4.21-20.EL | Fibre Channel | QLogic | 6.06.10 | | |
| | | | 7.00.03 | | |
| | | | 7.00.03_RH1 | | |
| | | Emulex | 7.2.4 | | |
| | | | 7.3.2 | | |
| | | | | | |
| Red Hat Enterprise Linux AS/ES 3 (Update3) Itanium / IA64 Processors Kernel 2.4.21-20.EL | Fibre Channel | QLogic | 6.06.10 | | |
| | | | 7.00.03 | | |
| | | | 7.00.03_RH1 | | |
| | | Emulex | 7.03.00 | | |
| | | | 2.01g | | |
| | | | 7.0.3 | | |
| Red Hat Enterprise Linux AS/ES 3 (Update5+SecurityFix) IA32 / x86 Processors Kernel 2.4.21-32.0.1.EL 2.4.21-32.0.1.ELhugemem | Fibre Channel | QLogic | 7.01.01-RH1 | | |
| | | | 7.03.00 | | |
| | | Emulex | 7.1.14 | | |
| | | | 7.3.2 | | |
| Red Hat Enterprise Linux AS/ES 3 (Update5+SecurityFix) EM64T Processors Kernel 2.4.21-32.0.1.EL | Fibre Channel | QLogic | 7.01.01-RH1 | | |
| | | | 7.03.00 | | |
| | | Emulex | 7.1.14 | | |
| | | | 7.3.2 | | |
| Red Hat Enterprise Linux AS/ES 3 (Update5+SecurityFix) AMD64 Processors Kernel 2.4.21-32.0.1.EL | Fibre Channel | QLogic | 7.01.01-RH1 | | |
| | | | 7.03.00 | | |
| | | Emulex | 7.1.14 | | |
| | | | 7.3.2 | | |
| Red Hat Enterprise Linux AS/ES 3 (Update5+SecurityFix) Itanium / IA64 Processors Kernel 2.4.21-32.0.1.EL | Fibre Channel | QLogic | 7.01.01-RH1 | | |
| | | | 7.03.00 | | |
| | | Emulex | 7.1.14 | | |
| | | | 7.3.2 | | |
| Red Hat Enterprise Linux AS/ES 3 (Update8) IA32 / x86 Processors Kernel 2.4.21-47.EL 2.4.21-47.ELsmp 2.4.21-47.ELhugemem | Fibre Channel | QLogic | 7.07.04b6 | | |
| | | | 7.07.05 | | |
| | | | 7.01.01 | | |
| | | Emulex | 7.3.6 | | |
| | | Hitachi | 1.0.7.300 | | |
| Red Hat Enterprise Linux AS/ES 3 (Update8) EM64T Processors Kernel 2.4.21-47.EL 2.4.21-47.ELsmp | Fibre Channel | QLogic | 7.07.04b6 | | |
| | | | 7.07.05 | | |
| | | Emulex | 7.01.01 | | |
| | | | 7.3.6 | | |
| Red Hat Enterprise Linux AS/ES 3 (Update8) AMD64 Processors Kernel 2.4.21-47.EL 2.4.21-47.ELsmp | Fibre Channel | QLogic | 7.07.04b6 | | |
| | | | 7.07.05 | | |
| | | | 7.01.01 | | |
| | | Emulex | 7.3.6 | | |
| | | Hitachi | 4.0.7.300 | | |
| Red Hat Enterprise Linux AS/ES 3 (Update8) Itanium / IA64 Processors Kernel 2.4.21-47.EL 2.4.21-47.ELsmp | Fibre Channel | QLogic | 7.07.04b6 | | |
| | | | 7.07.05 | | |
| | | | 7.01.01 | | |
| | | Emulex | 7.3.6 | | |

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|--|-----------------------------|---------|--------------|--|--|--|
| Red Hat Enterprise Linux AS/ES 3 (Update9) IA32 / x86 Processors Kernel 2.4.21-50.EL 2.4.21-50.ELsmp 2.4.21-50.hugemem | Fibre Channel | QLogic | 7.07.04b6 | | | |
| | | Emulex | 7.3.6 | | | |
| Red Hat Enterprise Linux AS/ES 3 (Update9) Itanium / IA64 Processors Kernel 2.4.21-50.EL | Fibre Channel | QLogic | 7.07.04b6 | | | |
| | | Emulex | 7.3.6 | | | |
| Red Hat Enterprise Linux AS/ES 3 (Update9) AMD64 / EM64T Processors Kernel 2.4.21-50.EL 2.4.21-50.ELsmp | Fibre Channel | QLogic | 7.07.04b6 | | | |
| | | Emulex | 7.3.6 | | | |
| Red Hat Enterprise Linux AS/ES 4 (Update1) IA32 / x86 Processors Kernel 2.6.9-11.EL 2.6.9-11.ELsmp 2.6.9-11.ELhugemem | Fibre Channel | QLogic | 8.00.00b21-k | | | |
| | | | 8.00.02 | | | |
| | | | 8.01.01 | | | |
| | | Hitachi | Bundle | | | |
| Red Hat Enterprise Linux AS 4 (Update1) Itanium / IA64 Processors Kernel 2.6.9-11.EL | Fibre Channel | QLogic | 8.00.00b21-k | | | |
| | | | 8.00.02 | | | |
| | | | 8.01.01 | | | |
| Red Hat Enterprise Linux AS/ES 4 (Update1) X64 / x86_64 Processors Kernel 2.6.9-11.EL 2.6.9-11.ELsmp | Fibre Channel | QLogic | 8.00.00b21-k | | | |
| | | | 8.00.02 | | | |
| | | | 8.01.01 | | | |
| | | Hitachi | Bundle | | | |
| Red Hat Enterprise Linux AS/ES 4 (Update3) IA32 / x86 Processors Kernel 2.6.9-34.EL 2.6.9-34.ELsmp 2.6.9-34.ELhugemem | Fibre Channel | QLogic | 8.01.02-d4 | | | |
| | | | 8.01.04 | | | |
| | | | 8.01.06 | | | |
| | | Emulex | 8.0.16.27 | | | |
| | | | 8.0.16.32 | | | |
| | | | 8.01.03p5 | | | |
| | | HP | 8.0.16.27 | | | |
| | | | 8.0.16.32 | | | |
| | | | 8.01.06 | | | |
| | | IBM | 8.01.06 | | | |
| | | Hitachi | Bundle | | | |
| | Fibre Channel over Ethernet | Emulex | 8.0.16.44 | | | |
| | | | | | | |
| Red Hat Enterprise Linux AS/ES 4 (Update3) Itanium / IA64 Processors Kernel 2.6.9-34.EL | Fibre Channel over Ethernet | QLogic | 8.01.02-d4 | | | |
| | | | 8.01.04 | | | |
| | | | 8.01.06 | | | |
| | | Emulex | 8.0.16.27 | | | |
| | | | 8.0.16.32 | | | |
| | | | 8.0.16.27 | | | |
| | | IBM | 8.01.06 | | | |
| | | | 8.0.16.44 | | | |
| | | Emulex | 8.0.16.44 | | | |
| | | | | | | |
| Red Hat Enterprise Linux AS/ES 4 (Update3) X64 / x86_64 Processors Kernel 2.6.9-34.EL 2.6.9-34.ELsmp 2.6.9-34.ELlargesmp | Fibre Channel | QLogic | 8.01.02-d4 | | | |
| | | | 8.01.04 | | | |
| | | | 8.01.06 | | | |
| | | Emulex | 8.0.16.27 | | | |
| | | | 8.0.16.32 | | | |
| | | | 8.0.16.27 | | | |
| | | HP | 8.0.16.32 | | | |
| | | | 8.0.16.27 | | | |
| | | IBM | 8.01.06 | | | |
| | | Hitachi | Bundle | | | |
| | Fibre Channel over Ethernet | Emulex | 8.0.16.44 | | | |
| | | | | | | |

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|---|-----------------------------|--------|------------|--|--|--|
| Red Hat Enterprise Linux AS/ES 4 (Update3 + Security Fix) IA32 / x86 Processors Kernel 2.6.9-34.0.2.EL 2.6.9-34.0.2.ELsmp 2.6.9-34.0.2.ELhugemem | Fibre Channel | QLogic | 8.01.02-d4 | | | |
| | | Emulex | 8.0.16.27 | | | |
| | | | 8.0.16.32 | | | |
| | Fibre Channel over Ethernet | Emulex | 8.0.16.44 | | | |
| Red Hat Enterprise Linux AS/ES 4 (Update3 + Security Fix) X64 / x86_64 Processors Kernel 2.6.9-34.0.2.EL 2.6.9-34.0.2.ELsmp 2.6.9-34.0.2.ELlargesmp | Fibre Channel | QLogic | 8.01.02-d4 | | | |
| | | Emulex | 8.0.16.27 | | | |
| | | | 8.0.16.32 | | | |
| | Fibre Channel over Ethernet | Emulex | 8.0.16.44 | | | |
| Red Hat Enterprise Linux AS/ES 4 (Update4) IA32 / x86 Processors Kernel 2.6.9-42.EL 2.6.9-42.ELsmp 2.6.9-42.ELhugemem | Fibre Channel | QLogic | 8.01.04-d7 | | | |
| | | | 8.01.06 | | | |
| | | | 8.01.07.15 | | | |
| | | Emulex | 8.0.16.27 | | | |
| | | | 8.0.16.32 | | | |
| | | HP | 8.0.16.27 | | | |
| | | | 8.0.16.32 | | | |
| | | | 8.01.07.25 | | | |
| | | IBM | 8.01.06 | | | |
| | | | 8.01.07.15 | | | |
| | Fibre Channel over Ethernet | Emulex | 8.0.16.44 | | | |
| Red Hat Enterprise Linux AS/ES 4 (Update4) Itanium / IA64 Processors Kernel 2.6.9-42.EL | Fibre Channel | QLogic | 8.01.04-d7 | | | |
| | | | 8.01.06 | | | |
| | | | 8.01.07.15 | | | |
| | | Emulex | 8.0.16.27 | | | |
| | | | 8.0.16.32 | | | |
| | | HP | 8.0.16.27 | | | |
| | | | 8.0.16.32 | | | |
| | | IBM | 8.01.06 | | | |
| | | | 8.01.07.15 | | | |
| | Fibre Channel over Ethernet | Emulex | 8.0.16.44 | | | |
| Red Hat Enterprise Linux AS/ES 4 (Update4) X64 / x86_64 Processors Kernel 2.6.9-42.EL 2.6.9-42.ELsmp 2.6.9-42.ELlargesmp | Fibre Channel | QLogic | 8.01.04-d7 | | | |
| | | | 8.01.06 | | | |
| | | | 8.01.07.15 | | | |
| | | Emulex | 8.0.16.27 | | | |
| | | | 8.0.16.32 | | | |
| | | HP | 8.0.16.27 | | | |
| | | | 8.0.16.32 | | | |
| | | | 8.01.07.25 | | | |
| | | IBM | 8.01.06 | | | |
| | | | 8.01.07.15 | | | |
| | Fibre Channel over Ethernet | Emulex | 8.0.16.44 | | | |

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|---|-----------------------------|--------|------------|--|--|--|
| Red Hat Enterprise Linux AS/ES 4 (Update4+Security Fix) IA32 / x86 Processors Kernel 2.6.9-42.0.3.EL 2.6.9-42.0.3.ELsmp 2.6.9-42.0.3.ELhugemem | Fibre Channel | QLogic | 8.01.04-d7 | | | |
| | | | 8.01.04-d8 | | | |
| | | | 8.01.07.15 | | | |
| | | Emulex | 8.0.16.27 | | | |
| | | | 8.0.16.32 | | | |
| | | HP | 8.0.16.32 | | | |
| | | | 8.0.16.27 | | | |
| | | | 8.01.07.25 | | | |
| | | IBM | 8.01.07.15 | | | |
| | Fibre Channel over Ethernet | Emulex | 8.0.16.44 | | | |
| Red Hat Enterprise Linux AS/ES 4 (Update4+Security Fix) Itanium / IA64 Processors Kernel 2.6.9-42.0.3.EL | Fibre Channel | QLogic | 8.01.04-d7 | | | |
| | | | 8.01.07.15 | | | |
| | | Emulex | 8.0.16.27 | | | |
| | | | | | | |
| | | HP | 8.0.16.32 | | | |
| | | | 8.0.16.27 | | | |
| | | IBM | 8.01.07.15 | | | |
| | Fibre Channel over Ethernet | Emulex | 8.0.16.44 | | | |
| Red Hat Enterprise Linux AS/ES 4 (Update4+Security Fix) X64 / x86_64 Processors Kernel 2.6.9-42.0.3.EL 2.6.9-42.0.3.ELsmp 2.6.9-42.0.3.ELlargesmp | Fibre Channel | QLogic | 8.01.04-d7 | | | |
| | | | 8.01.07.15 | | | |
| | | Emulex | 8.0.16.27 | | | |
| | | | 8.0.16.32 | | | |
| | | HP | 8.0.16.32 | | | |
| | | | 8.0.16.27 | | | |
| | | | 8.01.07.25 | | | |
| | | IBM | 8.01.07.15 | | | |
| | Fibre Channel over Ethernet | Emulex | 8.0.16.44 | | | |

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| Red Hat Enterprise Linux AS/ES 4.5 IA32 / x86 Processors Kernel 2.6.9-55.EL 2.6.9-55.ELsmp 2.6.9-55.ELugemem | Fibre Channel | QLogic | 8.01.04-d8 | | | |
| | | | 8.02.08 | | | |
| | | | 8.02.14 | | | |
| | | | 8.02.23 | | | |
| | | | 8.01.07.15 | | | |
| | | Emulex | 8.0.16.27 | | | |
| | | | 8.0.16.32 | | | |
| | | | 8.0.16.40 | | | |
| | | | 8.0.16.40 | | | |
| | | HP | 8.0.16.32 | | | |
| | | | 8.02.11 | | | |
| | | | 8.01.07.25 | | | |
| | | | 8.0.16.27 | | | |
| | | | 8.01.06.01 | | | |
| | | IBM | 8.01.07.15 | | | |
| | | Hitachi | Bundle | | | |
| | Fibre Channel over Ethernet | Emulex | 8.0.16.44 | | | |
| Red Hat Enterprise Linux AS/ES 4.5 Itanium / IA64 Processors Kernel 2.6.9-55.EL 2.6.9-55.ELargesmp | Fibre Channel | QLogic | 8.01.04-d8 | | | |
| | | | 8.02.08 | | | |
| | | | 8.02.14 | | | |
| | | | 8.02.23 | | | |
| | | | 8.01.07.15 | | | |
| | | Emulex | 8.0.16.27 | | | |
| | | | 8.0.16.40 | | | |
| | | | 8.0.16.40 | | | |
| | | HP | 8.0.16.32 | | | |
| | | | 8.0.16.27 | | | |
| | | IBM | 8.01.06.01 | | | |
| | | | 8.01.07.15 | | | |
| | Fibre Channel over Ethernet | Emulex | 8.0.16.44 | | | |

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|---|-----------------------------|---------|------------|--|--|--|
| Red Hat Enterprise Linux AS/ES 4.5 X64 / x86_64 Processors Kernel 2.6.9-55.EL 2.6.9-55.ELsmp 2.6.9-55.ELlargesmp | Fibre Channel | QLogic | 8.01.04-d8 | | | |
| | | | 8.02.08 | | | |
| | | | 8.02.14 | | | |
| | | | 8.02.23 | | | |
| | | | 8.01.07.15 | | | |
| | | Emulex | 8.0.16.27 | | | |
| | | | 8.0.16.32 | | | |
| | | | 8.0.16.40 | | | |
| | | | 8.0.16.40 | | | |
| | | HP | 8.0.16.32 | | | |
| | | | 8.02.11 | | | |
| | | | 8.01.07.25 | | | |
| | | | 8.0.16.27 | | | |
| | | | 8.01.06.01 | | | |
| | | IBM | 8.01.07.15 | | | |
| | | Hitachi | Bunde | | | |
| | Fibre Channel over Ethernet | Emulex | 8.0.16.44 | | | |
| Red Hat Enterprise Linux AS/ES 4.6 IA32 / x86 Processors Kernel 2.6.9-67.EL 2.6.9-67.ELsmp 2.6.9-67.ELhugemem | Fibre Channel | QLogic | 8.01.07-d4 | | | |
| | | | 8.02.08 | | | |
| | | | 8.02.14 | | | |
| | | | 8.02.23 | | | |
| | | | 8.01.07.15 | | | |
| | | Emulex | 8.0.16.34 | | | |
| | | | 8.0.16.40 | | | |
| | | HP | 8.0.16.27 | | | |
| | | | 8.02.11 | | | |
| | | | 8.01.07.25 | | | |
| | | | 8.02.23-2 | | | |
| | | IBM | 8.01.07.15 | | | |
| | | Brocade | 1.1.0.1 | | | |
| | Fibre Channel over Ethernet | Emulex | 8.0.16.44 | | | |

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|---|-----------------------------|---------|------------|--|--|--|
| Red Hat Enterprise Linux AS/ES 4.6 IA64 / Itanium Processors Kernel 2.6.9-67.EL 2.6.9-67.ELlargesmp | Fibre Channel | QLogic | 8.01.07-d4 | | | |
| | | | 8.02.08 | | | |
| | | | 8.02.14 | | | |
| | | | 8.02.23 | | | |
| | | | 8.01.07.15 | | | |
| | | Emulex | 8.0.16.34 | | | |
| | | | 8.0.16.40 | | | |
| | | HP | 8.0.16.27 | | | |
| | | IBM | 8.01.07.15 | | | |
| Red Hat Enterprise Linux AS/ES 4.6 X64 / x86_64 Processors Kernel 2.6.9-67.EL 2.6.9-67.ELsmp 2.6.9-67.ELlargesmp | Fibre Channel over Ethernet | Emulex | 8.0.16.44 | | | |
| | Fibre Channel | QLogic | 8.01.07-d4 | | | |
| | | | 8.02.08 | | | |
| | | | 8.02.14 | | | |
| | | | 8.02.23 | | | |
| | | | 8.01.07.15 | | | |
| | | Emulex | 8.0.16.34 | | | |
| | | | 8.0.16.40 | | | |
| | | HP | 8.0.16.27 | | | |
| | | | 8.02.11 | | | |
| | | | 8.01.07.25 | | | |
| | | | 8.02.23-2 | | | |
| | | IBM | 8.01.07.15 | | | |
| | | Brocade | 1.1.0.1 | | | |
| | Fibre Channel over Ethernet | Emulex | 8.0.16.44 | | | |
| Red Hat Enterprise Linux AS/ES 4.7 IA32 / x86 Processors Kernel 2.6.9-78.EL 2.6.9-78.ELsmp 2.6.9-78.ELhugemem | Fibre Channel | QLogic | 8.02.09-d0 | | | |
| | | | 8.02.08 | | | |
| | | | 8.02.23 | | | |
| | | Emulex | 8.0.16.40 | | | |
| | | | 8.0.16.47 | | | |
| | | HP | 8.02.11 | | | |
| | | | 8.01.07.25 | | | |
| | | IBM | 8.02.12 | | | |
| | | | 8.01.07.15 | | | |
| | | Hitachi | Bundle | | | |
| | | Brocade | 1.1.0.1 | | | |
| | Fibre Channel over Ethernet | Emulex | 8.0.16.44 | | | |

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|---|-----------------------------|---------|--------------------|--|--|--|
| Red Hat Enterprise Linux AS/ES 4.7 IA64 / Itanium Processors Kernel 2.6.9-78.EL 2.6.9-78.ELlargesmp | Fibre Channel | QLogic | 8.02.09-d0 | | | |
| | | | 8.02.08 | | | |
| | | | 8.02.23 | | | |
| | | Emulex | 8.0.16.40 | | | |
| | | | 8.0.16.47 | | | |
| | | IBM | 8.02.12 | | | |
| | | | 8.01.07.15 | | | |
| | Fibre Channel over Ethernet | Emulex | 8.0.16.44 | | | |
| Red Hat Enterprise Linux AS/ES 4.7 X64 / x86_64 Processors Kernel 2.6.9-78.EL 2.6.9-78.ELsmp 2.6.9-78.ELlargesmp | Fibre Channel | QLogic | 8.02.09-d0 | | | |
| | | | 8.02.08 | | | |
| | | | 8.02.23 | | | |
| | | Emulex | 8.0.16.40 | | | |
| | | | 8.0.16.47 | | | |
| | | HP | 8.02.11 | | | |
| | | | 8.01.07.25 | | | |
| | | Hitachi | Bunde | | | |
| | | | | | | |
| | | IBM | 8.02.12 | | | |
| | | | 8.01.07.15 | | | |
| | | Brocade | 1.1.0.1 | | | |
| | Fibre Channel over Ethernet | Emulex | 8.0.16.44 | | | |
| Red Hat Enterprise Linux AS/ES 4.8 IA32 / x86 Processors Kernel 2.6.9-89.EL or 2.6.9-89.ELsmp or 2.6.9-89.ELhugeem | Fibre Channel | QLogic | 8.02.09.02.04.08-d | | | |
| | | | 8.02.09.01.04.09-d | | | |
| | | | 8.02.23 | | | |
| | | Emulex | 8.0.16.46 | | | |
| | | | 8.0.16.47 | | | |
| Red Hat Enterprise Linux AS/ES 4.8 IA64 / Itanium Processors Kernel 2.6.9-89.EL or 2.6.9-89.ELlargesmp | Fibre Channel | QLogic | 8.02.09.02.04.08-d | | | |
| | | | 8.02.09.01.04.09-d | | | |
| | | | 8.02.23 | | | |
| | | Emulex | 8.0.16.46 | | | |
| | | | 8.0.16.47 | | | |
| | | | 8.0.16.40 | | | |

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|--|-----------------------------|--------|--------------------|--------|--------|--------|
| Red Hat Enterprise Linux AS/ES 4.8 X64 / x86_64 Processors Kernel 2.6.9-89.EL or 2.6.9-89.ELsmp or 2.6.9-89.ELlargesmp | Fibre Channel | QLogic | 8.02.09.02.04.08-d | | | |
| | | | 8.02.09.01.04.09-d | | | |
| | | | 8.02.23 | | | |
| | | Emulex | 8.0.16.46 | | | |
| | | | 8.0.16.47 | | | |
| | | | 8.0.16.40 | | | |
| Red Hat Enterprise Linux AS/ES 4.9 IA32 / x86 Processors Kernel 2.6.9-100.EL or 2.6.9-100.ELsmp or 2.6.9-100.ELhugevm | Fibre Channel | QLogic | 8.02.10.01.04.09-d | | | |
| | | Emulex | 8.0.16.47 | | | |
| | | | 8.0.16.40 | | | |
| Red Hat Enterprise Linux AS/ES 4.9 XIA64 / Itanium Processors Kernel 2.6.9-100.EL or 2.6.9-100.ELlargesmp | Fibre Channel | QLogic | 8.02.10.01.04.09-d | | | |
| | | Emulex | 8.0.16.47 | | | |
| | | | 8.0.16.40 | | | |
| Red Hat Enterprise Linux AS/ES 4.9 X64 / x86_64 Processors Kernel 2.6.9-100.EL or 2.6.9-100.ELsmp or 2.6.9-100.ELlargesmp | Fibre Channel | QLogic | 8.02.10.01.04.09-d | | | |
| | | Emulex | 8.0.16.47 | | | |
| | | | 8.0.16.40 | | | |
| Red Hat Enterprise Linux 5 IA32 / x86 Processors Kernel 2.6.18-8.el5 2.6.18-8.el5PAE | Fibre Channel | QLogic | 8.01.07-k1 | B, 31 | B, 31 | B, 31 |
| | | | 8.02.08 | 31, 60 | 31, 60 | 31, 60 |
| | | Emulex | 8.1.10.3 | B, 31 | B, 31 | B, 31 |
| | | | 8.1.10.12 | 31 | 31 | 31 |
| | | | 8.2.0.22 | 31 | 31 | 31 |
| | | | 8.2.0.29 | 31 | 31 | 31 |
| | | | 8.2.0.33.3p | 31 | 31 | 31 |
| | | | 8.2.0.22 | 31 | 31 | 31 |
| | | HP | 8.1.10.11 | 31 | 31 | 31 |
| | | | 8.2.0.33.3p | 31 | 31 | 31 |
| | | IBM | 8.02.12 | 31, 60 | 31, 60 | 31, 60 |
| | Fibre Channel over Ethernet | Emulex | 8.2.0.29 | 31 | 31 | 31 |
| Red Hat Enterprise Linux 5 Itanium / IA64 Processors Kernel 2.6.18-8.el5 | Fibre Channel | QLogic | 8.01.07-k1 | 31 | 31 | 31 |
| | | | 8.02.08 | 31, 60 | 31, 60 | 31, 60 |
| | | Emulex | 8.1.10.3 | B, 31 | B, 31 | B, 31 |
| | | | 8.1.10.12 | 31 | 31 | 31 |
| | | | 8.2.0.22 | 31 | 31 | 31 |
| | | | 8.2.0.29 | 31 | 31 | 31 |
| | | | 8.2.0.33.3p | 31 | 31 | 31 |
| | | IBM | 8.02.12 | 31, 60 | 31, 60 | 31, 60 |
| | | HP | 8.2.0.33.3p | 31 | 31 | 31 |
| | Fibre Channel over Ethernet | Emulex | 8.2.0.29 | 31 | 31 | 31 |

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|--|-----------------------------|---------|--------------|--------------|--------------|--------------|
| Red Hat Enterprise Linux 5 X64 / x86_64 Processors Kernel 2.6.18-8.el5 | Fibre Channel | QLogic | 8.01.07-k1 | B, 31 | B, 31 | B, 31 |
| | | | 8.02.08 | 31, 60 | 31, 60 | 31, 60 |
| | | Emulex | 8.1.10.3 | B, 31 | B, 31 | B, 31 |
| | | | 8.1.10.12 | 31 | 31 | 31 |
| | | | 8.2.0.22 | 31 | 31 | 31 |
| | | | 8.2.0.29 | 31 | 31 | 31 |
| | | | 8.2.0.33.3p | 31 | 31 | 31 |
| | | HP | 8.1.10.11 | 31 | 31 | 31 |
| | | | 8.2.0.33.3p | 31 | 31 | 31 |
| | | IBM | 8.02.12 | 31, 60 | 31, 60 | 31, 60 |
| Red Hat Enterprise Linux 5.1 IA32 / x86 Processors Kernel 2.6.18-53.el5 2.6.18-53.el5PAE | Fibre Channel | QLogic | 8.01.07-k7 | B, 31 | B, 31 | B, 31 |
| | | | 8.02.14 | 31, 60 | 31, 60 | 31, 60 |
| | | Emulex | 8.1.10.9 | B, 31 | B, 31 | B, 31 |
| | | | 8.1.10.12 | 31, 62 | 31, 62 | 31, 62 |
| | | | 8.2.0.22 | 31 | 31 | 31 |
| | | | 8.2.0.29 | 31 | 31 | 31 |
| | | | 8.2.0.33.3p | 31 | 31 | 31 |
| | | HP | 8.02.11 | 31 | 31 | 31 |
| | | | 8.01.07.25 | 31 | 31 | 31 |
| | | | 8.01.07.25 | 31 | 31 | 31 |
| | | | 8.2.0.33.3p | 31 | 31 | 31 |
| | | | 8.01.07.25-2 | | | |
| | | Hitachi | Bundle | B, 6, 31, 69 | B, 6, 31, 69 | B, 6, 31, 69 |
| | | IBM | 8.1.10.9 | 31 | 31 | 31 |
| | | | 8.02.12 | 31, 60 | 31, 60 | 31, 60 |
| | | | 8.02.14 | 31, 60 | 31, 60 | 31, 60 |
| | | Brocade | 1.0.0.3 | 31 | 31 | 31 |
| | | | 1.1.0.1 | 31 | 31 | 31 |
| | | | 1.1.0.6 | B, 31 | B, 31 | B, 31 |
| | | | 2.1.0.0 | B, 31 | B, 31 | B, 31 |
| | Fibre Channel over Ethernet | Emulex | 8.2.0.29 | 31 | 31 | 31 |
| | | Brocade | 2.1.0.0 | B, 31 | B, 31 | B, 31 |

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|--|-----------------------------|---------|--------------|--------------|--------------|--------------|
| Red Hat Enterprise Linux 5.1 Itanium / IA64 Processors Kernel 2.6.18-53.el5 | Fibre Channel | QLogic | 8.01.07-k7 | 31 | 31 | 31 |
| | | | 8.02.14 | 31, 60 | 31, 60 | 31, 60 |
| | | Emulex | 8.1.10.9 | B, 31 | B, 31 | B, 31 |
| | | | 8.1.10.12 | 31, 62 | 31, 62 | 31, 62 |
| | | | 8.2.0.22 | 31 | 31 | 31 |
| | | | 8.2.0.29 | 31 | 31 | 31 |
| | | | 8.2.0.33.3p | 31 | 31 | 31 |
| | | IBM | 8.1.10.9 | 31 | 31 | 31 |
| | | | 8.02.12 | 31, 60 | 31, 60 | 31, 60 |
| | | | 8.02.14 | 31, 60 | 31, 60 | 31, 60 |
| | | Brocade | 1.1.0.1 | 31 | 31 | 31 |
| | | | 1.1.0.6 | 31 | 31 | 31 |
| | | | 2.1.0.0 | 31 | 31 | 31 |
| | | HP | 8.2.0.33.3p | 31 | 31 | 31 |
| | Fibre Channel over Ethernet | Emulex | 8.2.0.29 | 31 | 31 | 31 |
| | | Brocade | 2.1.0.0 | 31 | 31 | 31 |
| Red Hat Enterprise Linux 5.1 X64 / x86_64 Processors Kernel 2.6.18-53.el5 | Fibre Channel | QLogic | 8.01.07-k7 | B, 31 | B, 31 | B, 31 |
| | | | 8.02.14 | 31, 60 | 31, 60 | 31, 60 |
| | | Emulex | 8.1.10.12 | 31, 62 | 31, 62 | 31, 62 |
| | | | 8.2.0.22 | 31 | 31 | 31 |
| | | | 8.2.0.29 | 31 | 31 | 31 |
| | | | 8.2.0.33.3p | 31 | 31 | 31 |
| | | | 8.1.10.9 | B, 31 | B, 31 | B, 31 |
| | | Hitachi | Bundle | B, 6, 31, 69 | B, 6, 31, 69 | B, 6, 31, 69 |
| | | HP | 8.02.11 | 31 | 31 | 31 |
| | | | 8.01.07.25 | 31 | 31 | 31 |
| | | | 8.01.07.25 | 31 | 31 | 31 |
| | | | 8.2.0.33.3p | 31 | 31 | 31 |
| | | | 8.01.07.25-2 | | | |
| | | | 8.1.10.9 | 31 | 31 | 31 |
| | | IBM | 8.02.12 | 31, 60 | 31, 60 | 31, 60 |
| | | | 8.02.14 | 31, 60 | 31, 60 | 31, 60 |
| | | | 1.0.0.3 | 31 | 31 | 31 |
| | | Brocade | 1.1.0.1 | 31 | 31 | 31 |
| | | | 1.1.0.6 | B, 31 | B, 31 | B, 31 |
| | | | 2.1.0.0 | B, 31 | B, 31 | B, 31 |
| | Fibre Channel over Ethernet | Emulex | 8.2.0.29 | 31 | 31 | 31 |
| | | Brocade | 2.1.0.0 | B, 31 | B, 31 | B, 31 |

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| <div>Red Hat Enterprise Linux 5.2 IA32 / x86 Processors Kernel 2.6.18-92.el5 2.6.18-92.el5PAE</div> | Fibre Channel | QLogic | 8.02.00-k5 | B, 31 | B, 31 | B, 31 |
| | | | 8.02.14 | 31, 60 | 31, 60 | 31, 60 |
| | | | 8.02.23 | 31, 60 | 31, 60 | 31, 60 |
| | | Emulex | 8.2.0.22 | B, 31 | B, 31 | B, 31 |
| | | | 8.2.0.29 | 31 | 31 | 31 |
| | | | 8.2.0.33.3p | 31 | 31 | 31 |
| | | HP | 8.02.11 | 31 | 31 | 31 |
| | | | 8.01.07.25 | 31 | 31 | 31 |
| | | | 8.01.07.25 | 31 | 31 | 31 |
| | | | 8.2.0.22_p1 | 31 | 31 | 31 |
| | | | 8.2.0.33.3p | 31 | 31 | 31 |
| | | IBM | 8.02.12 | 31, 60 | 31, 60 | 31, 60 |
| | | | 8.02.14 | 31, 60 | 31, 60 | 31, 60 |
| | | Hitachi | Bundle | B, 6, 31, 69 | B, 6, 31, 69 | B, 6, 31, 69 |
| | | Brocade | 1.0.0.3 | 31 | 31 | 31 |
| | | | 1.1.0.1 | 31 | 31 | 31 |
| | | | 1.1.0.6 | B, 31 | B, 31 | B, 31 |
| | | | 2.1.0.0 | B, 31 | B, 31 | B, 31 |
| | | | 2.1.0.2 | 31 | 31 | 31 |
| <div>Red Hat Enterprise Linux 5.2 Itanium / IA64 Processors Kernel 2.6.18-92.el5</div> | Fibre Channel | QLogic | 8.02.00-k5 | 31 | 31 | 31 |
| | | | 8.02.14 | 31, 60 | 31, 60 | 31, 60 |
| | | | 8.02.23 | 31, 60 | 31, 60 | 31, 60 |
| | | Emulex | 8.2.0.22 | B, 31 | B, 31 | B, 31 |
| | | | 8.2.0.29 | 31 | 31 | 31 |
| | | | 8.2.0.33.3p | 31 | 31 | 31 |
| | | IBM | 8.02.12 | 31, 60 | 31, 60 | 31, 60 |
| | | | 8.02.14 | 31, 60 | 31, 60 | 31, 60 |
| | | Brocade | 1.1.0.1 | 31 | 31 | 31 |
| | | HP | 8.2.0.33.3p | 31 | 31 | 31 |
| | | | | | | |
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| | | | | | | |
| | | Brocade | 1.1.0.1 | 31 | 31 | 31 |
| | | | 1.1.0.6 | 31 | 31 | 31 |
| | | | 2.1.0.0 | 31 | 31 | 31 |
| | | | 2.1.0.2 | 31 | 31 | 31 |
| | Fibre Channel over Ethernet | Emulex | 8.2.0.29 | 31 | 31 | 31 |
| | | Brocade | 2.1.0.0 | 31 | 31 | 31 |

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|--|-----------------------------|---------|--------------------|--------------|--------------|--------------|
| Red Hat Enterprise Linux 5.2 X64 / x86_64 Processors Kernel 2.6.18-92.el5 | Fibre Channel | QLogic | 8.02.00-k5 | B, 31 | B, 31 | B, 31 |
| | | | 8.02.14 | 31, 60 | 31, 60 | 31, 60 |
| | | | 8.02.23 | 31, 60 | 31, 60 | 31, 60 |
| | | Emulex | 8.2.0.22 | B, 31 | B, 31 | B, 31 |
| | | | 8.2.0.29 | 31 | 31 | 31 |
| | | | 8.2.0.33.3p | 31 | 31 | 31 |
| | | HP | 8.02.11 | 31 | 31 | 31 |
| | | | 8.01.07.25 | 31 | 31 | 31 |
| | | | 8.01.07.25 | 31 | 31 | 31 |
| | | | 8.2.0.22_p1 | 31, 67, 68 | 31, 67, 68 | 31, 67, 68 |
| | | | 8.2.0.33.3p | 31 | 31 | 31 |
| | | IBM | 8.02.12 | 31, 60 | 31, 60 | 31, 60 |
| | | | 8.02.14 | 31, 60 | 31, 60 | 31, 60 |
| | | Brocade | 1.0.0.3 | 31 | 31 | 31 |
| | | | 1.1.0.1 | 31 | 31 | 31 |
| | | | 1.1.0.6 | B, 31 | B, 31 | B, 31 |
| | | | 2.1.0.0 | B, 31 | B, 31 | B, 31 |
| | | | 2.1.0.2 | 31 | 31 | 31 |
| | | Hitachi | Bundle | B, 6, 31, 69 | B, 6, 31, 69 | B, 6, 31, 69 |
| | Fibre Channel over Ethernet | Emulex | 8.2.0.29 | 31 | 31 | 31 |
| | | Brocade | 2.1.0.0 | B, 31 | B, 31 | B, 31 |
| Red Hat Enterprise Linux 5.3 IA32 / x86 Processors Kernel 2.6.18-128.el5 2.6.18-128.el5PAE | Fibre Channel | QLogic | 8.02.00.06.05.03-k | B, 32 | B, 32 | B, 32 |
| | | | 8.02.23 | 32, 60 | 32, 60 | 32, 60 |
| | | | 8.02.00.51 | 32 | 32 | 32 |
| | | | 8.03.01.06 | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.2.0.33.3p | B, 32 | B, 32 | B, 32 |
| | | Hitachi | Bundle | B, 6, 32, 69 | B, 6, 32, 69 | B, 6, 32, 69 |
| | | Brocade | 1.1.0.6 | B, 32 | B, 32 | B, 32 |
| | | | 2.1.0.0 | B, 32 | B, 32 | B, 32 |
| | | | 2.1.0.2 | 32 | 32 | 32 |
| | | | 2.2.0.0 | 32 | 32 | 32 |
| | | | 2.3.0.0 | 32 | 32 | 32 |
| | | | 3.0.0.0 | 32 | 32 | 32 |
| | | HP | 8.2.0.33.3p | 32 | 32 | 32 |
| | | IBM | 8.02.00.51 | 32 | 32 | 32 |
| | | | 8.03.01.06 | B, 32 | B, 32 | B, 32 |
| | Fibre Channel over Ethernet | Qlogic | 8.03.00.09 | 32 | 32 | 32 |
| | | Brocade | 2.1.0.0 | B, 32 | B, 32 | B, 32 |
| | | | 2.2.0.0 | 32 | 32 | 32 |
| | | | 2.3.0.0 | 32 | 32 | 32 |

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| Red Hat Enterprise Linux 5.3 Itanium / IA64 Processors Kernel 2.6.18-128.el5 | Fibre Channel | QLogic | 8.02.00.06.05.03-k | 32 | 32 | 32 |
| | | | 8.02.23 | 32, 60 | 32, 60 | 32, 60 |
| | | Emulex | 8.2.0.33.3p | B, 32 | B, 32 | B, 32 |
| | | Brocade | 1.1.0.6 | 32 | 32 | 32 |
| | | | 2.1.0.0 | 32 | 32 | 32 |
| | | | 2.1.0.2 | 32 | 32 | 32 |
| | | | 2.2.0.0 | 32 | 32 | 32 |
| | | | 2.3.0.0 | 32 | 32 | 32 |
| | | | 3.0.0.0 | 32 | 32 | 32 |
| | | HP | 8.2.0.33.3p | 32 | 32 | 32 |
| | Fibre Channel over Ethernet | QLogic | 8.03.00.09 | 32 | 32 | 32 |
| | | Brocade | 2.1.0.0 | 32 | 32 | 32 |
| | | | 2.2.0.0 | 32 | 32 | 32 |
| | | | 2.3.0.0 | 32 | 32 | 32 |
| Red Hat Enterprise Linux 5.3 X64 / x86_64 Processors Kernel 2.6.18-128.el5 | Fibre Channel | QLogic | 8.02.00.06.05.03-k | B, 32 | B, 32 | B, 32 |
| | | | 8.02.23 | 32, 60 | 32, 60 | 32, 60 |
| | | | 8.02.00.51 | 32 | 32 | 32 |
| | | | 8.03.01.06 | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.2.0.33.3p | B, 32 | B, 32 | B, 32 |
| | | Brocade | 1.1.0.6 | B, 32 | B, 32 | B, 32 |
| | | | 2.1.0.0 | B, 32 | B, 32 | B, 32 |
| | | | 2.1.0.2 | 32 | 32 | 32 |
| | | | 2.2.0.0 | 32 | 32 | 32 |
| | | | 2.3.0.0 | 32 | 32 | 32 |
| | | | 3.0.0.0 | 32 | 32 | 32 |
| | | HP | 8.2.0.33.3p | 32 | 32 | 32 |
| | | IBM | 8.02.00.51 | 32 | 32 | 32 |
| | | | 8.03.01.06 | B, 32 | B, 32 | B, 32 |
| | | Hitachi | Bundle | B, 6, 32, 69 | B, 6, 32, 69 | B, 6, 32, 69 |
| | Fibre Channel over Ethernet | QLogic | 8.03.00.09 | 32 | 32 | 32 |
| | | Brocade | 2.1.0.0 | B, 32 | B, 32 | B, 32 |
| | | | 2.2.0.0 | 32 | 32 | 32 |
| | | | 2.3.0.0 | 32 | 32 | 32 |

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|--|-----------------------------|---------|--------------------|--------------|--------------|--------------|
| Red Hat Enterprise Linux 5.4 IA32 / x86 Processors Kernel 2.6.18-164.el5 2.6.18-164.el5PAE | Fibre Channel | QLogic | 8.03.00.10.05.04-k | B, 32 | B, 32 | B, 32 |
| | | | 8.03.00.1.05.05-k | B, 32, 65 | B, 32, 65 | B, 32, 65 |
| | | | 8.03.01.06 | B, 32 | B, 32 | B, 32 |
| | | | 8.03.03.15.05.06 | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.2.0.48.2p | B, 32 | B, 32 | B, 32 |
| | | | 8.2.0.48.3p | B, 32, 64 | B, 32, 64 | B, 32, 64 |
| | | HP | 8.03.00.10.05.04-k | 32 | 32 | 32 |
| | | | 8.03.00.1.05.05-k | 32, 65 | 32, 65 | 32, 65 |
| | | | 8.03.01.05.05.06-k | 32 | 32 | 32 |
| | | | 8.2.0.48.2p | 32 | 32 | 32 |
| | | | 8.2.0.48.3p | 32, 64 | 32, 64 | 32, 64 |
| | | | 8.03.03.15.05.06 | B, 32 | B, 32 | B, 32 |
| | | IBM | 8.03.00.10.05.04-k | 32 | 32 | 32 |
| | | | 8.03.00.1.05.05-k | 32, 65, 66 | 32, 65, 66 | 32, 65, 66 |
| | | | 8.03.01.06 | B, 32 | B, 32 | B, 32 |
| | | Brocade | 2.1.0.0 | B, 32 | B, 32 | B, 32 |
| | | | 2.1.0.2 | 32 | 32 | 32 |
| | | | 2.2.0.0 | B, 32 | B, 32 | B, 32 |
| | | | 2.3.0.0 | B, 32 | B, 32 | B, 32 |
| | | | 3.0.0.0 | 32 | 32 | 32 |
| | | Hitachi | Bunde | B, 6, 32, 69 | B, 6, 32, 69 | B, 6, 32, 69 |
| | Fibre Channel over Ethernet | Brocade | 2.1.0.0 | B, 32 | B, 32 | B, 32 |
| | | | 2.2.0.0 | B, 32 | B, 32 | B, 32 |
| | | | 2.3.0.0 | B, 32 | B, 32 | B, 32 |
| | | QLogic | 8.03.03.15.05.06 | 32 | 32 | 32 |
| | | Emulex | 8.2.0.71 | 32 | 32 | 32 |

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|---|-----------------------------|---------|--------------------|--------------|--------------|--------------|
| Red Hat Enterprise Linux 5.4 Itanium / IA64 Processors Kernel 2.6.18-164.el5 | Fibre Channel | QLogic | 8.03.00.10.05.04-k | 32 | 32 | 32 |
| | | | 8.03.00.1.05.05-k | 32, 65 | 32, 65 | 32, 65 |
| | | Emulex | 8.2.0.48.2p | B, 32 | B, 32 | B, 32 |
| | | | 8.2.0.48.3p | B, 32, 64 | B, 32, 64 | B, 32, 64 |
| | | HP | 8.2.0.48.2p | 32 | 32 | 32 |
| | | | 8.2.0.48.3p | 32, 64 | 32, 64 | 32, 64 |
| | | | 8.03.01.05.05.06-k | 32 | 32 | 32 |
| | | Brocade | 2.1.0.0 | 32 | 32 | 32 |
| | | | 2.1.0.2 | 32 | 32 | 32 |
| | | | 2.2.0.0 | B, 32 | B, 32 | B, 32 |
| | | | 2.3.0.0 | B, 32 | B, 32 | B, 32 |
| | | | 3.0.0.0 | 32 | 32 | 32 |
| | Fibre Channel over Ethernet | Brocade | 2.1.0.0 | 32 | 32 | 32 |
| | | | 2.2.0.0 | B, 32 | B, 32 | B, 32 |
| | | | 2.3.0.0 | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.2.0.71 | 32 | 32 | 32 |
| | | | | | | |
| Red Hat Enterprise Linux 5.4 X64 / x86_64 Processors Kernel 2.6.18-164.el5 | Fibre Channel | QLogic | 8.03.00.10.05.04-k | B, 32 | B, 32 | B, 32 |
| | | | 8.03.00.1.05.05-k | B, 32, 65 | B, 32, 65 | B, 32, 65 |
| | | | 8.03.01.06 | B, 32 | B, 32 | B, 32 |
| | | | 8.03.03.15.05.06 | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.2.0.48.2p | B, 32 | B, 32 | B, 32 |
| | | | 8.2.0.48.3p | B, 32, 64 | B, 32, 64 | B, 32, 64 |
| | | HP | 8.03.00.10.05.04-k | 32 | 32 | 32 |
| | | | 8.03.00.1.05.05-k | 32, 65 | 32, 65 | 32, 65 |
| | | | 8.03.01.05.05.06-k | 32 | 32 | 32 |
| | | | 8.2.0.48.2p | 32 | 32 | 32 |
| | | | 8.2.0.48.3p | 32, 64 | 32, 64 | 32, 64 |
| | | | 8.03.03.15.05.06 | B, 32 | B, 32 | B, 32 |
| | | IBM | 8.03.00.10.05.04-k | 32 | 32 | 32 |
| | | | 8.03.00.1.05.05-k | 32, 65, 66 | 32, 65, 66 | 32, 65, 66 |
| | | | 8.03.01.06 | B, 32 | B, 32 | B, 32 |
| | | Brocade | 2.1.0.0 | B, 32 | B, 32 | B, 32 |
| | | | 2.1.0.2 | 32 | 32 | 32 |
| | | | 2.2.0.0 | B, 32 | B, 32 | B, 32 |
| | | | 2.3.0.0 | B, 32 | B, 32 | B, 32 |
| | | | 3.0.0.0 | 32 | 32 | 32 |
| | | Hitachi | Bundle | B, 6, 32, 69 | B, 6, 32, 69 | B, 6, 32, 69 |
| | Fibre Channel over Ethernet | Brocade | 2.1.0.0 | B, 32 | B, 32 | B, 32 |
| | | | 2.2.0.0 | B, 32 | B, 32 | B, 32 |
| | | | 2.3.0.0 | B, 32 | B, 32 | B, 32 |
| | | QLogic | 8.03.03.15.05.06 | 32 | 32 | 32 |
| | | | | | | |
| | | Emulex | 8.2.0.71 | 32 | 32 | 32 |
| | | | | | | |
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| Red Hat Enterprise Linux 5.5 IA32 / x86 Processors Kernel 2.6.18-194.el5 2.6.18-194.el5PAE | Fibre Channel | QLogic | 8.03.01.04.05.05-k | B, 32 | B, 32 | B, 32 |
| | | | 8.03.01.06 | B, 32 | B, 32 | B, 32 |
| | | | 8.03.03.15.05.06 | B, 32 | B, 32 | B, 32 |
| | | | 8.03.07.03.5.6-k | 32 | 32 | 32 |
| | | | 8.03.07.05.5.6-k-ew1 | 32 | 32 | 32 |
| | | Emulex | 8.2.0.63.3p | B, 32 | B, 32 | B, 32 |
| | | | 8.2.0.63.3p | 32 | 32 | 32 |
| | | HP | 8.03.01.04.05.05-k | 32 | 32 | 32 |
| | | | 8.2.0.63.3p | 32, 64 | 32, 64 | 32, 64 |
| | | | 8.03.03.15.05.06 | B, 32 | B, 32 | B, 32 |
| | | | 8.03.07.03.5.6 | B, 32 | B, 32 | B, 32 |
| | | | 8.2.0.106-1 | B, 32 | B, 32 | B, 32 |
| | | | 8.2.0.134 | 32 | 32 | 32 |
| | | IBM | 8.03.01.04.05.05-k | 32 | 32 | 32 |
| | | | 8.03.01.04.05.05-k | B, 32 | B, 32 | B, 32 |
| | | | 8.03.01.06 | B, 32 | B, 32 | B, 32 |
| | | Brocade | 2.1.0.0 | 32 | 32 | 32 |
| | | | 2.2.0.0 | B, 32 | B, 32 | B, 32 |
| | | | 2.3.0.0 | B, 32 | B, 32 | B, 32 |
| | | | 3.0.0.0 | B, 32 | B, 32 | B, 32 |
| | Fibre Channel over Ethernet | Brocade | 2.1.0.0 | 32 | 32 | 32 |
| | | | 2.2.0.0 | B, 32 | B, 32 | B, 32 |
| | | | 2.3.0.0 | B, 32 | B, 32 | B, 32 |
| | | QLogic | 8.03.03.15.05.06 | 32 | 32 | 32 |
| | | Emulex | 8.2.0.71 | 32 | 32 | 32 |
| | | | 8.2.0.96 | 32 | 32 | 32 |
| | | | 8.2.0.126 | 32 | 32 | 32 |
| Red Hat Enterprise Linux 5.5 Itanium / IA64 Processors Kernel 2.6.18-194.el5 | Fibre Channel | QLogic | 8.03.01.04.05.05-k | 32 | 32 | 32 |
| | | Emulex | 8.2.0.63.3p | B, 32 | B, 32 | B, 32 |
| | | HP | 8.2.0.63.3p | 32, 64 | 32, 64 | 32, 64 |
| | | | 8.2.0.106-1 | B, 32 | B, 32 | B, 32 |
| | | | 8.2.0.134 | 32 | 32 | 32 |
| | | Brocade | 2.1.0.0 | 32 | 32 | 32 |
| | | | 2.2.0.0 | B, 32 | B, 32 | B, 32 |
| | | | 2.3.0.0 | B, 32 | B, 32 | B, 32 |
| | | | 3.0.0.0 | B, 32 | B, 32 | B, 32 |
| | Fibre Channel over Ethernet | Brocade | 2.1.0.0 | 32 | 32 | 32 |
| | | | 2.2.0.0 | B, 32 | B, 32 | B, 32 |
| | | | 2.3.0.0 | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.2.0.71 | 32 | 32 | 32 |
| | | | 8.2.0.126 | 32 | 32 | 32 |

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| Red Hat Enterprise Linux 5.5 X64 / x86_64 Processors Kernel 2.6.18-194.el5 | Fibre Channel | QLogic | 8.03.01.04.05.05-k | B, 32 | B, 32 | B, 32 |
| | | | 8.03.01.06 | B, 32 | B, 32 | B, 32 |
| | | | 8.03.03.15.05.06 | B, 32 | B, 32 | B, 32 |
| | | | 8.03.07.03.5.6-k | 32 | 32 | 32 |
| | | | 8.03.07.05.5.6-k-ew1 | 32 | 32 | 32 |
| | | Emulex | 8.2.0.63.3p | B, 32 | B, 32 | B, 32 |
| | | HP | 8.03.01.04.05.05-k | 32 | 32 | 32 |
| | | | 8.2.0.63.3p | 32, 64 | 32, 64 | 32, 64 |
| | | | 8.03.03.15.05.06 | B, 32 | B, 32 | B, 32 |
| | | | 8.03.07.03.5.6 | B, 32 | B, 32 | B, 32 |
| | | | 8.2.0.106-1 | B, 32 | B, 32 | B, 32 |
| | | | 8.2.0.134 | 32 | 32 | 32 |
| | | IBM | 8.03.01.04.05.05-k | 32 | 32 | 32 |
| | | | 8.03.01.04.05.05-k | B, 32 | B, 32 | B, 32 |
| | | | 8.03.01.06 | B, 32 | B, 32 | B, 32 |
| | | Brocade | 2.1.0.0 | 32 | 32 | 32 |
| | | | 2.2.0.0 | B, 32 | B, 32 | B, 32 |
| | | | 2.3.0.0 | B, 32 | B, 32 | B, 32 |
| | | | 3.0.0.0 | B, 32 | B, 32 | B, 32 |
| | | Cisco | 1.4.0.145 | 32 | 32 | 32 |
| | Fibre Channel over Ethernet | Brocade | 2.1.0.0 | 32 | 32 | 32 |
| | | | 2.2.0.0 | B, 32 | B, 32 | B, 32 |
| | | | 2.3.0.0 | B, 32 | B, 32 | B, 32 |
| | | QLogic | 8.03.03.15.05.06 | 32 | 32 | 32 |
| | | Emulex | 8.2.0.71 | 32 | 32 | 32 |
| | | | 8.2.0.96 | 32 | 32 | 32 |
| | | | 8.2.0.126 | 32 | 32 | 32 |
| | | Cisco | 1.5.0.1 | 32, 76 | 32, 76 | 32, 76 |

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| Red Hat Enterprise Linux 5.6 IA32 / x86 Processors Kernel 2.6.18-238.el5 2.6.18-238.el5PAE | Fibre Channel | QLogic | 8.03.01.05.05.06-k | B, 32 | B, 32 | B, 32 |
| | | | 8.03.07.03.5.6-k | 32 | 32 | 32 |
| | | Emulex | 8.2.0.87.1p | B, 32 | B, 32 | B, 32 |
| | | HP | 8.03.07.03.5.6 | B, 32 | B, 32 | B, 32 |
| | | | 8.2.0.106-1 | B, 32 | B, 32 | B, 32 |
| | | | 8.2.0.134 | 32 | 32 | 32 |
| | | Brocade | 3.0.0.0 | B, 32 | B, 32 | B, 32 |
| | | Hitachi | Bundle | B, 6, 32, 69 | B, 6, 32, 69 | B, 6, 32, 69 |
| | Fibre Channel over Ethernet | Emulex | 8.2.0.96 | 32 | 32 | 32 |
| | | | 8.2.0.126 | 32 | 32 | 32 |
| | iSCSI | Red Hat | Bundle | 32, 73, 74, 75 | 32, 73, 74, 75 | 32, 73, 74, 75 |
| Red Hat Enterprise Linux 5.6 Itanium / IA64 Processors Kernel 2.6.18-238.el5 | Fibre Channel | QLogic | 8.03.01.05.05.06-k | 32 | 32 | 32 |
| | | Emulex | 8.2.0.87.1p | B, 32 | B, 32 | B, 32 |
| | | HP | 8.2.0.106-1 | B, 32 | B, 32 | B, 32 |
| | | | 8.2.0.134 | 32 | 32 | 32 |
| | | Brocade | 3.0.0.0 | 32 | 32 | 32 |
| | Fibre Channel over Ethernet | Emulex | 8.2.0.126 | 32 | 32 | 32 |
| | iSCSI HBACVA | Red Hat | Bundle | 32, 73, 74, 75 | 32, 73, 74, 75 | 32, 73, 74, 75 |
| Red Hat Enterprise Linux 5.6 X64 / x86_64 Processors Kernel 2.6.18-238.el5 | Fibre Channel | QLogic | 8.03.01.05.05.06-k | B, 32 | B, 32 | B, 32 |
| | | | 8.03.07.03.5.6-k | 32 | 32 | 32 |
| | | Emulex | 8.2.0.87.1p | B, 32 | B, 32 | B, 32 |
| | | HP | 8.03.07.03.5.6 | B, 32 | B, 32 | B, 32 |
| | | | 8.2.0.106-1 | B, 32 | B, 32 | B, 32 |
| | | | 8.2.0.134 | 32 | 32 | 32 |
| | | Brocade | 3.0.0.0 | B, 32 | B, 32 | B, 32 |
| | | Hitachi | Bundle | B, 6, 32, 69 | B, 6, 32, 69 | B, 6, 32, 69 |
| | Fibre Channel over Ethernet | Emulex | 8.2.0.96 | 32 | 32 | 32 |
| | | | 8.2.0.126 | 32 | 32 | 32 |
| | | Cisco | 1.4.0.145 | 32, 76 | 32, 76 | 32, 76 |
| | | | 1.5.0.1 | 32, 76 | 32, 76 | 32, 76 |
| | iSCSI | Red Hat | Bundle | 32, 73, 74, 75 | 32, 73, 74, 75 | 32, 73, 74, 75 |

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| Red Hat Enterprise Linux 5.7 IA32 / x86 Processors Kernel 2.6.18-274.el5 2.6.18-274.el5PAE | Fibre Channel | QLogic | 8.03.07.03.05.07-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.2.0.96.2p | B, 32 | B, 32 | B, 32 |
| | | Hitachi | Bundle | B, 6, 32, 69 | B, 6, 32, 69 | B, 6, 32, 69 |
| | | HP | 8.2.0.134 | 32 | 32 | 32 |
| | | | 8.03.07.03.5.6 | B, 32 | B, 32 | B, 32 |
| | | | 8.03.07.15.5.6 | B, 32 | B, 32 | B, 32 |
| | Fibre Channel over Ethernet | QLogic | 8.03.07.03.05.07-k | 32 | 32 | 32 |
| | | Emulex | 8.2.0.126 | 32 | 32 | 32 |
| | | HP | 8.2.0.136 | 32 | 32 | 32 |
| | iSCSI | Red Hat | Bundle | 32, 73, 74, 75 | 32, 73, 74, 75 | 32, 73, 74, 75 |
| Red Hat Enterprise Linux 5.7 Itanium / IA64 Processors Kernel 2.6.18-274.el5 | Fibre Channel | QLogic | 8.03.07.03.05.07-k | 32 | 32 | 32 |
| | | Emulex | 8.2.0.96.2p | B, 32 | B, 32 | B, 32 |
| | | HP | 8.2.0.134 | 32 | 32 | 32 |
| | Fibre Channel over Ethernet | QLogic | 8.03.07.03.05.07-k | 32 | 32 | 32 |
| | | Emulex | 8.2.0.126 | 32 | 32 | 32 |
| | iSCSI | Red Hat | Bundle | 32, 73, 74, 75 | 32, 73, 74, 75 | 32, 73, 74, 75 |
| Red Hat Enterprise Linux 5.7 X64 / x86_64 Processors Kernel 2.6.18-274.el5 | Fibre Channel | QLogic | 8.03.07.03.05.07-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.2.0.33.3p-1.6.1-MCL | 32, 73 | 32, 73 | 32, 73 |
| | | | 8.2.0.96.2p | B, 32 | B, 32 | B, 32 |
| | | Hitachi | Bundle | B, 6, 32, 69 | B, 6, 32, 69 | B, 6, 32, 69 |
| | | HP | 8.2.0.134 | 32 | 32 | 32 |
| | | | 8.03.07.03.5.6 | B, 32 | B, 32 | B, 32 |
| | | | 8.03.07.15.5.6 | B, 32 | B, 32 | B, 32 |
| | Fibre Channel over Ethernet | QLogic | 8.03.07.03.05.07-k | 32 | 32 | 32 |
| | | Emulex | 8.2.0.126 | 32 | 32 | 32 |
| | | HP | 8.2.0.136 | 32 | 32 | 32 |
| | | Cisco | 1.5.0.1 | 32, 76 | 32, 76 | 32, 76 |
| | | | 1.5.0.20 | 32, 76 | 32, 76 | 32, 76 |
| | iSCSI | Red Hat | Bundle | 32, 73, 74, 75 | 32, 73, 74, 75 | 32, 73, 74, 75 |
| Red Hat Enterprise Linux 5.8 IA32 / x86 Processors Kernel 2.6.18-308.el5 2.6.18-308.el5PAE | Fibre Channel | QLogic | 8.03.07.09.05.08-k | B, 32 | B, 32 | B, 32 |
| | | | 8.06.00.11.5.6-k | 32, 73 | 32, 73 | 32, 73 |
| | | Emulex | 8.2.0.108.4p | B, 32 | B, 32 | B, 32 |
| | | HP | 8.2.0.134 | 32 | 32 | 32 |
| | | | 8.03.07.15.5.6 | B, 32 | B, 32 | B, 32 |
| | | | 8.04.00.10.5.6 | B, 32 | B, 32 | B, 32 |
| | Fibre Channel over Ethernet | Emulex | 8.2.0.108.4p | 32 | 32 | 32 |
| | | HP | 8.2.0.136 | 32 | 32 | 32 |
| | iSCSI | Red Hat | Bundle | 32, 73, 74, 75 | 32, 73, 74, 75 | 32, 73, 74, 75 |

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|--|-----------------------------|---------|--------------------|----------------|----------------|----------------|
| Red Hat Enterprise Linux 5.8 Itanium / IA64 Processors Kernel 2.6.18-308.el5 | Fibre Channel | QLogic | 8.03.07.09.05.08-k | 32 | 32 | 32 |
| | | Emulex | 8.2.0.108.4p | B, 32 | B, 32 | B, 32 |
| | | HP | 8.2.0.134 | 32 | 32 | 32 |
| | Fibre Channel over Ethernet | Emulex | 8.2.0.108.4p | 32 | 32 | 32 |
| | iSCSI | Red Hat | Bundle | 32, 73, 74, 75 | 32, 73, 74, 75 | 32, 73, 74, 75 |
| Red Hat Enterprise Linux 5.8 X64 / x86_64 Processors Kernel 2.6.18-308.el5 | Fibre Channel | QLogic | 8.03.07.09.05.08-k | B, 32 | B, 32 | B, 32 |
| | | | 8.06.00.11.5.6-k | 32, 73 | 32, 73 | 32, 73 |
| | | Emulex | 8.2.0.108.4p | B, 32 | B, 32 | B, 32 |
| | | HP | 8.2.0.134 | 32 | 32 | 32 |
| | | | 8.03.07.15.5.6 | B, 32 | B, 32 | B, 32 |
| | | | 8.04.00.10.5.6 | B, 32 | B, 32 | B, 32 |
| | Fibre Channel over Ethernet | Emulex | 8.2.0.108.4p | 32 | 32 | 32 |
| | | HP | 8.2.0.136 | 32 | 32 | 32 |
| | | Cisco | 1.5.0.1 | 32, 76 | 32, 76 | 32, 76 |
| | iSCSI HBACVA | Red Hat | Bundle | 32, 73, 74, 75 | 32, 73, 74, 75 | 32, 73, 74, 75 |
| Red Hat Enterprise Linux 5.9 IA32 / x86 Processors Kernel 2.6.18-348.el5 2.6.18-348.el5PAE | Fibre Channel | QLogic | 8.03.07.15.05.09-k | B, 32 | B, 32 | B, 32 |
| | | | 8.06.00.11.5.6-k | 32, 73 | 32, 73 | 32, 73 |
| | | Emulex | 8.2.0.128.3p | B, 32 | B, 32 | B, 32 |
| | | HP | 8.04.00.10.5.6 | B, 32 | B, 32 | B, 32 |
| | | Hitachi | Bundle | B, 6, 32, 69 | B, 6, 32, 69 | B, 6, 32, 69 |
| | iSCSI | Red Hat | Bundle | 32, 73, 74, 75 | 32, 73, 74, 75 | 32, 73, 74, 75 |
| Red Hat Enterprise Linux 5.9 Itanium / IA64 Processors Kernel 2.6.18-348.el5 | Fibre Channel | QLogic | 8.03.07.15.05.09-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.2.0.128.3p | B, 32 | B, 32 | B, 32 |
| | | HP | 8.04.00.10.5.6 | B, 32 | B, 32 | B, 32 |
| | iSCSI | Red Hat | Bundle | 32, 73, 74, 75 | 32, 73, 74, 75 | 32, 73, 74, 75 |
| Red Hat Enterprise Linux 5.9 X64 / x86_64 Processors Kernel 2.6.18-348.el5 | Fibre Channel | QLogic | 8.03.07.15.05.09-k | B, 32 | B, 32 | B, 32 |
| | | | 8.06.00.11.5.6-k | 32, 73 | 32, 73 | 32, 73 |
| | | Emulex | 8.2.0.128.3p | B, 32 | B, 32 | B, 32 |
| | | HP | 8.04.00.10.5.6 | B, 32 | B, 32 | B, 32 |
| | | Hitachi | Bundle | B, 6, 32, 69 | B, 6, 32, 69 | B, 6, 32, 69 |
| | | Cisco | 1.6.0.12b | B, 32 | B, 32 | B, 32 |
| | Fibre Channel over Ethernet | Cisco | 1.6.0.12 | B, 32 | B, 32 | B, 32 |
| | iSCSI | Red Hat | Bundle | 32, 73, 74, 75 | 32, 73, 74, 75 | 32, 73, 74, 75 |

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|---|-----------------------------|---------|--------------------|--------|--------|--------|
| Red Hat Enterprise Linux 5.10 IA32 / x86 Processors Kernel 2.6.18-371.el5 2.6.18-371.el5PAE | Fibre Channel | QLogic | 8.03.07.15.05.09-k | B, 32 | B, 32 | B, 32 |
| | | | 8.06.00.11.5.6-k | 32, 73 | 32, 73 | 32, 73 |
| | | Emulex | 8.2.0.128.3p | B, 32 | B, 32 | B, 32 |
| Red Hat Enterprise Linux 5.10 Itanium / IA64 Processors Kernel 2.6.18-371.el5 | Fibre Channel | QLogic | 8.03.07.15.05.09-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.2.0.128.3p | B, 32 | B, 32 | B, 32 |
| Red Hat Enterprise Linux 5.10 X64 / x86_64 Processors Kernel 2.6.18-371.el5 | Fibre Channel | QLogic | 8.03.07.15.05.09-k | B, 32 | B, 32 | B, 32 |
| | | | 8.06.00.11.5.6-k | 32, 73 | 32, 73 | 32, 73 |
| | | Emulex | 8.2.0.128.3p | B, 32 | B, 32 | B, 32 |
| Red Hat Enterprise Linux 5.11 IA32 / x86 Processors Kernel 2.6.18-398.el5 2.6.18-398.el5PAE | Fibre Channel | QLogic | 8.03.07.15.05.09-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.2.0.128.3p | B, 32 | B, 32 | B, 32 |
| Red Hat Enterprise Linux 5.11 Itanium / IA64 Processors Kernel 2.6.18-398.el5 | Fibre Channel | QLogic | 8.03.07.15.05.09-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.2.0.128.3p | B, 32 | B, 32 | B, 32 |
| Red Hat Enterprise Linux 5.11 X64 / x86_64 Processors Kernel 2.6.18-398.el5 | Fibre Channel | QLogic | 8.03.07.15.05.09-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.2.0.128.3p | B, 32 | B, 32 | B, 32 |
| Red Hat Enterprise Linux 6 IA32 / x86 Processors Kernel 2.6.32-71.el6.i686 | Fibre Channel | QLogic | 8.03.01.05.06.0-k8 | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.3.5.17 | B, 32 | B, 32 | B, 32 |
| | | Brocade | 2.3.0.0 | B, 32 | B, 32 | B, 32 |
| | Fibre Channel over Ethernet | Brocade | 2.3.0.0 | B, 32 | B, 32 | B, 32 |
| | | QLogic | 8.03.04.12.06.0-k0 | 32 | 32 | 32 |
| | | Emulex | 8.3.5.65 | B, 32 | B, 32 | B, 32 |
| Red Hat Enterprise Linux 6 X64 / x86_64 Processors Kernel 2.6.32-71.el6.x86_64 | Fibre Channel | QLogic | 8.03.01.05.06.0-k8 | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.3.5.17 | B, 32 | B, 32 | B, 32 |
| | | Brocade | 2.3.0.0 | B, 32 | B, 32 | B, 32 |
| | Fibre Channel over Ethernet | Brocade | 2.3.0.0 | B, 32 | B, 32 | B, 32 |
| | | QLogic | 8.03.04.12.06.0-k0 | 32 | 32 | 32 |
| | | Emulex | 8.3.5.65 | B, 32 | B, 32 | B, 32 |
| | | Cisco | 1.5.0.1 | 32, 76 | 32, 76 | 32, 76 |

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|---|-----------------------------|---------|-------------------|----------------|----------------|----------------|
| Red Hat Enterprise Linux 6.1 IA32 / x86 Processors Kernel 2.6.32-131.0.15.el6.i686 | Fibre Channel | QLogic | 8.03.07.03.06.1-k | B, 32 | B, 32 | B, 32 |
| | | | 8.03.07.13.06.0-k | 32 | 32 | 32 |
| | | Emulex | 8.3.5.30.1p | B, 32 | B, 32 | B, 32 |
| | | Brocade | 3.0.0.0 | B, 32 | B, 32 | B, 32 |
| | | Hitachi | Bundle | B, 6, 32, 69 | B, 6, 32, 69 | B, 6, 32, 69 |
| | Fibre Channel over Ethernet | Emulex | 8.3.5.30.1p | 32 | 32 | 32 |
| | | | 8.3.5.65 | B, 32 | B, 32 | B, 32 |
| | iSCSI | Red Hat | Bundle | 32, 73, 74, 75 | 32, 73, 74, 75 | 32, 73, 74, 75 |
| Red Hat Enterprise Linux 6.1 X64 / x86_64 Processors Kernel 2.6.32-131.0.15.el6.x86_64 | Fibre Channel | QLogic | 8.03.07.03.06.1-k | B, 32 | B, 32 | B, 32 |
| | | | 8.03.07.13.06.0-k | 32 | 32 | 32 |
| | | Emulex | 8.3.5.30.1p | B, 32 | B, 32 | B, 32 |
| | | | 8.3.7.18-1 | 32 | 32 | 32 |
| | | Brocade | 3.0.0.0 | B, 32 | B, 32 | B, 32 |
| | | Hitachi | Bundle | B, 6, 32, 69 | B, 6, 32, 69 | B, 6, 32, 69 |
| | Fibre Channel over Ethernet | Emulex | 8.3.5.30.1p | 32 | 32 | 32 |
| | | | 8.3.5.65 | B, 32 | B, 32 | B, 32 |
| | | HP | 8.3.5.77.1p | 32 | 32 | 32 |
| | | Cisco | 1.5.0.1 | 32, 76 | 32, 76 | 32, 76 |
| | iSCSI | Red Hat | Bundle | 32, 73, 74, 75 | 32, 73, 74, 75 | 32, 73, 74, 75 |
| Red Hat Enterprise Linux 6.2 IA32 / x86 Processors Kernel 2.6.32-220.el6.i686 | Fibre Channel | QLogic | 8.03.07.05.06.2-k | B, 32 | B, 32 | B, 32 |
| | | | 8.03.07.13.06.0-k | 32 | 32 | 32 |
| | | | 8.04.00.06.06.0-k | 32 | 32 | 32 |
| | | | 8.06.00.10.06.0-k | 32, 73 | 32, 73 | 32, 73 |
| | | Emulex | 8.3.5.45.4p | B, 32 | B, 32 | B, 32 |
| | | Hitachi | Bundle | B, 6, 32, 69 | B, 6, 32, 69 | B, 6, 32, 69 |
| | Fibre Channel over Ethernet | Emulex | 8.3.5.65 | B, 32 | B, 32 | B, 32 |
| | iSCSI | Red Hat | Bundle | B, 32, 74, 75 | B, 32, 74, 75 | B, 32, 74, 75 |
| | iSCSI HBACVA | Emulex | 4.1.334.15 | 32, 73 | 32, 73 | 32, 73 |
| | | | 4.2.374.0 | 32, 77 | 32, 77 | 32, 77 |

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|--|-----------------------------|---------|-------------------|---------------|---------------|---------------|
| Red Hat Enterprise Linux 6.2 X64 / x86_64 Processors Kernel 2.6.32-220.el6.x86_64 | Fibre Channel | QLogic | 8.03.07.05.06.2-k | B, 32 | B, 32 | B, 32 |
| | | | 8.03.07.13.06.0-k | 32 | 32 | 32 |
| | | | 8.04.00.06.06.0-k | 32 | 32 | 32 |
| | | | 8.06.00.10.06.0-k | 32, 73 | 32, 73 | 32, 73 |
| | | Emulex | 8.3.5.45.4p | B, 32 | B, 32 | B, 32 |
| | | | 8.3.7.18-1 | 32 | 32 | 32 |
| | | Hitachi | Bundle | B, 6, 32, 69 | B, 6, 32, 69 | B, 6, 32, 69 |
| | | HP | 8.04.00.09.06.0-k | B, 32 | B, 32 | B, 32 |
| | Fibre Channel over Ethernet | Emulex | 8.3.5.65 | B, 32 | B, 32 | B, 32 |
| | | HP | 8.3.5.77.1p | 32 | 32 | 32 |
| | | Cisco | 1.5.0.1 | 32, 76 | 32, 76 | 32, 76 |
| | iSCSI | Red Hat | Bundle | B, 32, 74, 75 | B, 32, 74, 75 | B, 32, 74, 75 |
| | iSCSI HBACNA | Emulex | 4.1.334.15 | 32, 73 | 32, 73 | 32, 73 |
| | | | 4.2.374.0 | 32, 77 | 32, 77 | 32, 77 |

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|--|-----------------------------|---------|-------------------|----------------|----------------|----------------|
| Red Hat Enterprise Linux 6.3 IA32 / x86 Processors Kernel 2.6.32-279.el6.i686 | Fibre Channel | QLogic | 8.04.00.08.06.4-k | B, 32 | B, 32 | B, 32 |
| | | | 8.05.00.03.06.0-k | 32 | 32 | 32 |
| | | | 8.06.00.10.06.0-k | 32, 73 | 32, 73 | 32, 73 |
| | | Emulex | 8.3.5.68.5p | B, 32 | B, 32 | B, 32 |
| | Fibre Channel over Ethernet | QLogic | 8.04.00.04.06.3-k | 32 | 32 | 32 |
| | iSCSI | Red Hat | Bundle | 32, 73, 74, 75 | 32, 73, 74, 75 | 32, 73, 74, 75 |

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|--|---------------|-----------------------------|-------------------|-------------------|----------------|----------------|
| Red Hat Enterprise Linux 6.3 X64 / x86_64 Processors Kernel 2.6.32-279.el6.x86_64 | Fibre Channel | QLogic | 8.04.00.08.06.4-k | B, 32 | B, 32 | B, 32 |
| | | | 8.05.00.03.06.0-k | 32 | 32 | 32 |
| | | | 8.06.00.10.06.0-k | 32, 73 | 32, 73 | 32, 73 |
| | | Emulex | 8.3.5.68.5p | B, 32 | B, 32 | B, 32 |
| | | | 8.3.7.18-1 | 32 | 32 | 32 |
| | | Fibre Channel over Ethernet | QLogic | 8.04.00.04.06.3-k | 32 | 32 |
| | iSCSI | Red Hat | Bundle | 32, 73, 74, 75 | 32, 73, 74, 75 | 32, 73, 74, 75 |

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|--|-----------------|-----------------------------|-------------------|-------------------|----------------|----------------|
| Red Hat Enterprise Linux 6.4 IA32 / x86 Processors Kernel 2.6.32-358.el6.i686 | Fibre Channel | QLogic | 8.04.00.08.06.4-k | B, 32 | B, 32 | B, 32 |
| | | | 8.05.00.03.06.0-k | 32 | 32 | 32 |
| | | | 8.06.00.10.06.0-k | 32, 73 | 32, 73 | 32, 73 |
| | | | 8.07.00.08.06.0-k | 32, 73 | 32, 73 | 32, 73 |
| | | Emulex | 8.3.5.86.1p | B, 32 | B, 32 | B, 32 |
| | | Hitachi | Bundle | B, 6, 32, 69 | B, 6, 32, 69 | B, 6, 32, 69 |
| | | IBM | 8.3.7.29-1 | 32 | 32 | 32 |
| | | Fibre Channel over Ethernet | QLogic | 8.07.00.08.06.0-k | 32,73 | 32,73 |
| | iSCSI | Red Hat | Bundle | 32, 73, 74, 75 | 32, 73, 74, 75 | 32, 73, 74, 75 |
| | iSCSI HBACNA | Emulex | 4.2.374.0 | 32, 77 | 32, 77 | 32, 77 |

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|--|-----------------------------|---------|--------------------|----------------|----------------|----------------|
| Red Hat Enterprise Linux 6.4 X64 / x86_64 Processors Kernel 2.6.32-358.el6.x86_64 | Fibre Channel | QLogic | 8.04.00.08.06.4-k | B, 32 | B, 32 | B, 32 |
| | | | 8.05.00.03.06.0-k | 32 | 32 | 32 |
| | | | 8.06.00.10.06.0-k | 32, 73 | 32, 73 | 32, 73 |
| | | | 8.07.00.08.06.0-k | 32, 73 | 32, 73 | 32, 73 |
| | | Emulex | 8.3.5.86.1p | B, 32 | B, 32 | B, 32 |
| | | | 8.3.7.18-1 | 32 | 32 | 32 |
| | | HP | 8.04.00.12.06.0-k2 | 32 | 32 | 32 |
| | | | 8.07.00.08.06.0-k | B, 32 | B, 32 | B, 32 |
| | | Hitachi | Bundle | B, 6, 32, 69 | B, 6, 32, 69 | B, 6, 32, 69 |
| | | IBM | 8.3.7.29-1 | 32 | 32 | 32 |
| | Fibre Channel over Ethernet | QLogic | 8.07.00.08.06.0-k | 32,73 | 32,73 | 32,73 |
| | | Cisco | 1.5.0.45 | 32,73 | 32,73 | 32,73 |
| | | | 1.6.0.12b | 32,73 | 32,73 | 32,73 |
| | | | 1.6.0.18 | 32,73 | 32,73 | 32,73 |
| | iSCSI | Red Hat | Bundle | 32, 73, 74, 75 | 32, 73, 74, 75 | 32, 73, 74, 75 |
| | iSCSI HBACNA | Emulex | 4.2.374.0 | 32, 77 | 32, 77 | 32, 77 |
| Red Hat Enterprise Linux 6.5 IA32 / x86 Processors Kernel 2.6.32-431.el6.i686 | Fibre Channel | QLogic | 8.05.00.03.06.5-k2 | B, 32 | B, 32 | B, 32 |
| | | | 8.07.00.08.06.0-k | 32, 73 | 32, 73 | 32, 73 |
| | | Emulex | 8.3.7.21.4p | B, 32 | B, 32 | B, 32 |
| | | Hitachi | Bundle | B, 6, 32, 69 | B, 6, 32, 69 | B, 6, 32, 69 |
| | Fibre Channel over Ethernet | QLogic | 8.07.00.08.06.0-k | 32,73 | 32,73 | 32,73 |
| | iSCSI HBACNA | Emulex | Bundle | 32, 77 | 32, 77 | 32, 77 |
| | Fibre Channel over Ethernet | Emulex | 10.2.370.12 | 32, 73 | 32, 73 | 32, 73 |
| Red Hat Enterprise Linux 6.5 X64 / x86_64 Processors Kernel 2.6.32-431.el6.x86_64 | Fibre Channel | QLogic | 8.05.00.03.06.5-k2 | B, 32 | B, 32 | B, 32 |
| | | | 8.07.00.08.06.0-k | 32, 73 | 32, 73 | 32, 73 |
| | | Emulex | 8.3.7.21.4p | B, 32 | B, 32 | B, 32 |
| | | | 8.3.7.39 | 32 | 32 | 32 |
| | | | 10.2.340.16 | 32, 73 | 32, 73 | 32, 73 |
| | | HP | 10.2.340.16 | 32, 73 | 32, 73 | 32, 73 |
| | | Hitachi | Bundle | B, 6, 32, 69 | B, 6, 32, 69 | B, 6, 32, 69 |
| | iSCSI HBACNA | Emulex | Bundle | 32, 77 | 32, 77 | 32, 77 |
| | Fibre Channel over Ethernet | QLogic | 8.07.00.08.06.0-k | 32,73 | 32,73 | 32,73 |
| | | Emulex | 10.2.370.12 | 32, 73 | 32, 73 | 32, 73 |
| | | Cisco | 1.5.0.45 | B, 32 | B, 32 | B, 32 |
| Red Hat Enterprise Linux 6.6 IA32 / x86 Processors Kernel 2.6.32-504.el6.i686 | Fibre Channel | QLogic | 8.07.00.08.06.6-k1 | B, 32 | B, 32 | B, 32 |
| | | Emulex | 10.2.8020.1 | B, 32 | B, 32 | B, 32 |
| | | Hitachi | Bundle | B, 6, 32, 69 | B, 6, 32, 69 | B, 6, 32, 69 |
| | iSCSI HBACNA | Emulex | Bundle | 32, 77 | 32, 77 | 32, 77 |
| | Fibre Channel over Ethernet | Emulex | 10.2.273.0r | 32, 73 | 32, 73 | 32, 73 |
| | -il | QLogic | 8.07.00.08.06.6-k1 | B, 32 | B, 32 | B, 32 |
| | | Emulex | 10.2.8020.1 | B, 32 | B, 32 | B, 32 |

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|--|-----------------------------|---------|-------------|--------------|--------------|--------------|
| Red Hat Enterprise Linux 6.6 X64 / x86_64 Processors Kernel 2.6.32-504.el6.x86_64 | Fibre Channel | LUN000A | 10.2.469.0 | 32 | 32 | 32 |
| | | Cisco | 1.6.0.12b | B, 32 | B, 32 | B, 32 |
| | | Hitachi | Bundle | B, 6, 32, 69 | B, 6, 32, 69 | B, 6, 32, 69 |
| | iSCSI HBACNA | Emulex | Bundle | 32, 77 | 32, 77 | 32, 77 |
| | Fibre Channel over Ethernet | Emulex | 10.2.273.0r | 32, 73 | 32, 73 | 32, 73 |

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|--|-----------------------------|---------|--------------------|----------------|----------------|----------------|
| Red Hat Enterprise Linux 6.7 IA32 / x86 Processors Kernel 2.6.32-573.el6.i686 | Fibre Channel | QLogic | 8.07.00.16.06.7-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 10.6.0.20 | B, 32 | B, 32 | B, 32 |
| Red Hat Enterprise Linux 6.7 X64 / x86_64 Processors Kernel 2.6.32-573.el6.x86_64 | Fibre Channel | QLogic | 8.07.00.16.06.7-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 10.6.0.20 | B, 32 | B, 32 | B, 32 |
| Red Hat Enterprise Linux 7 X64 / x86_64 Processors Kernel 3.10.0-123.el7.x86_64 | Fibre Channel | QLogic | 8.06.00.08.07.0-k2 | B, 31 | B, 31 | B, 31 |
| | | | 8.06.00.08.07.0-k3 | B, 31, 78 | B, 31, 78 | B, 31, 78 |
| | | Emulex | 8.3.7.34.3p | B, 31 | B, 31 | B, 31 |
| | | | 10.2.340.16 | 31, 73 | 31, 73 | 31, 73 |
| | iSCSI | Red Hat | Bundle | 31, 73, 74, 75 | 31, 73, 74, 75 | 31, 73, 74, 75 |
| | | | | | | |
| | | | | | | |
| Red Hat Enterprise Linux 7.1 X64 / x86_64 Processors Kernel 3.10.0-229.el7.x86_64 | Fibre Channel | QLogic | 8.07.00.08.07.1-k2 | B, 31 | B, 31 | B, 31 |
| | | Emulex | 10.2.8021.1 | B, 31 | B, 31 | B, 31 |
| | | Hitachi | Bundle | B, 6, 31, 69 | B, 6, 31, 69 | B, 6, 31, 69 |
| | iSCSI | Red Hat | Bundle | | | |
| | iSCSI HBA/CNA | Emulex | Bundle | 32, 77 | 32, 77 | 32, 77 |
| | Fibre Channel over Ethernet | Emulex | 10.2.8021.1 | 32, 73 | 32, 73 | 32, 73 |
| Red Hat Enterprise Linux 7.2 X64 / x86_64 Processors Kernel 3.10.0-327.el7.x86_64 | Fibre Channel | QLogic | 8.07.00.18.07.2-k | | | B, 31 |
| | | Emulex | 10.7.0.1 | | | B, 31 |

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| Supported | |
| Not Supported | |

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| Notes |
| B SAN boot is supported. |
| 6 This is only supported in environments in combination with Hitachi Compute Blade. |
| 7 Only the kernel package kernel-2.4.21-20.EL.IA32 / x86e.rpm is supported. |
| 8 Only the kernel package kernel-2.4.21-27.EL.IA32 / x86e.rpm is supported. |
| 31 GFS and GFS2 are not supported. |
| 32 GFS is not supported. For details on GFS2 support, see "B. Linux". |
| 45 When using GGX-CC9MZFC1, use the 1.16.136 or later driver, or the 4.1.6.136 or later driver. |
| 60 The default setting of these drivers is "Failover". If you want to change the setting to "Disable", set the following in the /etc/modprobe.conf file: options qla2xxx q2xfailover=0 |
| 61 Only Red Hat Enterprise Linux AS kernel is supported. |
| 62 SAN boot is supported by kernel 2.6.18-53.1.21 or later. |
| 63 Supported by kernel 2.6.9-89.0.20 or later. |
| 64 Supported by kernel 2.6.18-164.11.1 or later. |
| 65 Supported by kernel 2.6.18-164.9.1 or later. |
| 66 The following HBA model is supported: 44X1945 |
| 67 The following HBA models are supported: FC2143, FC2243, FC2142SR, FC2242SR |
| 68 The following HBA model is supported: 403621-B21 |
| 69 All drivers applied to Hitachi HBA cards for Hitachi Compute Blade are supported. |
| 70 Supported by kernel 2.6.9-89.0.25 or later. |
| 71 Supported by HDLM 6.6.2-01 and later. |
| 73 Boot disk environment configurations are not supported. |
| 74 iSCSI HBA/CNA is not supported. |
| 75 10GbE NIC is not supported. |
| 76 Only using an HDLM device as the boot disk is supported. |
| 77 CNA FW 4.2.433.604 or later is required. |
| 78 Supported by kernel 3.10.0-123.13.2 or later. |

| Oracle Enterprise Linux Server | | | | HDLM Version | | |
|--|---------------|--------|------------|--------------|-------|-------|
| OS | HBA | | Driver | 8.2.0 | 8.2.1 | 8.4.0 |
| Oracle Enterprise Linux 4 (Update 5) IA32 / x86 Processors Kernel 2.6.9-55.0.0.0.2.EL 2.6.9-55.0.0.0.2.ELsmp 2.6.9-55.0.0.0.2.ELhugemem | Fibre Channel | QLogic | 8.01.04-d8 | | | |
| | | | 8.02.23 | | | |
| | | Emulex | 8.0.16.27 | | | |
| | | | | | | |
| Oracle Enterprise Linux 4 (Update 5) AMD64 / EM64T Processors Kernel 2.6.9-55.0.0.0.2.EL 2.6.9-55.0.0.0.2.ELsmp 2.6.9-55.0.0.0.2.ELargesmp | Fibre Channel | QLogic | 8.01.04-d8 | | | |
| | | | 8.02.23 | | | |
| | | Emulex | 8.0.16.27 | | | |
| Oracle Enterprise Linux 4 (Update 6) IA32 / x86 Processors Kernel 2.6.9-67.0.0.0.1.EL 2.6.9-67.0.0.0.1.ELsmp 2.6.9-67.0.0.0.1.ELhugemem | Fibre Channel | QLogic | 8.01.07-d4 | | | |
| | | Emulex | 8.0.16.34 | | | |
| Oracle Enterprise Linux 4 (Update 6) AMD64 / EM64T Processors Kernel 2.6.9-67.0.0.0.1.EL 2.6.9-67.0.0.0.1.ELsmp 2.6.9-67.0.0.0.1.ELargesmp | Fibre Channel | QLogic | 8.01.07-d4 | | | |
| | | Emulex | 8.0.16.34 | | | |

| | | | | | | |
|--|---------------|--------|--------------------|-------|-------|-------|
| Oracle Enterprise Linux 5 (Update 1) IA32 / x86 Processors Kernel 2.6.18-53.el5 or 2.6.18-53.el5PAE | Fibre Channel | QLogic | 8.01.07-k7 | B, 31 | B, 31 | B, 31 |
| | | Emulex | 8.1.10.9 | B, 31 | B, 31 | B, 31 |
| Oracle Enterprise Linux 5 (Update 1) X64 / x86_64 Processors Kernel 2.6.18-53.el5 or 2.6.18-53.el5PAE | Fibre Channel | QLogic | 8.01.07-k7 | B, 31 | B, 31 | B, 31 |
| | | Emulex | 8.1.10.9 | B, 31 | B, 31 | B, 31 |
| Oracle Enterprise Linux 5.4 IA32 / x86 Processors Kernel 2.6.18-164.el5 or 2.6.18-164.el5PAE | Fibre Channel | QLogic | 8.03.00.10.05.04-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.2.0.48.2p | B, 32 | B, 32 | B, 32 |
| Oracle Enterprise Linux 5.4 X64 / x86_64 Processors Kernel 2.6.18-53.el5 | Fibre Channel | QLogic | 8.03.00.10.05.04-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.2.0.48.2p | B, 32 | B, 32 | B, 32 |
| Oracle Enterprise Linux 5.5 IA32 / x86 Processors Kernel 2.6.18-194.el5 or 2.6.18-194.el5PAE | Fibre Channel | QLogic | 8.03.01.04.05.05-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.2.0.63.3p | B, 32 | B, 32 | B, 32 |
| Oracle Enterprise Linux 5.5 X64 / x86_64 Processors Kernel 2.6.18-194.el5 | Fibre Channel | QLogic | 8.03.01.04.05.05-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.2.0.63.3p | B, 32 | B, 32 | B, 32 |
| Oracle Enterprise Linux 5.6 IA32 / x86 Processors Kernel 2.6.18-238.el5 or 2.6.18-238.el5PAE | Fibre Channel | QLogic | 8.03.01.05.05.06-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.2.0.87.1p | B, 32 | B, 32 | B, 32 |
| Oracle Enterprise Linux 5.6 X64 / x86_64 Processors Kernel 2.6.18-238.el5 | Fibre Channel | QLogic | 8.03.01.05.05.06-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.2.0.87.1p | B, 32 | B, 32 | B, 32 |
| Oracle Enterprise Linux 5.7 IA32 / x86 Processors Kernel 2.6.18-274.el5 or 2.6.18-274.el5PAE | Fibre Channel | QLogic | 8.03.07.03.05.07-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.2.0.96.2p | B, 32 | B, 32 | B, 32 |
| Oracle Enterprise Linux 5.7 X64 / x86_64 Processors Kernel 2.6.18-274.el5 | Fibre Channel | QLogic | 8.03.07.03.05.07-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.2.0.96.2p | B, 32 | B, 32 | B, 32 |
| Oracle Linux 6.5 IA32 / x86 Processors Kernel 2.6.32-431.el6.i686 | Fibre Channel | QLogic | 8.05.00.03.06.5-k2 | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.3.7.21.4p | B, 32 | B, 32 | B, 32 |
| Oracle Linux 6.5 X64 / x86_64 Processors Kernel 2.6.32-431.el6.x86_64 | Fibre Channel | QLogic | 8.05.00.03.06.5-k2 | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.3.7.21.4p | B, 32 | B, 32 | B, 32 |
| Oracle Linux 6.6 IA32 / x86 Processors Kernel 2.6.32-504.el6.i686 | Fibre Channel | QLogic | 8.07.00.08.06.6-k1 | B, 32 | B, 32 | B, 32 |
| | | Emulex | 10.2.8020.1 | B, 32 | B, 32 | B, 32 |
| Oracle Linux 6.6 X64 / x86_64 Processors Kernel 2.6.32-504.el6.x86_64 | Fibre Channel | QLogic | 8.07.00.08.06.6-k1 | B, 32 | B, 32 | B, 32 |
| | | Emulex | 10.2.8020.1 | B, 32 | B, 32 | B, 32 |
| Oracle Linux 7 X64 / x86_64 Processors Kernel 3.10.0-123.el7.x86_64 | Fibre Channel | QLogic | 8.06.00.08.07.0-k2 | B, 31 | B, 31 | B, 31 |
| | | Emulex | 8.3.7.34.3p | B, 31 | B, 31 | B, 31 |

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| Supported | | |
| Not Supported | | |

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| Notes | | |
| B SAN boot is supported. | | |
| 31 GFS and GFS2 are not supported. | | |
| 32 GFS is not supported. For details on GFS2 support, see "8. Linux". | | |

IMPORTANT NOTE

Security fix kernels can not be supported. Please contact appropriate person in HDS for an Interoperability Support Request (ISR).

HDLM is dependent only on the driver version, not the HBA model. For this reason, specific HBA models are no longer listed, just driver versions. So if the HBA driver version is supported, then HDLM is supported. This also means that OEM versions are supported, as long as the driver is supported.

| Oracle Unbreakable Enterprise Kernel | | | | HDLM Version | | |
|---|---------------|--------|--------------------|--------------|-------|-------|
| OS | HBA | | Driver | 8.2.0 | 8.2.1 | 8.4.0 |
| Oracle Unbreakable Enterprise Kernel 5.6 X64 / x86_64 Processors Kernel 2.6.32-100.26.2.el5 | Fibre Channel | QLogic | 8.03.01.02.32.1-k9 | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.3.18 | B, 32 | B, 32 | B, 32 |
| | iSCSI | Olace | Bundle | | B, 32 | B, 32 |
| Oracle Unbreakable Enterprise Kernel 5.7 IA32 / x86 Processors Kernel 2.6.32-200.13.1.el5uek | Fibre Channel | QLogic | 8.03.07.04.32.1-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.3.5.44 | B, 32 | B, 32 | B, 32 |
| | iSCSI | Olace | Bundle | | B, 32 | B, 32 |
| Oracle Unbreakable Enterprise Kernel 5.7 IA32 / x86 Processors Kernel 2.6.32-300.27.1.el5uek | Fibre Channel | QLogic | 8.03.07.08.32.1-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.3.5.45.4p | B, 32 | B, 32 | B, 32 |
| | iSCSI | Olace | Bundle | | B, 32 | B, 32 |
| Oracle Unbreakable Enterprise Kernel 5.7 X64 / x86_64 Processors Kernel 2.6.32-200.13.1.el5uek | Fibre Channel | QLogic | 8.03.07.04.32.1-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.3.5.44 | B, 32 | B, 32 | B, 32 |
| | iSCSI | Olace | Bundle | | B, 32 | B, 32 |
| Oracle Unbreakable Enterprise Kernel 5.7 X64 / x86_64 Processors Kernel 2.6.32-300.27.1.el5uek | Fibre Channel | QLogic | 8.03.07.08.32.1-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.3.5.45.4p | B, 32 | B, 32 | B, 32 |
| | iSCSI | Olace | Bundle | | B, 32 | B, 32 |
| Oracle Unbreakable Enterprise Kernel 5.8 IA32 / x86 Processors Kernel 2.6.32-300.39.2.el5uek | Fibre Channel | QLogic | 8.03.07.08.32.1-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.3.5.45.4p | B, 32 | B, 32 | B, 32 |
| | iSCSI | Olace | Bundle | | B, 32 | B, 32 |
| Oracle Unbreakable Enterprise Kernel 5.8 X64 / x86_64 Processors Kernel 2.6.32-300.39.2.el5uek | Fibre Channel | QLogic | 8.03.07.08.32.1-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.3.5.45.4p | B, 32 | B, 32 | B, 32 |
| | iSCSI | Olace | Bundle | | B, 32 | B, 32 |

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|--|------------------|--------|-------------------|-------|-------|-------|
| Oracle Unbreakable Enterprise Kernel 6.2 IA32 / x86 Processors Kernel 2.6.39-200.29.1.el6uek.i686 | Fibre Channel | QLogic | 8.04.00.03.39.0-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.3.5.68.6p | B, 32 | B, 32 | B, 32 |
| | iSCSI | Olace | Bundle | | B, 32 | B, 32 |
| | iSCSI HBA/CNA | Emulex | Bundle | | B, 32 | B, 32 |
| Oracle Unbreakable Enterprise Kernel 6.2 IA32 / x86 Processors Kernel 2.6.39-200.29.2.el6uek.i686 | Fibre Channel | QLogic | 8.04.00.03.39.0-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.3.5.68.6p | B, 32 | B, 32 | B, 32 |
| | iSCSI | Olace | Bundle | | B, 32 | B, 32 |
| | iSCSI HBA/CNA | Emulex | Bundle | | B, 32 | B, 32 |
| Oracle Unbreakable Enterprise Kernel 6.2 X64 / x86_64 Processors Kernel 2.6.39-200.29.1.el6uek.x86_64 | Fibre Channel | QLogic | 8.04.00.03.39.0-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.3.5.68.6p | B, 32 | B, 32 | B, 32 |
| | iSCSI | Olace | Bundle | | B, 32 | B, 32 |
| | iSCSI HBA/CNA | Emulex | Bundle | | B, 32 | B, 32 |
| Oracle Unbreakable Enterprise Kernel 6.2 X64 / x86_64 Processors Kernel 2.6.39-200.29.2.el6uek.x86_64 | Fibre Channel | QLogic | 8.04.00.03.39.0-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.3.5.68.6p | B, 32 | B, 32 | B, 32 |
| | iSCSI | Olace | Bundle | | B, 32 | B, 32 |
| | iSCSI HBA/CNA | Emulex | Bundle | | B, 32 | B, 32 |
| Oracle Unbreakable Enterprise Kernel 6.3 IA32 / x86 Processors Kernel 2.6.39-200.24.1.el6uek.i686 | Fibre Channel | QLogic | 8.04.00.03.39.0-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.3.5.68.6p | B, 32 | B, 32 | B, 32 |
| | iSCSI | Olace | Bundle | | B, 32 | B, 32 |
| | iSCSI HBA/CNA | Emulex | Bundle | | B, 32 | B, 32 |
| Oracle Unbreakable Enterprise Kernel 6.3 X64 / x86_64 Processors Kernel 2.6.39-200.24.1.el6uek.x86_64 | Fibre Channel | QLogic | 8.04.00.03.39.0-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.3.5.68.6p | B, 32 | B, 32 | B, 32 |
| | iSCSI | Olace | Bundle | | B, 32 | B, 32 |
| | iSCSI HBA/CNA | Emulex | Bundle | | B, 32 | B, 32 |

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| Oracle Unbreakable Enterprise Kernel 6.4 (Security Fix) IA32 / x86 Processors Kernel 2.6.39-400.211.1.el6uek.i686 | Fibre Channel | QLogic | 8.05.00.03.39.0-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.3.7.26.3p | B, 32 | B, 32 | B, 32 |
| | iSCSI | Olace | Bundle | | B, 32 | B, 32 |
| | iSCSI HBA/CNA | Emulex | Bundle | | B, 32 | B, 32 |
| Oracle Unbreakable Enterprise Kernel 6.4 (Security Fix) X64 / x86_64 Processors Kernel 2.6.39-400.211.1.el6uek.x86_64 | Fibre Channel | QLogic | 8.05.00.03.39.0-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.3.7.26.3p | B, 32 | B, 32 | B, 32 |
| | iSCSI | Olace | Bundle | | B, 32 | B, 32 |
| | iSCSI HBA/CNA | Emulex | Bundle | | B, 32 | B, 32 |
| Oracle Unbreakable Enterprise Kernel 6.5 IA32 / x86 Processors Kernel 2.6.39-400.211.1.el6uek.i686 | Fibre Channel | QLogic | 8.05.00.03.39.0-k | B, 32 | B, 32 | B, 32 |
| | | Emulex | 8.3.7.26.3p | B, 32 | B, 32 | B, 32 |
| | iSCSI | Olace | Bundle | | B, 32 | B, 32 |
| | iSCSI HBA/CNA | Emulex | Bundle | | B, 32 | B, 32 |
| Oracle Unbreakable Enterprise Kernel 6.5 X64 / x86_64 Processors Kernel 3.8.13-16.2.1.el6uek.x86_64 | Fibre Channel | QLogic | 8.05.00.03.39.0-k | B, 33 | B, 33 | B, 33 |
| | | Emulex | 8.3.7.26.2p | B, 33 | B, 33 | B, 33 |
| | iSCSI | Olace | Bundle | | B, 33 | B, 33 |
| | iSCSI HBA/CNA | Emulex | Bundle | | B, 33 | B, 33 |
| Oracle Unbreakable Enterprise Kernel 6.5 (Security Fix) X64 / x86_64 Processors Kernel 3.8.13-44.el6uek.x86_64 | Fibre Channel | QLogic | 8.07.00.08.39.0-k1 | B, 33 | B, 33 | B, 33 |
| | | Emulex | 8.3.7.34.4p | B, 33 | B, 33 | B, 33 |
| | iSCSI | Olace | Bundle | | B, 33 | B, 33 |
| | iSCSI HBA/CNA | Emulex | Bundle | | B, 33 | B, 33 |

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|--|-----------------------------|--------|--------------------|--------|--------|--------|
| Oracle Unbreakable Enterprise Kernel 6.6 X64 / x86_64 Processors Kernel 3.8.13-44.1.1.el6uek.x86_64 | Fibre Channel | QLogic | 8.07.00.08.39.0-k1 | B, 33 | B, 33 | B, 33 |
| | | Emulex | 8.3.7.34.4p | B, 33 | B, 33 | B, 33 |
| | Fibre Channel over Ethernet | Emulex | 8.3.7.34.4p | 33, 34 | 33, 34 | 33, 34 |
| | iSCSI | OIacle | Bundle | | B, 33 | B, 33 |
| | iSCSI HBA/CNA | Emulex | Bundle | | B, 33 | B, 33 |
| Oracle Unbreakable Enterprise Kernel 6.6 (Security Fix) X64 / x86_64 Processors Kernel 3.8.13-68.el6uek.x86_64 | Fibre Channel | QLogic | 8.07.00.16.39.0-k | B, 33 | B, 33 | B, 33 |
| | | Emulex | 10.6.61.0 | B, 33 | B, 33 | B, 33 |
| | iSCSI | OIacle | Bundle | | B, 33 | B, 33 |
| | iSCSI HBA/CNA | Emulex | Bundle | | B, 33 | B, 33 |
| Oracle Unbreakable Enterprise Kernel 6.6 (Security Fix) X64 / x86_64 Processors Kernel 3.8.13-68.1.3.el6uek.x86_64 | Fibre Channel | QLogic | 8.07.00.16.39.0-k | B, 33 | B, 33 | B, 33 |
| | | Emulex | 10.6.61.0 | B, 33 | B, 33 | B, 33 |
| | iSCSI | OIacle | Bundle | | B, 33 | B, 33 |
| | iSCSI HBA/CNA | Emulex | Bundle | | B, 33 | B, 33 |
| Oracle Unbreakable Enterprise Kernel 6.7 (Security Fix) X64 / x86_64 Processors Kernel 3.8.13-68.3.4.el6uek.x86_64 | Fibre Channel | QLogic | 8.07.00.16.39.0-k | B, 33 | B, 33 | B, 33 |
| | | Emulex | 10.6.61.0 | B, 33 | B, 33 | B, 33 |
| | iSCSI | OIacle | Bundle | | B, 33 | B, 33 |
| | iSCSI HBA/CNA | Emulex | Bundle | | B, 33 | B, 33 |

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|--|-----------------------------|--------|--------------------|---------------|--------|--------|
| Oracle Unbreakable Enterprise Kernel 7 X64 / x86_64 Processors Kernel 3.8.13-44.el7uek.x86_64 | Fibre Channel | QLogic | 8.07.00.08.39.0-k1 | B, 33 | B, 33 | B, 33 |
| | | Emulex | 8.3.7.34.4p | B, 33 | B, 33 | B, 33 |
| | iSCSI | Olacle | Bundle | | 33, 34 | 33, 34 |
| Oracle Unbreakable Enterprise Kernel 7.1 X64 / x86_64 Processors Kernel 3.8.13-55.1.6.el7uek.x86_64 | Fibre Channel | QLogic | 8.07.00.16.39.0-k | B, 33 | B, 33 | B, 33 |
| | | Emulex | 10.2.8061.0 | B, 33 | B, 33 | B, 33 |
| | Fibre Channel over Ethernet | Emulex | 10.2.8061.0 | 33, 34 | 33, 34 | 33, 34 |
| | iSCSI | Olacle | Bundle | | 33, 34 | 33, 34 |
| | iSCSI HBA/CNA | Emulex | Bundle | | 33, 34 | 33, 34 |
| Oracle Unbreakable Enterprise Kernel 7.1 (Security Fix) X64 / x86_64 Processors Kernel 3.8.13-68.el7uek.x86_64 | Fibre Channel | QLogic | 8.07.00.16.39.0-k | B, 33 | B, 33 | B, 33 |
| | | Emulex | 10.6.61.0 | B, 33 | B, 33 | B, 33 |
| | iSCSI | Olacle | Bundle | | 33, 34 | 33, 34 |
| | iSCSI HBA/CNA | Emulex | Bundle | | 33, 34 | 33, 34 |
| Oracle Unbreakable Enterprise Kernel 7.1 (Security Fix) X64 / x86_64 Processors Kernel 3.8.13-68.2.2.el7uek.x86_64 | Fibre Channel | QLogic | 8.07.00.16.39.0-k | B, 33 | B, 33 | B, 33 |
| | | Emulex | 10.6.61.0 | B, 33 | B, 33 | B, 33 |
| | iSCSI | Olacle | Bundle | | 33, 34 | 33, 34 |
| | iSCSI HBA/CNA | Emulex | Bundle | | 33, 34 | 33, 34 |
| | | | | Supported | | |
| | | | | Not Supported | | |
| Notes | | | | | | |
| B SAN boot is supported. | | | | | | |
| 32 GFS is not supported. For details on GFS2 support, see "8. Linux". | | | | | | |
| 33 GFS and GFS2 are not supported. | | | | | | |
| 34 Boot disk environment configurations are not supported. | | | | | | |

IMPORTANT NOTE

Security fix kernels can be supported without ISRs if their base kernels are supported and all of conditions below are met.

(1) The security fix kernels are for RHEL4.5/ SLES10 or later.

(2) Bundled driver versions of the security fix kernels are the same as the bundled driver versions of the supported base kernels.

If your requested security fix kernel is for RHEL4.4/SLES9 or before, or has a different bundled driver version from one of the base kernel, please contact appropriate person in HDS for an Interoperability Support Request (ISR).

HDLM is dependent only on the driver version, not the HBA model. For this reason, specific HBA models are no longer listed, just driver versions. So if the HBA driver version is supported, then HDLM is supported. This also means that OEM versions are supported, as long as the driver is supported.

All drivers applied to Hitachi HBA cards for Hitachi Compute Blade are supported.

| SUSE Linux Enterprise Server | | | | HDLM Version | | |
|---|-----------------------------|---------|------------|--------------|-------|-------|
| OS | | HBA | Driver | 8.2.0 | 8.2.1 | 8.4.0 |
| SUSE Linux Enterprise Server 9 (Service Pack 4) IA32 / x86 Processors Kernel 2.6.5-7.308-default 2.6.5-7.308-smp 2.6.5-7.308-bigsmpt | Fibre Channel | QLogic | 8.01.07.15 | | | |
| | | | 8.02.14 | | | |
| | | Emulex | 8.0.16.34 | | | |
| | | | 8.0.16.40 | | | |
| | Fibre Channel over Ethernet | Brocade | 1.0.0 | | | |
| | | | 1.1.0.1 | | | |
| | | Emulex | 8.0.16.44 | | | |
| | | | | | | |
| SUSE Linux Enterprise Server 9 (Service Pack 4) Itanium / IA64 Processors Kernel 2.6.5-7.308-default 2.6.5-7.308-64k-pagesize | Fibre Channel | QLogic | 8.01.07.15 | | | |
| | | | 8.02.14 | | | |
| | | Emulex | 8.0.16.34 | | | |
| | | | 8.0.16.40 | | | |
| | Fibre Channel over Ethernet | Brocade | 1.0.0 | | | |
| | | | | | | |
| | | Emulex | 8.0.16.44 | | | |
| | | | | | | |
| SUSE Linux Enterprise Server 9 (Service Pack 4) EM64T/AMD64 Processors Kernel 2.6.5-7.308-default 2.6.5-7.308-smp | Fibre Channel | QLogic | 8.01.07.15 | | | |
| | | | 8.02.14 | | | |
| | | Emulex | 8.0.16.34 | | | |
| | | | 8.0.16.40 | | | |
| | Fibre Channel over Ethernet | Brocade | 1.0.0 | | | |
| | | | 1.1.0.1 | | | |
| | | Emulex | 8.0.16.44 | | | |
| | | | | | | |
| SUSE Linux Enterprise Server 9 (Service Pack 4 + Security Fix) IA32 / x86 Processors Kernel 2.6.5-7.315-default 2.6.5-7.315-smp 2.6.5-7.315-bigsmpt | Fibre Channel | QLogic | 8.01.07.15 | | | |
| | | Emulex | 8.0.16.34 | | | |
| | Fibre Channel over Ethernet | Emulex | 8.0.16.44 | | | |
| | | | | | | |

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| SUSE Linux Enterprise Server 9 (Service Pack 4 + Security Fix) EM64T/AMD64 Processors Kernel 2.6.5-7.315-default 2.6.5-7.315-smp | Fibre Channel over Ethernet | QLogic | 8.01.07.15 | | | | |
| | | Emulex | 8.0.16.34 | | | | |
| SUSE Linux Enterprise Server 10 IA32 / x86 Processors Kernel 2.6.16.21-0.8-default 2.6.16.21-0.8-smp 2.6.16.21-0.8-bigsm | Fibre Channel | QLogic | 8.01.04-k | | | | |
| | | Emulex | 8.1.6 | | | | |
| SUSE Linux Enterprise Server 10 Itanium / IA64 Processors Kernel 2.6.16.21-0.8-default | Fibre Channel | Emulex | 8.1.6.6 | | | | |
| | | IBM | 8.1.6.6 | | | | |
| SUSE Linux Enterprise Server 10 EM64T/AMD64 Processors Kernel 2.6.16.21-0.8-default 2.6.16.21-0.8-smp | Fibre Channel | QLogic | 8.01.04-k | | | | |
| | | Emulex | 8.1.6 | | | | |
| SUSE Linux Enterprise Server 10 (Service Pack 1 Errata) IA32 / x86 Processors Kernel 2.6.16.46-0.14-default 2.6.16.46-0.14-smp 2.6.16.46-0.14-bigsm | Fibre Channel | Emulex | 8.1.6.6 | | | | |
| | | IBM | 8.1.6.6 | | | | |
| SUSE Linux Enterprise Server 10 (Service Pack 1 Errata) IA32 / x86 Processors Kernel 2.6.16.46-0.14-default 2.6.16.46-0.14-smp 2.6.16.46-0.14-bigsm | Fibre Channel | QLogic | 8.01.07-k3 | | | | |
| | | Emulex | 8.02.14 | | | | |
| SUSE Linux Enterprise Server 10 (Service Pack 1 Errata) Itanium / IA64 Processors Kernel 2.6.16.46-0.14-default | Fibre Channel | Emulex | 8.1.10.3 | | | | |
| | | HP | 8.1.10.12 | | | | |
| SUSE Linux Enterprise Server 10 (Service Pack 1 Errata) EM64T/AMD64 Processors Kernel 2.6.16.46-0.14-default 2.6.16.46-0.14-smp | Fibre Channel | Emulex | 8.01.07-k3 | | | | |
| | | Emulex | 8.2.0.29 | | | | |
| SUSE Linux Enterprise Server 10 (Service Pack 1 Errata) EM64T/AMD64 Processors Kernel 2.6.16.46-0.14-default 2.6.16.46-0.14-smp | Fibre Channel | QLogic | 8.01.07-k3 | | | | |
| | | Emulex | 8.02.14 | | | | |
| SUSE Linux Enterprise Server 10 (Service Pack 1 Errata) EM64T/AMD64 Processors Kernel 2.6.16.46-0.14-default 2.6.16.46-0.14-smp | Fibre Channel | Emulex | 8.1.10.3 | | | | |
| | | Hitachi | 8.1.10.12 | | | | |
| SUSE Linux Enterprise Server 10 (Service Pack 1 Errata) EM64T/AMD64 Processors Kernel 2.6.16.46-0.14-default 2.6.16.46-0.14-smp | Fibre Channel | Hitachi | Bundle | | | | |
| | | HP | 8.01.07-k3 | | | | |
| SUSE Linux Enterprise Server 10 (Service Pack 1 Errata) EM64T/AMD64 Processors Kernel 2.6.16.46-0.14-default 2.6.16.46-0.14-smp | Fibre Channel | Emulex | 8.01.07-k3 | | | | |
| | | Emulex | 8.2.0.29 | | | | |

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| | 1.1.0.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Fibre Channel over Ethernet | Emulex | 2.1.0.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 2.2.0.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Qlogic | 8.2.0.29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 8.2.0.96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8.03.00.08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brocade | 2.1.0.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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|---|-----------------------------|---------|--------------------|--|--|--|--|
| SUSE Linux Enterprise Server 10 (Service Pack 2) EM64T/AMD64 Processors Kernel 2.6.16.60-0.21-xen | Fibre Channel | QLogic | 8.02.00-k6 | | | | |
| | | Emulex | 8.2.0.22 | | | | |
| | Fibre Channel over Ethernet | Emulex | 8.2.0.96 | | | | |
| SUSE Linux Enterprise Server 10 (Service Pack 3) IA32 / x86 Processors Kernel 2.6.16.60-0.54.5-default 2.6.16.60-0.54.5-smp 2.6.16.60-0.54.5-bigsmg | Fibre Channel | QLogic | 8.03.00.10.10.3-k4 | | | | |
| | | Emulex | 8.2.0.48.2p | | | | |
| | | Brocade | 2.2.0.0 | | | | |
| | | | 2.3.0.0 | | | | |
| | Fibre Channel over Ethernet | Brocade | 2.3.0.0 | | | | |
| | | QLogic | 8.03.01.13.10.3-k4 | | | | |
| | | Emulex | 8.2.0.96 | | | | |

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| SUSE Linux Enterprise Server 10 (Service Pack 3) IA32 / x86 Processors Kernel 2.6.16.60-0.54.5-xenpae | Fibre Channel | QLogic | 8.03.00.10.10.3-k4 | | | | |
| | | Emulex | 8.2.0.48.2p | | | | |
| | | Brocade | 2.3.0.0 | | | | |
| | Fibre Channel over Ethernet | Brocade | 2.3.0.0 | | | | |
| | | QLogic | 8.03.01.13.10.3-k4 | | | | |
| | | Emulex | 8.2.0.96 | | | | |
| SUSE Linux Enterprise Server 10 (Service Pack 3) Itanium / IA64 Processors Kernel 2.6.16.60-0.54.5-default | Fibre Channel | QLogic | 8.03.00.10.10.3-k4 | | | | |
| | | Emulex | 8.2.0.48.2p | | | | |
| | | Brocade | 2.2.0.0 | | | | |
| | | | 2.3.0.0 | | | | |
| | Fibre Channel over Ethernet | Brocade | 2.3.0.0 | | | | |

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|---|-----------------------------|---------|--------------------|--|--|--|
| SUSE Linux Enterprise Server 10 (Service Pack 3) EM64T/AMD64 Processors Kernel 2.6.16.60-0.54.5-default | Fibre Channel | QLogic | 8.03.00.10.10.3-k4 | | | |
| | | Emulex | 8.2.0.48.2p | | | |
| | | Brocade | 2.2.0.0 | | | |
| | | | 2.3.0.0 | | | |
| | Fibre Channel over Ethernet | Brocade | 2.3.0.0 | | | |
| | | QLogic | 8.03.01.13.10.3-k4 | | | |
| | | Emulex | 8.2.0.96 | | | |
| SUSE Linux Enterprise Server 10 (Service Pack 3) EM64T/AMD64 Processors Kernel 2.6.16.60-0.54.5-xen | Fibre Channel | QLogic | 8.03.00.10.10.3-k4 | | | |
| | | Emulex | 8.2.0.48.2p | | | |
| | | Brocade | 2.3.0.0 | | | |
| | Fibre Channel over Ethernet | Brocade | 2.3.0.0 | | | |
| | | QLogic | 8.03.01.13.10.3-k4 | | | |
| | | Emulex | 8.2.0.96 | | | |

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|---|-----------------------------|---------|--------------------|-------------------|-------------------|-------------------|
| SUSE Linux Enterprise Server 10 (Service Pack 4) IA32 / x86 Processors Kernel 2.6.16.60-0.85.1-default 2.6.16.60-0.85.1-smp 2.6.16.60-0.85.1-bigsmpt | Fibre Channel | QLogic | 8.03.01.12.10.3-k4 | B, 26 | B, 26 | B, 26 |
| | | Emulex | 8.2.0.92.1p | 26 | 26 | 26 |
| SUSE Linux Enterprise Server 10 (Service Pack 4) IA32 / x86 Processors Kernel 2.6.16.60-0.85.1-xenpae | Fibre Channel | QLogic | 8.03.01.12.10.3-k4 | B | B | B |
| | | Emulex | 8.2.0.92.1p | | | |
| SUSE Linux Enterprise Server 10 (Service Pack 4) Itanium / IA64 Processors Kernel 2.6.16.60-0.85.1-default | Fibre Channel | QLogic | 8.03.01.12.10.3-k4 | 26 | 26 | 26 |
| | | Emulex | 8.2.0.92.1p | 26 | 26 | 26 |
| SUSE Linux Enterprise Server 10 (Service Pack 4) EM64T/AMD64 Processors Kernel 2.6.16.60-0.85.1-default 2.6.16.60-0.85.1-smp | Fibre Channel | QLogic | 8.03.01.12.10.3-k4 | B, 26 | B, 26 | B, 26 |
| | | Emulex | 8.2.0.92.1p | 26 | 26 | 26 |
| SUSE Linux Enterprise Server 10 (Service Pack 4) EM64T/AMD64 Processors Kernel 2.6.16.60-0.85.1-xen | Fibre Channel | QLogic | 8.03.01.12.10.3-k4 | B | B | B |
| | | Emulex | 8.2.0.92.1p | | | |
| SUSE Linux Enterprise Server 11 (Security Fix) IA32 / x86 Processors Kernel 2.6.27.21-0.1.2-default 2.6.27.21-0.1.2-pae | Fibre Channel | QLogic | 8.02.01.03.11.0-k9 | B, 26 | B, 26 | B, 26 |
| | | Emulex | 8.2.8.14 | 26 | 26 | 26 |
| | | Brocade | 2.1.0.0 | 26 | 26 | 26 |
| | | | 2.2.0.0 | B, 26 | B, 26 | B, 26 |
| | Fibre Channel over Ethernet | Brocade | 2.1.0.0 | 26 | 26 | 26 |
| | | QLogic | 8.03.01.15.11.0-k4 | 26 | 26 | 26 |
| | iSCSI | Novell | Bundle | 65, 66, 67 | 65, 66, 67 | 65, 66, 67 |

| | | | | | | |
|--|-----------------------------|---------|--------------------|------------|------------|------------|
| SUSE Linux Enterprise Server 11 (Security Fix) IA32 / x86 Processors Kernel 2.6.27.21-0.1.2-xen | Fibre Channel | QLogic | 8.02.01.03.11.0-k9 | B | B | B |
| | | Emulex | 8.2.8.14 | | | |
| | Fibre Channel over Ethernet | QLogic | 8.03.01.15.11.0-k4 | | | |
| | iSCSI | Novell | Bundle | 65, 66, 67 | 65, 66, 67 | 65, 66, 67 |
| SUSE Linux Enterprise Server 11 (Security Fix) Itanium / IA64 Processors Kernel 2.6.27.21-0.1.2-default | Fibre Channel | QLogic | 8.02.01.03.11.0-k9 | 26 | 26 | 26 |
| | | Emulex | 8.2.8.14 | 26 | 26 | 26 |
| | | Brocade | 2.1.0.0 | 26 | 26 | 26 |
| | | | 2.2.0.0 | B, 26 | B, 26 | B, 26 |
| | Fibre Channel over Ethernet | Brocade | 2.1.0.0 | 26 | 26 | 26 |
| | iSCSI | Novell | Bundle | 65, 66, 67 | 65, 66, 67 | 65, 66, 67 |
| SUSE Linux Enterprise Server 11 (Security Fix) EM64T/AMD64 Processors Kernel 2.6.27.21-0.1.2-default | Fibre Channel | QLogic | 8.02.01.03.11.0-k9 | B, 26 | B, 26 | B, 26 |
| | | Emulex | 8.2.8.14 | 26 | 26 | 26 |
| | | Brocade | 2.1.0.0 | 26 | 26 | 26 |
| | | | 2.2.0.0 | B, 26 | B, 26 | B, 26 |
| | Fibre Channel over Ethernet | Brocade | 2.1.0.0 | 26 | 26 | 26 |
| | | QLogic | 8.03.01.15.11.0-k4 | 26 | 26 | 26 |
| | iSCSI | Novell | Bundle | 65, 66, 67 | 65, 66, 67 | 65, 66, 67 |
| SUSE Linux Enterprise Server 11 (Security Fix) EM64T/AMD64 Processors Kernel 2.6.27.21-0.1.2-xen | Fibre Channel | QLogic | 8.02.01.03.11.0-k9 | B | B | B |
| | | Emulex | 8.2.8.14 | | | |
| | Fibre Channel over Ethernet | QLogic | 8.03.01.15.11.0-k4 | | | |
| | iSCSI | Novell | Bundle | 65, 66, 67 | 65, 66, 67 | 65, 66, 67 |
| SUSE Linux Enterprise Server 11 (Service Pack 1) IA32 / x86 Processors Kernel 2.6.32.12-0.7.1-default 2.6.32.12-0.7.1-pae | Fibre Channel | QLogic | 8.03.01.06.11.1-k8 | B, 26 | B, 26 | B, 26 |
| | | | 8.03.01.08.11.1-k8 | B, 26, 63 | B, 26, 63 | B, 26, 63 |
| | | | 8.03.07.13.11.1-k | 26 | 26 | 26 |
| | | | 8.03.04.14.11.1-k0 | 26 | 26 | 26 |
| | | Emulex | 8.3.5.8.1p | 26 | 26 | 26 |
| | | | 8.3.5.8.2p | 64 | 64 | 64 |
| | | Brocade | 2.3.0.0 | B, 26 | B, 26 | B, 26 |
| | Fibre Channel over Ethernet | Brocade | 2.3.0.0 | B, 26 | B, 26 | B, 26 |
| | | QLogic | 8.03.04.14.11.1-k0 | 26 | 26 | 26 |
| | | Emulex | 8.3.5.35 | 26 | 26 | 26 |
| | iSCSI | Novell | Bundle | 65, 66, 67 | 65, 66, 67 | 65, 66, 67 |
| | Fibre Channel | QLogic | 8.03.01.06.11.1-k8 | B | B | B |
| | | | 8.03.01.08.11.1-k8 | B, 63 | B, 63 | B, 63 |
| | | | 8.03.07.13.11.1-k | | | |
| | | | 8.03.04.14.11.1-k0 | | | |
| | | Emulex | 8.3.5.8.1p | | | |
| | | | 8.3.5.8.2p | 64 | 64 | 64 |
| | | Brocade | 2.3.0.0 | B | B | B |
| | | | | | | |

| | | | | | | |
|--|-----------------------------|---------|--------------------|------------|------------|------------|
| | Fibre Channel over Ethernet | Brocade | 2.3.0.0 | B | B | B |
| | | QLogic | 8.03.04.14.11.1-k0 | | | |
| | | Emulex | 8.3.5.35 | | | |
| | iSCSI | Novell | Bundle | 65, 66, 67 | 65, 66, 67 | 65, 66, 67 |

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|---|-----------------------------|---------|--------------------|------------|------------|------------|
| SUSE Linux Enterprise Server 11 (Service Pack 1) Itanium / IA64 Processors Kernel 2.6.32.12-0.7.1-default | Fibre Channel | QLogic | 8.03.01.06.11.1-k8 | 26 | 26 | 26 |
| | | | 8.03.01.08.11.1-k8 | 26, 63 | 26, 63 | 26, 63 |
| | | Emulex | 8.3.5.8.1p | 26 | 26 | 26 |
| | | | 8.3.5.8.2p | 64 | 64 | 64 |
| | | Brocade | 2.3.0.0 | B, 26 | B, 26 | B, 26 |
| | Fibre Channel over Ethernet | Brocade | 2.3.0.0 | B, 26 | B, 26 | B, 26 |
| | iSCSI | Novell | Bundle | 65, 66, 67 | 65, 66, 67 | 65, 66, 67 |
| SUSE Linux Enterprise Server 11 (Service Pack 1) EM64T/AMD64 Processors Kernel 2.6.32.12-0.7.1-default | Fibre Channel | QLogic | 8.03.01.06.11.1-k8 | B, 26 | B, 26 | B, 26 |
| | | | 8.03.01.08.11.1-k8 | B, 26, 63 | B, 26, 63 | B, 26, 63 |
| | | | 8.03.07.13.11.1-k | 26 | 26 | 26 |
| | | | 8.03.04.14.11.1-k0 | 26 | 26 | 26 |
| | | Emulex | 8.3.5.8.1p | 26 | 26 | 26 |
| | | | 8.3.5.8.2p | 64 | 64 | 64 |
| | | Brocade | 2.3.0.0 | B, 26 | B, 26 | B, 26 |
| | | | | | | |
| | Fibre Channel over Ethernet | Brocade | 2.3.0.0 | B, 26 | B, 26 | B, 26 |
| | | QLogic | 8.03.04.14.11.1-k0 | 26 | 26 | 26 |
| | | Emulex | 8.3.5.35 | 26 | 26 | 26 |
| | iSCSI | Novell | Bundle | 65, 66, 67 | 65, 66, 67 | 65, 66, 67 |
| SUSE Linux Enterprise Server 11 (Service Pack 1) EM64T/AMD64 Processors Kernel 2.6.32.12-0.7.1-xen | Fibre Channel | QLogic | 8.03.01.06.11.1-k8 | B | B | B |
| | | | 8.03.01.08.11.1-k8 | B, 63 | B, 63 | B, 63 |
| | | | 8.03.07.13.11.1-k | | | |
| | | | 8.03.04.14.11.1-k0 | | | |
| | | Emulex | 8.3.5.8.1p | | | |
| | | | 8.3.5.8.2p | 64 | 64 | 64 |
| | | Brocade | 2.3.0.0 | B | B | B |
| | | | | | | |
| | Fibre Channel over Ethernet | Brocade | 2.3.0.0 | B | B | B |
| | | QLogic | 8.03.04.14.11.1-k0 | | | |
| | | Emulex | 8.3.5.35 | | | |
| | iSCSI | Novell | Bundle | 65, 66, 67 | 65, 66, 67 | 65, 66, 67 |
| SUSE Linux Enterprise Server 11 (Service Pack 2) IA32 / x86 Processors Kernel 3.0.13-0.27-default 3.0.13-0.27-pae | Fibre Channel | QLogic | 8.03.07.07-k | B, 26 | B, 26 | B, 26 |
| | | Emulex | 8.3.5.48.2p | 26, 65 | 26, 65 | 26, 65 |
| | iSCSI | Novell | Bundle | 65, 66, 67 | 65, 66, 67 | 65, 66, 67 |
| SUSE Linux Enterprise Server 11 (Service Pack 2) Itanium / IA64 Processors Kernel 3.0.13-0.27-default | Fibre Channel | QLogic | 8.03.07.07-k | B, 26 | B, 26 | B, 26 |
| | | Emulex | 8.3.5.48.2p | 26, 65 | 26, 65 | 26, 65 |
| | iSCSI | Novell | Bundle | 65, 66, 67 | 65, 66, 67 | 65, 66, 67 |
| SUSE Linux Enterprise Server 11 (Service Pack 2) EM64T/AMD64 Processors Kernel 3.0.13-0.27-default | Fibre Channel | QLogic | 8.03.07.07-k | B, 26 | B, 26 | B, 26 |
| | | Emulex | 8.3.5.48.2p | B, 26, 65 | B, 26, 65 | B, 26, 65 |
| | iSCSI | Novell | Bundle | 65, 66, 67 | 65, 66, 67 | 65, 66, 67 |

| | | | | | | |
|--|---------------|--------|-------------------|------------|------------|------------|
| SUSE Linux Enterprise Server 11 (Service Pack 3) IA32 / x86 Processors Kernel 3.0.76-0.11-default 3.0.76-0.11-pae | Fibre Channel | QLogic | 8.04.00.13.11.3-k | B, 26 | B, 26 | B, 26 |
| | | Emulex | 8.3.7.10.6p | 26, 65 | 26, 65 | 26, 65 |
| | iSCSI | Novell | Bundle | 65, 66, 67 | 65, 66, 67 | 65, 66, 67 |
| SUSE Linux Enterprise Server 11 (Service Pack 3) Itanium / IA64 Processors Kernel 3.0.76-0.11-default | Fibre Channel | QLogic | 8.04.00.13.11.3-k | B, 26 | B, 26 | B, 26 |
| | | Emulex | 8.3.7.10.6p | 26, 65 | 26, 65 | 26, 65 |
| | iSCSI | Novell | Bundle | 65, 66, 67 | 65, 66, 67 | 65, 66, 67 |
| SUSE Linux Enterprise Server 11 (Service Pack 3) EM64T/AMD64 Processors Kernel 3.0.76-0.11-default | Fibre Channel | QLogic | 8.04.00.13.11.3-k | B, 26 | B, 26 | B, 26 |
| | | Emulex | 8.3.7.10.6p | 26, 65 | 26, 65 | 26, 65 |
| | iSCSI | Novell | Bundle | 65, 66, 67 | 65, 66, 67 | 65, 66, 67 |
| SUSE Linux Enterprise Server 11 (Service Pack 3) EM64T/AMD64 Processors Kernel 3.0.76-0.11-xen | Fibre Channel | QLogic | 8.04.00.13.11.3-k | B, 26 | B, 26 | B, 26 |
| | | Emulex | 8.3.7.10.6p | 26, 65 | 26, 65 | 26, 65 |
| | iSCSI | Novell | Bundle | 65, 66, 67 | 65, 66, 67 | 65, 66, 67 |
| SUSE Linux Enterprise Server 11 (Service Pack 4) IA32 / x86 Processors Kernel 3.0.101.63.1-default 3.0.101.63.1-pae | Fibre Channel | QLogic | 8.07.00.18-k | | B, 26 | B, 26 |
| | | Emulex | 10.4.8000.0 | | B, 26 | B, 26 |
| | iSCSI | Novell | Bundle | | 65, 66, 67 | 65, 66, 67 |
| SUSE Linux Enterprise Server 11 (Service Pack 4) Itanium / IA64 Processors Kernel 3.0.101.63.1-default | Fibre Channel | QLogic | 8.07.00.18-k | | B, 26 | B, 26 |
| | | Emulex | 10.4.8000.0 | | B, 26 | B, 26 |
| | iSCSI | Novell | Bundle | | 65, 66, 67 | 65, 66, 67 |
| SUSE Linux Enterprise Server 11 (Service Pack 4) EM64T/AMD64 Processors Kernel 3.0.101.63.1-default | Fibre Channel | QLogic | 8.07.00.18-k | | B, 26 | B, 26 |
| | | Emulex | 10.4.8000.0 | | B, 26 | B, 26 |
| | iSCSI | Novell | Bundle | | 65, 66, 67 | 65, 66, 67 |
| SUSE Linux Enterprise Server 11 (Service Pack 4) EM64T/AMD64 Processors Kernel 3.0.101.63.1-xen | Fibre Channel | QLogic | 8.07.00.18-k | | B, 26 | B, 26 |
| | | Emulex | 10.4.8000.0 | | B, 26 | B, 26 |
| | iSCSI | Novell | Bundle | | 65, 66, 67 | 65, 66, 67 |
| SUSE Linux Enterprise Server 12 EM64T/AMD64 Processors Kernel 3.12.28-4-default | Fibre Channel | QLogic | 8.07.00.08.12.0-k | B, 26 | B, 26 | B, 26 |
| | | Emulex | 10.2.8040.1 | 26, 65 | 26, 65 | 26, 65 |
| | iSCSI | Novell | Bundle | 65, 66, 67 | 65, 66, 67 | 65, 66, 67 |
| SUSE Linux Enterprise Server 12 EM64T/AMD64 Processors Kernel 3.12.28-4-xen | Fibre Channel | QLogic | 8.07.00.08.12.0-k | B, 26 | B, 26 | B, 26 |
| | | Emulex | 10.2.8040.1 | 26, 65 | 26, 65 | 26, 65 |
| | iSCSI | Novell | Bundle | 65, 66, 67 | 65, 66, 67 | 65, 66, 67 |

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| Supported | |
| Not Supported | |

| Notes | |
|-------|---|
| B | SAN boot is supported. |
| 26 | XEN is not supported. |
| 46 | Bundled with SUSE Linux ES 10 (kernel 2.6.16.21-08-defaults/2.6.16.21-08-smp/2.6.16.21-08-bigsmmp). |
| 51 | Bundled with SUSE Linux ES 10 (Kernel 2.6.16.27-0.9-defaults/2.6.16.27-0.9-smp/2.6.16.27-0.9-bigsmmp). |
| 60 | The settings of these drivers are failover. If you want to change the setting of failover to invalid, set the following in /etc/modprobe.conf file. |
| 61 | All drivers applied to Hitachi HBA cards for Hitachi Compute Blade are supported. |
| 62 | The default setting of these drivers is "Failover". If you want to change the setting to "Disable", set the following in the /etc/modprobe.conf file: options qla2xxx ql2xfailover=0 |
| 63 | Supported by kernel 2.6.32.24-0.2.1 or later. |
| 64 | Supported by kernel 2.6.32.36-0.5.2 or later. |
| 65 | Boot disk environment configurations are not supported. |
| 66 | iSCSI HBA/CNA is not supported. |
| 67 | 10GbE NIC is not supported. |

IMPORTANT NOTE

There are no plans to support HDLM with HP-UX 11iV3 or later because HP-UX 11iV3 has implemented its own native multipathing solution. Additionally, HP does not recommend nor support 3rd party vendor multipathing on HP-UX 11iV3 or later. All issues relating to multipathing and HP-UX 11iV3 must be discussed directly with HP.

| Hewlett-Packard HP-UX | | | | HDLM Version | | | |
|--|---|----------------------------------|---------------|-------------------------|-------|-------|----|
| | | | | 6.1.0 | 6.5.0 | 6.5.1 | |
| Product Modifications and Additional Functions | Manual Fail Over | | | | | | |
| | Manual Fail Back | | | | | | |
| | Automatic Fail Over | | | | | | |
| | Automatic Fail Back | | | | | | |
| | Load balance (Round Robin) | | | | | | |
| | Load balance (Extended Round Robin) | | | | | | |
| | Load Balance (Least I/O) | | | | | | |
| | Load Balance (Extended Least I/O) | | | | | | |
| | Load Balance (Least Blocks) | | | | | | |
| | Load Balance (Extended Least Blocks) | | | | | | |
| | Load balance under Serviceguard(MC/SG) | | | | | | |
| | Automatic Discovery | | | | | | |
| | Error Log | | | | | | |
| | CLI | | | | | | |
| | GUI | | | | | | |
| | GUI browser | | | | | | |
| | Path Blockade | | | | | | |
| | Health check | | | | | | |
| | Health check Time | | | | | | |
| | Online(E) | | | | | | |
| | Integration with HDvM | | | | | | |
| | Dynamic Reconfiguration (Adding LU) | | | | | | |
| | Offline for each HBA(CLI) | | | | | | |
| | Target Side Failover | | | | | | |
| | HMDE Support | | | 1 | 1 | 1 | |
| | Boot Disk | | | | | | |
| | Upgrade install | | | | | | |
| | Service Pack | | | | | | |
| | HBA hot swap | | | | | | |
| | Internationalization Environment | | | | | | |
| | Support for LUN256 or Higher | | | | | | |
| | HP Integrity Virutal Machines (IVM) | | | 10 | 10 | 10 | |
| Audit Log | | | | | | | |
| HDLM Component Install Utility | | | | | | | |
| The function of displaying WWN of a HBA port | | | | | | | |
| online/offline path by SCSI device name | | | | | | | |
| Supported Storage Systems | Storage Subsystem | | Interface | Microcode version | | | |
| | Hitachi Lightning 9900V | | Fibre Channel | 21-01-25-XX/XX or later | | | |
| | Hitachi Universal Storage Platform V | | Fibre Channel | 60-01-XX-XX/XX or later | | | |
| | Hitachi Universal Storage Platform VM | | Fibre Channel | 60-01-61-XX/XX or later | | | |
| | Hitachi Universal Storage Platform | | Fibre Channel | 50-01-19-XX/XX or later | | | |
| | Hitachi Virtual Storage Platform | | Fibre Channel | 70-01-00-XX/XX or later | | | |
| | Hitachi Unified Storage VM | | Fibre Channel | 73-01-0X-XX/XX or later | | | |
| | Hitachi Network Storage Controller NSC55 | | Fibre Channel | 50-03-94-XX/XX or later | | | |
| | Hitachi Thunder 9530V | | Fibre Channel | 0651/D or later | | | |
| | Hitachi Thunder 9570V | | Fibre Channel | 0651/D or later | | | |
| | Hitachi Thunder 9580V | | Fibre Channel | 1654/A or later | | | |
| | Hitachi Workgroup Modular Storage WMS100 | | Fibre Channel | 0720/A or later | | | |
| | Hitachi Adaptable Modular Storage AMS200 | | Fibre Channel | 0712/A or later | | | |
| | Hitachi Adaptable Modular Storage AMS500 | | Fibre Channel | 0712/A or later | | | |
| | Hitachi Adaptable Modular Storage AMS1000 | | Fibre Channel | 0712/A or later | | | |
| | Hitachi Adaptable Modular Storage AMS2100 | | Fibre Channel | 0832/E or later | | | |
| | Hitachi Adaptable Modular Storage AMS2300 | | Fibre Channel | 0832/E or later | | | |
| | Hitachi Adaptable Modular Storage AMS2500 | | Fibre Channel | 0832/E or later | | | |
| | SMS 100 | | Fibre Channel | 1810/N or later | | | |
| | Exclusive Products | Hitachi Path Manager | | | 11 | 11 | 11 |
| | | VxVM-DMP | | | 11 | 11 | 11 |
| | | PV-Link(AltLink) (HP-UX bundled) | | | 12 | 12 | 12 |
| PowerPath | | | | | | | |
| SDD | | | | | | | |
| HP StorageWorks Secure Path | | | | | | | |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|--|
| 1 | The prerequisite OS is HP-UX11i v1 or HP-UX11i v2 (IPF). |
| 10 | HP Integrity Virtual Machines (abbreviated hereafter to IVM) is only supported in configurations that meet all of the following conditions: - HDLM is installed only on the host OS. - Only HP-UX 11iV2 is installed on the guest OS. Additionally, the following configurations and IVM commands are not supported: - Any cluster running on the Host OS - The hpvmmigrate command |
| 11 | This product is mutually exclusive with HDLM. |
| 12 | HDLM and other path management software may be able to coexist if they manage separate storage systems. Please contact appropriate person in HDS. |

IMPORTANT NOTE

There are no plans to support HDLM with HP-UX 11iV3 or later because HP-UX 11iV3 has implemented its own native multipathing solution. Additionally, HP does not recommend nor support 3rd party vendor multipathing on HP-UX 11iV3 or later. All issues relating to multipathing and HP-UX 11iV3 must be discussed directly with HP.

HDLM is dependent only on the driver version, not the HBA model. For this reason, specific HBA models are no longer listed, just driver versions. So if the HBA driver version is supported, then HDLM is supported. This also means that OEM versions are supported, as long as the driver is supported.

| HP-UX 11i V1.0 | | | | HDLM Version | | |
|----------------|---------------|----|-----|--------------|-------|-------|
| | HBA | | Bus | Driver | 6.1.0 | 6.5.0 |
| HP-UX 11i V1.0 | Fibre Channel | HP | PCI | HP-UX Bundle | | |

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|---------------|--|
| Supported | |
| Not Supported | |

| HP-UX 11i V2 (PA-RISC and Itanium / IA64) | | | | HDLM Version | | |
|--|---------------|----|-----|--------------|-------|-------|
| OS | HBA | | Bus | Driver | 6.1.0 | 6.5.0 |
| HP-UX 11i V2 (PA-RISC and Itanium / IA64) Sep 2004, May 2005, Dec 2005, March 2006, June 2006, Sep 2006, June 2007, December 2007, June 2008 | Fibre Channel | HP | PCI | HP-UX Bundle | | |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

IMPORTANT NOTE

There are no plans to support HDLM with HP-UX 11iV3 or later because HP-UX 11iV3 has implemented its own native multipathing solution. Additionally, HP does not recommend nor support 3rd party vendor multipathing on HP-UX 11iV3 or later. All issues relating to multipathing and HP-UX 11iV3 must be discussed directly with HP.

| HP-UX 11iV2 IVM Support | | | | |
|---|-------------|--------------|-------|-------|
| Release | IVM Version | HDLM Version | | |
| | | 6.1.0 | 6.5.0 | 6.5.1 |
| May 2005 December 2005 March 2006 June 2006 | 2.0 | 1 | 1 | 1 |
| September 2006 June 2007 December 2007 June 2008 | 2.0 | 1 | 1 | 1 |
| | 3.0 | 1 | 1 | 1 |
| December 2007 June 2008 | 3.5 | 1 | 1 | 1 |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|---|
| 1 | <div>HP Integrity Virtual Machines (abbreviated hereafter to IVM) are supported only in configurations that meet all of the following conditions:<ul style="list-style-type: none">- Configurations that have HDLM installed only on the host OS- Configurations that use HP-UX 11i V2 only on the guest OS<div>Additionally, the following configurations and IVM commands are not supported:<ul style="list-style-type: none">- Any cluster running on the Host OS- The hpvmmigrate command</div></div> |

| IBM AIX | | HDLM Version | | |
|--|--|--------------|----------|----------|
| | | 8.2.0 | 8.2.1 | 8.4.0 |
| Product Modifications and Additional Functions | Manual Fail Over | | | |
| | Manual Fail Back | | | |
| | Automatic Fail Over | | | |
| | Automatic Fail Back | | | |
| | Load balance (Round Robin) | | | |
| | Load balance (Extended Round Robin) | | | |
| | Load Balance (Least I/O) | | | |
| | Load Balance (Extended Least I/O) | | | |
| | Load Balance (Least Blocks) | | | |
| | Load Balance (Extended Least Blocks) | | | |
| | Load balance under HACMP | | | |
| | Support Persistent Group Reserve | | | |
| | Automatic Discovery | | | |
| | Error Log | | | |
| | CLI | 47 | 47 | 47 |
| | Path Blockade | | | |
| | Health check | | | |
| | Health check Time (1min to 24 hr) | | | |
| | Online(E) | | | |
| | Dynamic Reconfiguration | | | |
| | Offline for each HBA(CLI) | | | |
| | Target Side Failover | | | |
| | HMDE support | | | |
| | Boot Disk | 14,25,27 | 14,25,27 | 14,25,27 |
| | Long time failover | | | |
| | Upgrade install | 22,23 | 22,23 | 22,23 |
| | Service Pack | | | |
| | HBA hot swap | | | |
| | Dynamic Tracking | | | |
| | Virtual I/O | 5 | 5 | 5 |
| | internationalization environment | | | |
| | Silent Install Utility | | | |
| | PGR Reset Utility | | | |
| | Installation Configuration support utility | | | |
| | Support for unique_id Attribute | | | |
| | Support for LUN256 or Higher | | | |
| | Per LU Reservation Facility | 21 | 21 | 21 |
| | iostat Command Support | | | |
| | Unattended Installation & Configuration | | | |
| | Audit Log | | | |
| | HDLM Component Install Utility | | | |
| | MPIO Device | 21 | 21 | 21 |
| | The function of displaying WWN of a HBA port | | | |
| | HDLM Restoration Support Utility | | | |
| | online/offline by host device name and OS management path ID. | | | |
| | High Availability Manager | 48 | 48 | 48 |
| | Priority of switching destination paths | | | |
| | Update installations of HDLM on alternate disk. | | | |
| | nimadm support | | | |
| | HDLM 6.4.0 and later will retry the I/O that had a SCSI_TRANSPORT_FAULT using the same path. | | | |
| | rendev command support | | | |
| | Dynamic I/O Path Control | 43 | 43 | 43 |
| | Specifying the number of times the same path can be used for I/O operations when the load balancing is used. | | | |
| | Specifying the number of times the same path can be used for random I/O operations when extended load balancing is used. | | | |
| | Update installations of HDLM by multibos command. | | | |
| | reserve_policy=PR_shared support | | | |
| | system backup by mkcd/mkdvdb/backupios command in boot disk environment | | | |
| | HDLM log output to OS error log | | | |

| | | | | | | |
|---------------------------|---|-----------------------------|------------------------------|----------|----------|----------|
| Supported Storage Systems | Storage System | Interface | Microcode version | | | |
| | Hitachi Lightning 9900V | Fibre Channel | 21-02-21-XX/XX or later | | | |
| | Hitachi Universal Storage Platform V | Fibre Channel | 60-01-XX-XX/XX or later | 6 | 6 | 6 |
| | Hitachi Universal Storage Platform VM | Fibre Channel | 60-01-61-XX/XX or later | 6 | 6 | 6 |
| | Hitachi Virtual Storage Platform | Fibre Channel | 70-01-00-XX/XX or later | 3,6 | 3,6 | 3,6 |
| | | Fibre Channel over Ethernet | 70-02-5X-XX/XX or later | 3,6 | 3,6 | 3,6 |
| | Hitachi Virtual Storage Platform G1000 | Fibre Channel | 80-01-2X-XX/XX or later | 6,45,49 | 6,45,49 | 6,45,49 |
| | | Fibre Channel over Ethernet | 80-02-0X-XX/XX or later | 6,45,49 | 6,45,49 | 6,45,49 |
| | | Fibre Channel | 80-02-4X-XX/XX or later | 51 | 51 | 51 |
| | Hitachi Virtual Storage Platform G200 | Fibre Channel | 83-01-01-20/XX or later | | | |
| | | Fibre Channel | 83-01-2X-20/XX or later(*50) | | | |
| | Hitachi Virtual Storage Platform G400 | Fibre Channel | 83-01-01-40/XX or later | | | |
| | | Fibre Channel | 83-01-2X-40/XX or later(*50) | | | |
| | Hitachi Virtual Storage Platform G600 | Fibre Channel | 83-01-01-40/XX or later | | | |
| | | Fibre Channel | 83-01-2X-40/XX or later(*50) | | | |
| | Hitachi Virtual Storage Platform G800 | Fibre Channel | 83-01-2X-60/XX or later | | | |
| | Hitachi Virtual Storage Platform F400 | Fibre Channel | 83-02-01-40/XX or later | | 53 | 53 |
| | | | 83-03-01-40/XX or later | | | |
| | Hitachi Virtual Storage Platform F600 | Fibre Channel | 83-02-01-40/XX or later | | 53 | 53 |
| | | | 83-03-01-40/XX or later | | | |
| | Hitachi Virtual Storage Platform F800 | Fibre Channel | 83-02-01-60/XX or later | | 53 | 53 |
| | | | 83-03-01-60/XX or later | | | |
| | Hitachi Unified Storage VM | Fibre Channel | 73-01-0X-XX/XX or later | 4,6 | 4,6 | 4,6 |
| | Hitachi Universal Storage Platform | Fibre Channel | 50-01-19-XX/XX or later | 6 | 6 | 6 |
| | Hitachi Network Storage Controller NSC55 | Fibre Channel | 50-03-94-XX/XX or later | 6 | 6 | 6 |
| | Hitachi Adaptable Modular Storage AMS200 | Fibre Channel | 0712/A or later | 8 | 8 | 8 |
| | Hitachi Adaptable Modular Storage AMS500 | Fibre Channel | 0712/A or later | 8 | 8 | 8 |
| | Hitachi Adaptable Modular Storage AMS1000 | Fibre Channel | 0712/A or later | 8 | 8 | 8 |
| | Hitachi Adaptable Modular Storage AMS2100 | Fibre Channel | 0832/E or later | 9 | 9 | 9 |
| | Hitachi Adaptable Modular Storage AMS2300 | Fibre Channel | 0832/E or later | 9 | 9 | 9 |
| | Hitachi Adaptable Modular Storage AMS2500 | Fibre Channel | 0832/E or later | 9 | 9 | 9 |
| | Hitachi Unified Storage 110 | Fibre Channel | 0915/A or later | 9 | 9 | 9 |
| | Hitachi Unified Storage 130 | Fibre Channel | 0915/A or later | 9 | 9 | 9 |
| | Hitachi Unified Storage 150 | Fibre Channel | 0915/A or later | 9 | 9 | 9 |
| | Hitachi Workgroup Modular Storage WMS100 | Fibre Channel | 0720/A or later | 8 | 8 | 8 |
| | SMS 100 | Fibre Channel | 1810/N or later | 9 | 9 | 9 |
| | HP StorageWorks XP128 Disk Array | Fibre Channel | 21-01-24-XX/XX or later | | | |
| | HP StorageWorks XP1024 Disk Array | Fibre Channel | 21-01-24-XX/XX or later | | | |
| | HP StorageWorks XP10000 Disk Array | Fibre Channel | 50-03-94-XX/XX or later | 6 | 6 | 6 |
| | HP StorageWorks XP12000 Disk Array | Fibre Channel | 50-01-19-XX/XX or later | 6 | 6 | 6 |
| | HP StorageWorks XP20000 Disk Array | Fibre Channel | 60-01-61-XX/XX or later | 6 | 6 | 6 |
| | HP StorageWorks XP24000 Disk Array | Fibre Channel | 60-01-XX-XX/XX or later | 6 | 6 | 6 |
| | HP StorageWorks P9500 Disk Array | Fibre Channel | 70-01-00-XX/XX or later | 6 | 6 | 6 |
| | | Fibre Channel over Ethernet | 70-02-5X-XX/XX or later | 3,6 | 3,6 | 3,6 |
| | | Fibre Channel | 80-01-2X-XX/XX or later | 6,46,49 | 6,46,49 | 6,46,49 |
| | HP XP7 Storage | Fibre Channel over Ethernet | 80-02-0X-XX/XX or later | 6,46,49 | 6,46,49 | 6,46,49 |
| | | Fibre Channel | 80-02-4X-XX/XX or later | 52 | 52 | 52 |
| | SVS | Fibre Channel | 50-07-01-XX/XX or later | 6 | 6 | 6 |
| Exclusive Products | Hitachi Path Manager | | | 28 | 28 | 28 |
| | AutoPath | | | 28 | 28 | 28 |
| | VxVM-DMP | | | 29 | 29 | 29 |
| | PowerPath | | | 34,35,36 | 34,35,36 | 34,35,36 |
| | SDD | | | 33 | 33 | 33 |
| | RDAC | | | 29 | 29 | 29 |
| | AIX 5.1 ML00 or earlier bundle MPIO | | | | | |
| | AIX 5.2 ML01 or later bundle MPIO | | | 1 | 1 | 1 |
| | HTC_MPIO_ODM | | | 28 | 28 | 28 |
| | XP_MPIO_ODM | | | 28 | 28 | 28 |
| | HTC_MPIO_Modular_ODM | | | 28 | 28 | 28 |
| | Other path management product which corresponds to MPIO | | | 1 | 1 | 1 |
| | Supported | | | | | |
| | Not Supported | | | | | |

| Notes | |
|-------|---|
| 1 | HBA FC-port sharing is supported in OS bundled MPIO or SDD-PCM. HBA FC-port sharing is not supported in path management products other than OS bundled MPIO and SDD-PCM. |
| 3 | When you set the reserve_policy attribute for hdisk to PR_shared, use a microprogram version 70-04-3X-XX/XX(X: voluntary number) or later. |
| 4 | When you set the reserve_policy attribute for hdisk to PR_shared, use a microprogram version 73-01-3X-XX/XX(X: voluntary number) or later. |
| 5 | i5/OS and Linux on Power can be used as virtual I/O clients. For details, contact IBM. |
| 6 | Select Host Mode Option 2. |
| 7 | Set the Host Mode Option [Persistent RSV Cluster Mode] ON. |
| 8 | Set the Host Mode Option [Unique Reserve Mode 1] ON. |
| 9 | When using simple settings in the Edit Host Group window, select [VCS] from the [Middleware] pulldown menu. When using additional settings in the Edit Host Group window, select the [Unique Reserve Mode 1] check box. |
| 14 | Confirm the storage support status with appropriate person in HDS for Storage Systems support status. |
| 21 | <p>Use HTC-ODM version 5.0.52.1 or later if you are using any of the following storage systems:</p> <ul style="list-style-type: none"> - Hitachi AMS2000/AMS/WMS/SMS series - Hitachi USP (excluding the HP XP series) - Lightning 9900V series (excluding the HP XP series) - Thunder 9500V series - Universal Storage Platform V/VM (excluding HP XP20000 and HP XP24000) - Hitachi Virtual Storage Platform (excluding P9500) - VSP G1000(excluding XP7) - HUS100 - HUS VM <p>Use XP-ODM version 5.0.52.1 or later if you are using any of the following storage systems:</p> <ul style="list-style-type: none"> - HP XP series - P9500 - HP XP7 |
| 22 | An update cannot be performed if the currently installed version of HDLM is 5.8.1 or earlier. |
| 23 | You can use the alt_disk_copy and nim commands to perform HDLM upgrade installation to alternate disks. |
| 25 | Boot disks that use virtual SCSI disks in a virtual I/O client partition can be managed by HDLM in a virtual I/O server partition. |
| 27 | Boot disks that use virtual HBA through the NPIV functionality in a virtual I/O client partition can be managed by HDLM in a virtual I/O client partition. |
| 28 | This product is mutually exclusive with HDLM. |
| 29 | HDLM and other path management software may be able to coexist if they manage separate storage systems. Please contact appropriate person in HDS. |
| 33 | Coexistence with SDD is possible. However, storage system managed by SDD and storage system managed by HDLM are only supported in configurations that are connected by using a different instance of HBA or a separate switch. |
| 34 | You cannot share HBAs used by HDLM. |
| 35 | Applies to PowerPath 4.5.3 and later. |
| 36 | Before introducing HDLM, remove storage system devices of Hitachi products from PowerPath management. |
| 43 | Microprogram version 08B8/D or later is required for using Dynamic I/O Path Control on Hitachi AMS2000 series/Hitachi SMS series. |
| 44 | Supported with some conditions customer-by-customer basis (SUI 044226). Please contact appropriate person in HDS. |
| 45 | Global-active devices are supported. |
| 46 | High Availability is supported. |
| 47 | A refresh operation that reflects the setting of the non-preferred path option to HDLM is supported when a global-active device (called the High Availability feature in the case of XP7) is used. |
| 48 | For information about functional restrictions, see the HAM User Guide. |
| 49 | Set the reserve_policy attribute of an hdisk that is to become a global-active device pair volume to no_reserve. |
| 50 | Apply this version when a global-active device is used. |
| 51 | When you use a normal VOL as a global-active device pair VOL, use this version. |
| 52 | When you use a normal VOL as a High Availability pair VOL, use this version. |
| 53 | The dlkmgr command and HGLM display "VSP_Gx00" as the model ID of the storage system. |

IMPORTANT NOTE

HDLM is dependent only on the driver version, not the HBA model. For this reason, specific HBA models are no longer listed, just driver versions. So if the HBA driver version is supported, then HDLM is supported. This also means that OEM versions are supported, as long as the driver is supported.

| AIX 6.1 | | | | | HDLM Version | | |
|---------|-----------------------------|--------|---------|------------|--------------|-------|-------|
| OS | HBA/CNA | | | Driver | 8.2.0 | 8.2.1 | 8.4.0 |
| | | | | | | | |
| AIX 6.1 | Fibre Channel | IBM | - | AIX Bundle | | | |
| | | Qlogic | QMI2472 | AIX Bundle | 8 | 8 | 8 |
| | | | QMI2572 | AIX Bundle | 8 | 8 | 8 |
| | Fibre Channel over Ethernet | IBM | FC5708 | AIX Bundle | | | |
| | | | | | | | |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|--|
| 8 | HBA hot swap is not supported for this HBA because this HBA does not support hot plug. |

| AIX 7.1 | | | | | HDLM Version | | |
|---------|-----------------------------|--------|---------|------------|--------------|-------|-------|
| OS | HBA/CNA | | | Driver | 8.2.0 | 8.2.1 | 8.4.0 |
| | | | | | | | |
| AIX 7.1 | Fibre Channel | IBM | - | AIX Bundle | | | |
| | | Qlogic | QMI2472 | AIX Bundle | 8 | 8 | 8 |
| | | | QMI2572 | AIX Bundle | 8 | 8 | 8 |
| | Fibre Channel over Ethernet | IBM | FC5708 | AIX Bundle | | | |
| | | | | | | | |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|--|
| 8 | HBA hot swap is not supported for this HBA because this HBA does not support hot plug. |

| AIX 7.2 | | | | | HDLM Version | | |
|---------|-----------------------------|--------|---------|------------|--------------|-------|-------|
| OS | HBA/CNA | | | Driver | 8.2.0 | 8.2.1 | 8.4.0 |
| | | | | | | | |
| AIX 7.2 | Fibre Channel | IBM | - | AIX Bundle | | | |
| | | Qlogic | QMI2472 | AIX Bundle | | 8 | 8 |
| | | | QMI2572 | AIX Bundle | | 8 | 8 |
| | Fibre Channel over Ethernet | IBM | FC5708 | AIX Bundle | | | |
| | | | | | | | |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|--|
| 8 | HBA hot swap is not supported for this HBA because this HBA does not support hot plug. |

| AIX Maintenance Levels | | | | |
|------------------------|-------|----------------------------|----------------------------|----------------------------|
| OS | | HDLM Version | | |
| | | 8.2.0 | 8.2.1 | 8.4.0 |
| Version | ML | | | |
| 6.1 | No TL | SP1 + APAR IZ11722 | SP1 + APAR IZ11722 | SP1 + APAR IZ11722 |
| | TL01 | APAR IZ42661 | APAR IZ42661 | APAR IZ42661 |
| | TL02 | SP2 + APAR IZ42662 | SP2 + APAR IZ42662 | SP2 + APAR IZ42662 |
| | TL03 | SP1 or later are supported | SP1 or later are supported | SP1 or later are supported |
| | TL04 | 2 | 2 | 2 |
| | TL05 | SP1 or later are supported | SP1 or later are supported | SP1 or later are supported |
| | TL06 | | | |
| | TL07 | | | |
| | TL08 | SP1 or later are supported | SP1 or later are supported | SP1 or later are supported |
| | TL09 | SP1 or later are supported | SP1 or later are supported | SP1 or later are supported |
| 7.1 | No TL | | | |
| | TL01 | | | |
| | TL02 | SP1 or later are supported | SP1 or later are supported | SP1 or later are supported |
| | TL03 | SP1 or later are supported | SP1 or later are supported | SP1 or later are supported |
| | TL04 | SP1 or later are supported | SP1 or later are supported | SP1 or later are supported |
| 7.2 | No TL | | | |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|---|--|
| All SPs are supported unless otherwise specified. | |
| SPx or later are supported. | Apply specified SP or later version. |
| SP1 + APAR IZ11722 | You must apply SP1 (or later) and the APAR to the left is required. |
| 1 | Apply a patch equivalent to APAR IX06210 for AIX5.3 TL04 or TL05, because there is a possibility of a kernel panic due to OS failure. According to the IBM support policy (http://www14.software.ibm.com/webapp/set2/sas/f/best/AIX5Lrel-svc-strat-chngs2007.pdf), patches equivalent to APAR IZ06210 for AIX 5.3 TL04 or TL05 are not currently provided to the public. Request such patches from IBM directly. This technology level is supported if a patch equivalent to APAR IZ06210 for AIX5.3 TL04 or TL05 is applied. |
| APAR IZ43371 | Apply APAR IZ43371. You might have to request this of IBM directly if it is not publicly available. All SPs are supported |
| APAR IZ42661 | Apply APAR IZ42661. You might have to request this of IBM directly if it is not publicly available. All SPs are supported |
| SP2 + APAR IZ42658 | Install Service Pack 2 (or a later version) and APAR. |
| SP2 + APAR IZ42662 | Install Service Pack 2 (or a later version) and APAR. |
| 2 | When using a boot disk environment that uses any model of the Thunder 9500V series, Hitachi AMS2000/AMS/TMS/WMS/SMS series, or HUS100 series, you must apply SP2 or later. |

| AIX VIO Support | | | | | | | |
|------------------|---------|-------------|---------------|---------|--------------|-------|-------|
| Operating System | | VIO Version | Cluster | | HDLM Version | | |
| Name | Version | | Name | Version | 8.2.0 | 8.2.1 | 8.4.0 |
| AIX | 6.1 | 2.2.0.xx | No Cluster | | 12 | 12 | 12 |
| | | | HACMP/PowerHA | 6.1 | 12 | 12 | 12 |
| | | | | 7.1 | 12 | 12 | 12 |
| | | | | 7.1.1 | 12 | 12 | 12 |
| | | | | 7.1.2 | | | |
| | | | | 7.1.3 | | | |
| | | 2.2.1.xx | No Cluster | | 12 | 12 | 12 |
| | | | HACMP/PowerHA | 6.1 | 12 | 12 | 12 |
| | | | | 7.1 | 12 | 12 | 12 |
| | | | | 7.1.1 | 12 | 12 | 12 |
| | | | | 7.1.2 | | | |
| | | | | 7.1.3 | | | |
| | | 2.2.2.xx | No Cluster | | 12 | 12 | 12 |
| | | | HACMP/PowerHA | 6.1 | 12 | 12 | 12 |
| | | | | 7.1 | 12 | 12 | 12 |
| | | | | 7.1.1 | 12 | 12 | 12 |
| | | | | 7.1.2 | | | |
| | | | | 7.1.3 | | | |
| | | 2.2.3.xx | No Cluster | | 12 | 12 | 12 |
| | | | HACMP/PowerHA | 6.1 | 12 | 12 | 12 |
| | | | | 7.1 | 12 | 12 | 12 |
| | | | | 7.1.1 | 12 | 12 | 12 |
| | | | | 7.1.2 | | | |
| | | | | 7.1.3 | | | |
| | | 2.2.4.xx | No Cluster | | 12 | 12 | 12 |
| | | | HACMP/PowerHA | 6.1 | 12 | 12 | 12 |
| | | | | 7.1 | 12 | 12 | 12 |
| | | | | 7.1.1 | 12 | 12 | 12 |
| | | | | 7.1.2 | | | |
| | | | | 7.1.3 | | | |
| | 7.1 | 2.2.0.xx | No Cluster | | 12 | 12 | 12 |
| | | | HACMP/PowerHA | 6.1 | 12 | 12 | 12 |
| | | | | 7.1 | 12 | 12 | 12 |
| | | | | 7.1.1 | 12 | 12 | 12 |
| | | | | 7.1.2 | | | |
| | | | | 7.1.3 | | | |
| | | 2.2.1.xx | No Cluster | | 12 | 12 | 12 |
| | | | HACMP/PowerHA | 6.1 | 12 | 12 | 12 |
| | | | | 7.1 | 12 | 12 | 12 |
| | | | | 7.1.1 | 12 | 12 | 12 |
| | | | | 7.1.2 | | | |
| | | | | 7.1.3 | | | |
| | | 2.2.2.xx | No Cluster | | 12 | 12 | 12 |
| | | | HACMP/PowerHA | 6.1 | 12 | 12 | 12 |
| | | | | 7.1 | 12 | 12 | 12 |
| | | | | 7.1.1 | 12 | 12 | 12 |
| | | | | 7.1.2 | | | |
| | | | | 7.1.3 | | | |
| | | 2.2.3.xx | No Cluster | | 12 | 12 | 12 |
| | | | HACMP/PowerHA | 6.1 | 12 | 12 | 12 |
| | | | | 7.1 | 12 | 12 | 12 |
| | | | | 7.1.1 | 12 | 12 | 12 |
| | | | | 7.1.2 | | | |
| | | | | 7.1.3 | | | |
| | | 2.2.4.xx | No Cluster | | 12 | 12 | 12 |
| | | | HACMP/PowerHA | 6.1 | 12 | 12 | 12 |
| | | | | 7.1 | 12 | 12 | 12 |
| | | | | 7.1.1 | 12 | 12 | 12 |
| | | | | 7.1.2 | | | |
| | | | | 7.1.3 | | | |
| | 7.2 | 2.2.0.xx | No Cluster | | | 12 | 12 |
| | | | HACMP/PowerHA | 6.1 | | 12 | 12 |
| | | | | 7.1 | | 12 | 12 |
| | | | | 7.1.1 | | 12 | 12 |
| | | | | 7.1.2 | | | |
| | | | | 7.1.3 | | | |
| | | 2.2.1.xx | No Cluster | | | 12 | 12 |
| | | | HACMP/PowerHA | 6.1 | | 12 | 12 |
| | | | | 7.1 | | 12 | 12 |
| | | | | 7.1.1 | | 12 | 12 |
| | | | | 7.1.2 | | | |
| | | | | 7.1.3 | | | |
| | | 2.2.2.xx | No Cluster | | | 12 | 12 |
| | | | HACMP/PowerHA | 6.1 | | 12 | 12 |
| | | | | 7.1 | | 12 | 12 |
| | | | | 7.1.1 | | 12 | 12 |
| | | | | 7.1.2 | | | |
| | | | | 7.1.3 | | | |
| | | 2.2.3.xx | No Cluster | | | 12 | 12 |
| | | | HACMP/PowerHA | 6.1 | | 12 | 12 |
| | | | | 7.1 | | 12 | 12 |
| | | | | 7.1.1 | | 12 | 12 |
| | | | | 7.1.2 | | | |
| | | | | 7.1.3 | | | |
| | | 2.2.4.xx | No Cluster | | | 12 | 12 |
| | | | HACMP/PowerHA | 6.1 | | 12 | 12 |
| | | | | 7.1 | | 12 | 12 |
| | | | | 7.1.1 | | 12 | 12 |
| | | | | 7.1.2 | | | |
| | | | | 7.1.3 | | | |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|---|--|
| In environments that do not use the VIOS NPIV functionality, use of HDLM in a client partition is not supported. Use HDLM only in a server partition. | |
| HDLM supports the IBM PowerVM Live Partition Mobility functionality. | |
| 12 | When using the ioslevel NPIV (N-Port ID Virtualization) functionality, HDLM can be installed to a client partition, and can manage paths by using virtual Fibre Channel from the client partition. In this case, the procedures for using HDLM are the same as for using HDLM in a local boot disk environment where a virtual I/O server is not used. |
| 17 | When using a boot disk environment that uses any model of the Thunder 9500V series, the Hitachi AMS2000/AMS/WMS/SMS series, or the HUS100 series, you must use VIO version 2.1.2.12 or later. |

| Supported AIX GPFS and Cluster Configurations | | | | |
|---|------|--------------|-------|-------|
| AIX | GPFS | HDLN Version | | |
| | | 8.2.0 | 8.2.1 | 8.4.0 |
| 6.1 | 3.3 | | | |
| | 3.4 | 4 | 4 | 4 |
| | 3.5 | | | |
| 7.1 | 3.4 | 4 | 4 | 4 |
| | 3.5 | | | |
| | 4.1 | | | |
| 7.2 | 3.4 | | 4 | 4 |
| | 3.5 | | | |
| | 4.1 | | | |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|--|
| 4 | Set the NSD option [usePersistentReserve] to "no". |

| VMware vSphere ESXi | | | HDLM Version | | |
|--|--|----------------------------------|------------------------------|-------|-------|
| | | | 8.2.0-01 | 8.2.1 | 8.4.0 |
| Product Modifications and Additional Functions | Remote Management Client | Windows | 7,22 | 7,22 | 7,22 |
| | CLI | | 17 | 17 | 17 |
| | Manual Fail Over (CLI) | HBA port WWN designation per CHA | | | |
| | Manual Fail Back (CLI) | HBA port WWN designation per CHA | | | |
| | Automatic Fail Over | | | | |
| | Automatic Fail Back | | 1, 2 | 1, 2 | 1, 2 |
| | Health Check | | 1, 2 | 1, 2 | 1, 2 |
| | Path Blockade | | | | |
| | Target Side Failover | | | | |
| | Load Balance (Round Robin) | | 3 | 3 | 3 |
| | Load Balance (Extended Round Robin) | | | | |
| | Load Balance (Extended Least I/O) | | | | |
| | Load Balance (Extended Least Blocks) | | | | |
| | Automatic Discovery | | | | |
| | Dynamic Reconfiguration (LU addition/deletion) | | | | |
| | Error Log | | | | |
| | Upgrade Install | | | | |
| | Service Pack | | | | |
| | HBA I/F | FC | 5 | 5 | 5 |
| | | iSCSI | 5 | 5 | 5 |
| | | FCoE | 5 | 5 | 5 |
| | Boot Disk | FC | 5 | 5 | 5 |
| | | iSCSI | 5 | 5 | 5 |
| | | FCoE | 5 | 5 | 5 |
| | RAID Manager Command Device | | | | |
| | HBA port WWN Display | | | | |
| | Combination with ESXi-bundled PSP | | 4 | 4 | 4 |
| | Guest OS | | 6 | 6 | 6 |
| | Combination with HGLM | | 12 | 12 | 12 |
| | High Availability Manager | | 18 | 18 | 18 |
| | Dynamic I/O Path Control | | 13 | 13 | 13 |
| | Specifying the number of times the same path can be used for I/O operations when the load balancing is used. | | | | |
| | Specifying the number of times the same path can be used for random I/O operations when extended load balancing is used. | | | | |
| | VMware vSphere High Availability | | | | |
| | VMware vSphere Virtual Volumes | | | | |
| Supported Storage Systems | Storage System | Interface | Microcode version | | |
| | Hitachi Adaptable Modular Storage AMS200 | Fibre Channel | 0786/F or later | | |
| | | iSCSI | 0786/F or later | | |
| | Hitachi Adaptable Modular Storage AMS500 | Fibre Channel | 0786/F or later | | |
| | | iSCSI | 0786/F or later | | |
| | Hitachi Adaptable Modular Storage AMS1000 | Fibre Channel | 0786/F or later | | |
| | | iSCSI | 0786/F or later | | |
| | Hitachi Workgroup Modular Storage WMS100 | Fibre Channel | 0786/F or later | | |
| | | iSCSI | 0786/F or later | | |
| | Hitachi Adaptable Modular Storage AMS2100 | Fibre Channel | 08B3/A or later | | |
| | | iSCSI | 08B3/A or later | | |
| | Hitachi Adaptable Modular Storage AMS2300 | Fibre Channel | 08B3/A or later | | |
| | | iSCSI | 08B3/A or later | | |
| | Hitachi Adaptable Modular Storage AMS2500 | Fibre Channel | 08B3/A or later | | |
| | | iSCSI | 08B3/A or later | | |
| | Hitachi Unified Storage 110 | Fibre Channel | 0915/A or later | | |
| | | iSCSI | 0915/A or later | | |
| | Hitachi Unified Storage 130 | Fibre Channel | 0915/A or later | | |
| | | iSCSI | 0915/A or later | | |
| | Hitachi Unified Storage 150 | Fibre Channel | 0915/A or later | | |
| | | iSCSI | 0915/A or later | | |
| | SMS 100 | Fibre Channel | 08B3/A or later | | |
| | Hitachi Universal Storage Platform V | Fibre Channel | 60-08-xx or later | | |
| | Hitachi Universal Storage Platform VM | Fibre Channel | 60-08-xx or later | | |
| | Hitachi Virtual Storage Platform | Fibre Channel | 70-02-xx or later | | |
| | Hitachi Virtual Storage Platform G1000 | Fibre Channel | 80-01-2X-XX/XX or later | 15 | 15 |
| | | Fibre Channel over Ethernet | 80-02-0X-XX/XX or later | 15 | 15 |
| | | Fibre Channel | 80-02-4X-XX/XX or later | 20 | 20 |
| | Hitachi Virtual Storage Platform G200 | Fibre Channel | 83-01-01-20/XX or later | | |
| | | Fibre Channel | 83-01-2X-20/XX or later(*19) | | |
| | | iSCSI | 83-01-01-20/XX or later | | |
| | Hitachi Virtual Storage Platform G400 | Fibre Channel | 83-01-01-40/XX or later | | |
| | | Fibre Channel | 83-01-2X-40/XX or later(*19) | | |
| | | iSCSI | 83-01-01-40/XX or later | | |
| | Hitachi Virtual Storage Platform G600 | Fibre Channel | 83-01-01-40/XX or later | | |
| | | Fibre Channel | 83-01-2X-40/XX or later(*19) | | |
| | | iSCSI | 83-01-01-40/XX or later | | |
| | Hitachi Virtual Storage Platform G800 | Fibre Channel | 83-01-2X-60/XX or later | | |
| | | iSCSI | 83-01-2X-60/XX or later | | |
| | Hitachi Virtual Storage Platform F400 | Fibre Channel | 83-02-01-40/XX or later | | 23 |
| | | | 83-03-01-40/XX or later | | |
| | | iSCSI | 83-02-01-40/XX or later | 23 | 23 |
| | Hitachi Virtual Storage Platform F600 | | 83-03-01-40/XX or later | | |
| | | Fibre Channel | 83-02-01-40/XX or later | 23 | 23 |
| | | iSCSI | 83-02-01-40/XX or later | 23 | 23 |
| | Hitachi Virtual Storage Platform F800 | | 83-03-01-40/XX or later | | |
| | | Fibre Channel | 83-02-01-60/XX or later | 23 | 23 |
| | | | 83-03-01-60/XX or later | | |
| | | iSCSI | 83-02-01-60/XX or later | 23 | 23 |
| | Hitachi Unified Storage VM | | 83-03-01-60/XX or later | | |
| | | Fibre Channel | 73-01-0X-XX/XX or later | | |
| | HP StorageWorks XP20000 Disk Array | Fibre Channel | 60-08-xx or later | | |

| | | | | | |
|------------------------------------|-----------------------------|-------------------------|----|----|----|
| HP StorageWorks XP24000 Disk Array | Fibre Channel | 60-08-xx or later | | | |
| HP StorageWorks P9500 Disk Array | Fibre Channel | 70-02-xx or later | | | |
| HP XP7 Storage | Fibre Channel | 80-01-2X-XX/XX or later | 16 | 16 | 16 |
| | Fibre Channel over Ethernet | 80-02-0X-XX/XX or later | 16 | 16 | 16 |
| | Fibre Channel | 80-02-4X-XX/XX or later | 21 | 21 | 21 |

| | | | | | | | | | | | | | | | | | |
|---|------------------|---|--|--|---|--|--|---|--|--|--|--|--|--|--|--|--|
| Exclusive Products | HDLM for Windows | 8 | | | 8 | | | 8 | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Supported | | | | | | | | | | | | | | | | | |
| Not Supported | | | | | | | | | | | | | | | | | |
| Notes | | | | | | | | | | | | | | | | | |
| 1 This functionality cannot be disabled because the OS-provided functionality is used. | | | | | | | | | | | | | | | | | |
| 2 The check interval cannot be changed because the OS-provided functionality is used. | | | | | | | | | | | | | | | | | |
| 3 You can use Round Robin by setting "vmwrr" for load balancing from HDLM Remote Management Client. | | | | | | | | | | | | | | | | | |
| 4 You can use the following Path Selection Plugins (PSPs) provided by VMware: - VMW_PSP_MRU - VMW_PSP_RR | | | | | | | | | | | | | | | | | |
| 5 You can use the following HBAs and HBA drivers: - Inbox drivers for ESXi 5.0/5.1/5.5/6.0 or HBA drivers that support ESXi 5.0/5.1/5.5/6.0 as listed in the VMware Compatibility Guide. - HBAs and HBA drivers for Hitachi Compute Blade that support ESXi 5.0/5.1/5.5/6.0 as listed in the VMware Compatibility Guide. | | | | | | | | | | | | | | | | | |
| 6 Contact VMware for details about the supported guest OSs. Note that precautions related to NMP also apply to HDLM environments. | | | | | | | | | | | | | | | | | |
| 7 For VMware, a remote management client, separate from ESXi 5.0/5.1/5.5/6.0 that is connected to storage system, is required for CLI multipath management. The supported OS versions for remote management clients are shown in the table "Supported OS versions for remote management clients" below. | | | | | | | | | | | | | | | | | |
| 8 Do not install HDLM for Windows on a host that is used as a remote management client for HDLM for VMware. | | | | | | | | | | | | | | | | | |
| 12 To link with HGLM, use an OS other than Windows Vista for the remote management client. | | | | | | | | | | | | | | | | | |
| 13 Microprogram version 08B8/D or later is required for using Dynamic I/O Path Control on Hitachi AMS2000 series/Hitachi SMS series. | | | | | | | | | | | | | | | | | |
| 14 Supported with some conditions customer-by-customer basis (SUI 044226). Please contact appropriate person in HDS. | | | | | | | | | | | | | | | | | |
| 15 Global-active devices are supported. | | | | | | | | | | | | | | | | | |
| 16 High Availability is supported. | | | | | | | | | | | | | | | | | |
| 17 A refresh operation that reflects the setting of the non-preferred path option to HDLM is supported when a global-active device (called the High Availability feature in the case of XP7) is used. | | | | | | | | | | | | | | | | | |
| 18 For information about functional restrictions, see the HAM User Guide. | | | | | | | | | | | | | | | | | |
| 19 Apply this version when a global-active device is used. | | | | | | | | | | | | | | | | | |
| 20 When you use a normal VOL as a global-active device pair VOL, use this version. | | | | | | | | | | | | | | | | | |
| 21 When you use a normal VOL as a High Availability pair VOL, use this version. | | | | | | | | | | | | | | | | | |
| 22 If the HDLM version installed on a host is older than the version on a remote management client, the following configuration is supported: If the configuration is an ESXi 5.5 host and a remote management client using the vSphere Command-Line Interface 6.0, the functionality of the HDLM version installed on the ESXi 5.5 host is supported. | | | | | | | | | | | | | | | | | |
| 23 The dlknmgr command and HGLM display "VSP_Gx00" as the model ID of the storage system. | | | | | | | | | | | | | | | | | |

| | | | | | | |
|---|-----------------------|--------------|--|--------------|-------|-------|
| Supported OS versions for remote management clients | Windows | | | | | |
| | Version | Architecture | vSphere Command-Line Interface Version | HDLM Version | | |
| | | | | 8.2.0-01 | 8.2.1 | 8.4.0 |
| | Windows Vista SP1 | IA32 / x86 | 5.0/5.0u1 | | | |
| | | | 5.1/5.1u1 | | | |
| | | x64 / x86_64 | 5.0/5.0u1 | | | |
| | | | 5.1/5.1u1 | | | |
| | Windows Vista SP2 | IA32 / x86 | 5.0/5.0u1 | | | |
| | | | 5.1/5.1u1 | | | |
| | | x64 / x86_64 | 5.0/5.0u1 | | | |
| | | | 5.1/5.1u1 | | | |
| | Windows 7 No SP | IA32 / x86 | 5.0/5.0u1 | | | |
| | | | 5.1/5.1u1 | | | |
| | | | 5.5/5.5u1/5.5u2 | | | |
| | | | 6.0 | | | |
| | | x64 / x86_64 | 5.0/5.0u1 | | | |
| | | | 5.1/5.1u1 | | | |
| | | | 5.5/5.5u1/5.5u2 | | | |
| | | | 6.0 | | | |
| | Windows 7 SP1 | IA32 / x86 | 5.0/5.0u1 | | | |
| | | | 5.1/5.1u1 | | | |
| | | | 5.5/5.5u1/5.5u2 | | | |
| | | | 6.0 | | | |
| | | x64 / x86_64 | 5.0/5.0u1 | | | |
| | | | 5.1/5.1u1 | | | |
| | | | 5.5/5.5u1/5.5u2 | | | |
| | | | 6.0 | | | |
| | Windows 8 No SP | IA32 / x86 | 5.5/5.5u1/5.5u2 | | | |
| | | | 6.0 | | | |
| | | x64 / x86_64 | 5.5/5.5u1/5.5u2 | | | |
| | | | 6.0 | | | |
| | Windows 2008 No SP | x64 / x86_64 | 5.0/5.0u1 | | | |
| | | | 5.1/5.1u1 | | | |
| | | | 5.5/5.5u1/5.5u2 | | | |
| | | | 6.0 | | | |
| | Windows 2008 SP2 | x64 / x86_64 | 5.0/5.0u1 | | | |
| | | | 5.1/5.1u1 | | | |
| | | | 5.5/5.5u1/5.5u2 | | | |
| | | | 6.0 | | | |
| | Windows 2008 R2 SP1 | x64 / x86_64 | 5.0/5.0u1 | | | |
| | | | 5.1/5.1u1 | | | |
| | | | 5.5/5.5u1/5.5u2 | | | |
| | | | 6.0 | | | |
| | Windows 2012 R2 No SP | x64 / x86_64 | 6.0 | | | |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Supported JRE Versions | | | | | |
|----------------------------|------------------|--|---------------|---------|---------|
| Windows | | | | | |
| Version | Architecture | JRE Version | HDLM Version | | |
| | | | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows 2003 | IA32 / x86 | 1.4.2_13 | | | |
| | | 5.0_10 | | | |
| | | 6.0_04 | | | |
| | | 6.0_17 | | | |
| | | 1.6.0 | | | |
| | Itanium / IA64 | 1.4.2_13 | | | |
| | | 6.0_04 | | | |
| | | 6.0_17 | | | |
| Windows 2003 SP1 | IA32 / x86 | 1.4.2_13 | | | |
| | | 5.0_10 | | | |
| | | 6.0_04 | | | |
| | | 6.0_17 | | | |
| | | 1.6.0 | | | |
| | Itanium / IA64 | 1.4.2_13 | | | |
| | | 6.0_04 | | | |
| | | 6.0_17 | | | |
| | x64 / x86_64 | 1.4.2_13 | | | |
| | | 5.0_10 | | | |
| | | 6.0_04 | | | |
| | | 6.0_17 | | | |
| | | 1.6.0 | | | |
| | Windows 2003 SP2 | IA32 / x86 | 1.4.2_13 | | |
| 5.0_10 | | | | | |
| 6.0_04 | | | | | |
| 6.0_17 | | | | | |
| 1.6.0 | | | | | |
| Itanium / IA64 | | 1.4.2_13 | | | |
| | | 6.0_04 | | | |
| | | 6.0_17 | | | |
| x64 / x86_64 | | 1.4.2_13 | | | |
| | | 5.0_10 | | | |
| | | 6.0_04 | | | |
| | | 6.0_17 | | | |
| | | 1.6.0 | | | |
| Windows 2003 R2 and R2 SP2 | | IA32 / x86 | 1.4.2_13 | | |
| | 5.0_10 | | | | |
| | 6.0_04 | | | | |
| | 6.0_17 | | | | |
| | 1.6.0 | | | | |
| | x64 / x86_64 | 1.4.2_13 | | | |
| | | 5.0_10 | | | |
| | | 6.0_04 | | | |
| | | 6.0_17 | | | |
| | | 1.6.0 | | | |
| Windows 2008 | IA32 / x86 | 6.0_17 | 2, 8 | 2, 8 | 2, 8 |
| | | 1.6.0 | | | |
| | | 1.7.0 | 3 | | |
| | | 1.8.0 | | 3 | 3 |
| | | 6.0_17 | 2, 8 | 2, 8 | 2, 8 |
| | Itanium / IA64 | 1.6.0 | | | |
| | | 1.7.0 | 3 | | |
| | | 1.8.0 | | 3 | 3 |
| | x64 / x86_64 | 6.0_17 | 2, 8 | 2, 8 | 2, 8 |
| | | 1.6.0 | | | |
| 1.7.0 | | 3 | | | |
| 1.8.0 | | | 3 | 3 | |
| Windows 2008 SP2 | IA32 / x86 | 6.0_17 | 2, 8 | 2, 8 | 2, 8 |
| | | 1.6.0 | | | |
| | | 7.0_01 | 2 | 2, 8 | 2, 8 |
| | | 1.7.0 | 3 | | |
| | | 1.8.0 | | 3 | 3 |
| | Itanium / IA64 | 6.0_17 | 2, 8 | 2, 8 | 2, 8 |
| | | 1.6.0 | | | |
| | | 1.7.0 | 3 | | |
| | | 1.8.0 | | 3 | 3 |
| | x64 / x86_64 | 6.0_17 | 2, 8 | 2, 8 | 2, 8 |
| | | 1.6.0 | | | |
| | | 7.0_01 | 2 | 2, 8 | 2, 8 |
| | | 1.7.0 | 3 | | |
| | | 1.8.0 | | 3 | 3 |
| Windows 2008 R2 | Itanium / IA64 | 1.6.0 | | | |
| | | 1.7.0 | 3 | | |
| | | 1.8.0 | | 3 | 3 |
| | x64 / x86_64 | 1.7.0 | 3 | | |
| | | 1.8.0 | | 3 | 3 |
| Windows 2008 R2 SP1 | Itanium / IA64 | 1.6.0 | | | |
| | | 1.6.0 | | | |
| | | 7.0_01 | 2 | 2, 8 | 2, 8 |
| | | 1.7.0 | 3 | | |
| Windows 2012 | x64 / x86_64 | 1.8.0 | 2, 4 | 2, 3, 4 | 2, 3, 4 |
| | | 1.6.0 | | | |
| | | 1.7.0 | 3 | | |
| Windows 2012 R2 | x64 / x86_64 | 1.8.0 | 2, 4 | 2, 3, 4 | 2, 3, 4 |
| | | 1.6.0 | | | |
| | | 1.7.0 | 3 | | |
| | | | 2,4 | 2, 3, 4 | 2, 3, 4 |
| | | | Supported | | |
| | | | Not Supported | | |
| Notes | | | | | |
| 2 | | Only the 32-bit version is supported. | | | |
| 3 | | The JRE is included in the HDLM package and is installed simultaneously with HDLM. | | | |
| 4 | | To change the JRE, execute the command javapath_set. For information about the command javapath_set, see the Hitachi Command Suite Administrator Guide. | | | |
| 8 | | This version is supported only when an HDLM upgrade installation is performed. | | | |

| Solaris | | | | | |
|---------|--------------|-------------------|--------------|-------|-------|
| Version | Architecture | JRE Version | HDLM Version | | |
| | | | 8.2.0 | 8.2.1 | 8.4.0 |
| 8, 9 | SPARC | 1.4.2_15 or later | | | |
| | | 5.0_11 or later | | | |
| | | 6.0_17 or later | | | |
| 10 | SPARC | 1.4.2_15 or later | | | |
| | | 5.0_11 or later | 1,2,8 | 1,2,8 | 1,2,8 |
| | | 6.0_17 or later | 1,2,8 | 1,2,8 | 1,2,8 |
| | | 7.0 or later | 1,2 | 1,2 | 1,2 |
| | | 8.0 or later | 1,5 | 1,5 | 1,5 |
| 11 | SPARC | 6.0_17 or later | 1,2,8 | 1,2,8 | 1,2,8 |
| | | 7.0 or later | 1,2 | 1,2 | 1,2 |
| | | 8.0 or later | 1,5 | 1,5 | 1,5 |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|--|
| 1 | Required for the HDLM Advanced functionality |
| 2 | Only the 32-bit version is supported. |
| 5 | The 64bit version is supported. |
| 8 | This version is supported only when an HDLM upgrade installation is performed. |

| AIX | | | | | |
|---------|--------------|--|--------------|-------|-------|
| Version | Architecture | JRE Version | HDLM Version | | |
| | | | 8.2.0 | 8.2.1 | 8.4.0 |
| 6.1 | POWER | 5.0_05(build pap32dev-20070511) or later | 1,2,8 | 1,2,8 | 1,2,8 |
| | | 6.0_8FP1(build pap3260sr8fp1-20100624_01) or later | 1,2,8 | 1,2,8 | 1,2,8 |
| | | 7 32-bit (build pap3270-20110827_01) or later | 1,2 | 1,2 | 1,2 |
| | | 8 32-bit (build ppc-32 20150116_231420) or later | 1,2 | 1,2 | 1,2 |
| 7.1 | POWER | 5.0_05(build pap32dev-20070511) or later | 1,2,8 | 1,2,8 | 1,2,8 |
| | | 6.0_8FP1(build pap3260sr8fp1-20100624_01) or later | 1,2,8 | 1,2,8 | 1,2,8 |
| | | 7 32-bit (build pap3270-20110827_01) or later | 1,2 | 1,2 | 1,2 |
| | | 8 32-bit (build ppc-32 20150116_231420) or later | 1,2 | 1,2 | 1,2 |
| 7.2 | POWER | 5.0_05(build pap32dev-20070511) or later | | 1,2,8 | 1,2,8 |
| | | 6.0_8FP1(build pap3260sr8fp1-20100624_01) or later | | 1,2,8 | 1,2,8 |
| | | 7 32-bit (build pap3270-20110827_01) or later | | 1,2 | 1,2 |
| | | 8 32-bit (build ppc-32 20150116_231420) or later | | 1,2 | 1,2 |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|--|
| 1 | Required for the HDLM Advanced functionality |
| 2 | Only the 32-bit version is supported. |
| 8 | This version is supported only when an HDLM upgrade installation is performed. |

| HP-UX | | | | | |
|---|---------------------------|-------------------|--------------|-------|-------|
| OS | Architecture | JRE Version | HDLM Version | | |
| | | | 6.1 | 6.2.0 | 6.3.1 |
| 11iV1 | PA-RISC | 1.4.2_17 or later | 1 | 1 | 1 |
| | | 5.0_11 or later | 1 | 1 | 1 |
| | | 6.0_17 or later | | 1 | 1 |
| 11iV2 Sept. 2004 May 2005 Dec. 2005 Mar. 2006 June 2006 Sept. 2006 June 2007 Dec. 2007 June 2008 | PA-RISC and Itanium | 1.4.2_17 or later | 1 | 1 | 1 |
| | | 5.0_11 or later | 1 | 1 | 1 |
| | | 6.0_17 or later | | 1 | 1 |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|--|
| 1 | Required for the HDLM Advanced functionality |

| Red Hat Linux | | | | | |
|---------------|----------------|-------------|--------------|---------|---------|
| Version | Architecture | JRE Version | HDLM Version | | |
| | | | 8.2.0 | 8.2.1 | 8.4.0 |
| 5.5 or later | Intel x86 | 5.0 | 6 | 6 | 6 |
| | | 1.8.0 | 2, 4 | 2, 4 | 2, 4 |
| | IA64 / Itanium | 5.0 | 6 | 6 | 6 |
| | | 1.8.0 | | | |
| | EM64T | 5.0 | 6 | 6 | 6 |
| | AMD64 | 1.8.0 | 2, 4 | 2, 4 | 2, 4 |
| 6.0 or later | Intel x86 | 5.0 | 6 | 6 | 6 |
| | | 1.8.0 | 2, 4 | 2, 4 | 2, 4 |
| | EM64T | 5.0 | 6 | 6 | 6 |
| | AMD64 | 1.8.0 | 4, 5 | 4, 5 | 4, 5 |
| 7.0 or later | EM64T | 1.7.0 | 6 | | |
| | AMD64 | 1.8.0 | 4, 5 | 4, 5, 6 | 4, 5, 6 |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|--|
| 2 | Only the 32-bit version is supported. |
| 4 | To change the JRE, execute the command javapath_set. For information about the command javapath_set, see the Hitachi Command Suite Administrator Guide. |
| 5 | The 64bit version is supported. |
| 6 | By default, the JRE included in the HDLM package is used for the functions of HDLM Advanced. |

| Oracle Unbreakable Enterprise Kernel | | | | | |
|--------------------------------------|--------------|-------------|--------------|---------|---------|
| Version | Architecture | JRE Version | HDLM Version | | |
| | | | 8.2.0 | 8.2.1 | 8.4.0 |
| 6.2 to 6.5 | Intel x86 | 5.0 | 6 | 6 | 6 |
| | | 1.8.0 | 2, 4 | 2, 4 | 2, 4 |
| | EM64T | 5.0 | 6 | 6 | 6 |
| | AMD64 | 1.8.0 | 4, 5 | 4, 5 | 4, 5 |
| 6.6 | EM64T | 5.0 | 6 | 6 | 6 |
| | AMD64 | 1.8.0 | 4, 5 | 4, 5 | 4, 5 |
| 7.0 or later | EM64T | 1.7.0 | 6 | | |
| | AMD64 | 1.8.0 | 4, 5 | 4, 5, 6 | 4, 5, 6 |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|--|
| 2 | Only the 32-bit version is supported. |
| 4 | To change the JRE, execute the command javapath_set. For information about the command javapath_set, see the Hitachi Command Suite Administrator Guide. |
| 5 | The 64bit version is supported. |
| 6 | By default, the JRE included in the HDLM package is used for the functions of HDLM Advanced. |

| Oracle Linux | | | | | |
|--------------|--------------|-------------|--------------|---------|---------|
| Version | Architecture | JRE Version | HDLM Version | | |
| | | | 8.2.0 | 8.2.1 | 8.4.0 |
| 6.5 | Intel x86 | 5.0 | 6 | 6 | 6 |
| | | 1.8.0 | 2, 4 | 2, 4 | 2, 4 |
| | EM64T | 5.0 | 6 | 6 | 6 |
| | AMD64 | 1.8.0 | 4, 5 | 4, 5 | 4, 5 |
| 7.0 | EM64T | 1.7.0 | 6 | | |
| | AMD64 | 1.8.0 | 4, 5 | 4, 5, 6 | 4, 5, 6 |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|--|
| 2 | Only the 32-bit version is supported. |
| 4 | To change the JRE, execute the command javapath_set. For information about the command javapath_set, see the Hitachi Command Suite Administrator Guide. |
| 5 | The 64bit version is supported. |

| | |
|---|--|
| 6 | By default, the JRE included in the HDLM package is used for the functions of HDLM Advanced. |
|---|--|

| SUSE Linux | | | | | |
|-------------------|----------------|-------------|--------------|---------|---------|
| Version | Architecture | JRE Version | HDLM Version | | |
| | | | 8.2.0 | 8.2.1 | 8.4.0 |
| 10 (SP2 or later) | Intel x86 | 5.0 | 6 | 6 | 6 |
| | | 1.8.0 | 2, 4 | 2, 4 | 2, 4 |
| | IA64 / Itanium | 5.0 | 6 | 6 | 6 |
| | | 1.8.0 | | | |
| | EM64T | 5.0 | 6 | 6 | 6 |
| | AMD64 | 1.8.0 | 2, 4 | 2, 4 | 2, 4 |
| 11 | Intel x86 | 5.0 | 6 | 6 | 6 |
| | | 1.8.0 | 2, 4 | 2, 4 | 2, 4 |
| | IA64 / Itanium | 5.0 | 6 | 6 | 6 |
| | | 1.8.0 | | | |
| | EM64T | 5.0 | 6 | 6 | 6 |
| | AMD64 | 1.8.0 | 2, 4 | 2, 4 | 2, 4 |
| 12 | EM64T | 1.7.0 | 6 | | |
| | AMD64 | 1.8.0 | 4, 5 | 4, 5, 6 | 4, 5, 6 |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|--|
| 2 | Only the 32-bit version is supported. |
| 4 | To change the JRE, execute the command javapath_set. For information about the command javapath_set, see the Hitachi Command Suite Administrator Guide. |
| 5 | The 64bit version is supported. |
| 6 | By default, the JRE included in the HDLM package is used for the functions of HDLM Advanced. |

| VMware (*7) | | | | | |
|-----------------------|--------------|-------------|--------------|-------|-------|
| Version | Architecture | JRE Version | HDLM Version | | |
| | | | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows Vista SP1 | IA32 / x86 | 1.6.0 | | | |
| | | 1.7.0 | 6 | | |
| | | 1.8.0 | | 6 | 6 |
| | x64 / x86_64 | 1.6.0 | | | |
| | | 1.7.0 | 6 | | |
| | | 1.8.0 | | 6 | 6 |
| Windows Vista SP2 | IA32 / x86 | 1.6.0 | | | |
| | | 1.7.0 | 6 | | |
| | | 1.8.0 | 2,4 | 2,4,6 | 2,4,6 |
| | x64 / x86_64 | 1.6.0 | | | |
| | | 1.7.0 | 6 | | |
| | | 1.8.0 | 2,4 | 2,4,6 | 2,4,6 |
| Windows 7 No SP | IA32 / x86 | 1.6.0 | | | |
| | | 1.7.0 | 6 | | |
| | | 1.8.0 | | 6 | 6 |
| | x64 / x86_64 | 1.6.0 | | | |
| | | 1.7.0 | 6 | | |
| | | 1.8.0 | | 6 | 6 |
| Windows 7 SP1 | IA32 / x86 | 1.6.0 | | | |
| | | 1.7.0 | 6 | | |
| | | 1.8.0 | 2,4 | 2,4,6 | 2,4,6 |
| | x64 / x86_64 | 1.6.0 | | | |
| | | 1.7.0 | 6 | | |
| | | 1.8.0 | 2,4 | 2,4,6 | 2,4,6 |
| Windows 8 No SP | IA32 / x86 | 1.6.0 | | | |
| | | 1.7.0 | 6 | | |
| | | 1.8.0 | 2,4 | 2,4,6 | 2,4,6 |
| | x64 / x86_64 | 1.6.0 | | | |
| | | 1.7.0 | 6 | | |
| | | 1.8.0 | 2,4 | 2,4,6 | 2,4,6 |
| Windows 2008 No SP | x64 / x86_64 | 1.6.0 | | | |
| | | 1.7.0 | 6 | 6 | 6 |
| | | 1.8.0 | | | |
| Windows 2008 SP2 | x64 / x86_64 | 1.6.0 | | | |
| | | 1.7.0 | 6 | | |
| | | 1.8.0 | | 6 | 6 |
| Windows 2008 R2 SP1 | x64 / x86_64 | 1.6.0 | | | |
| | | 1.7.0 | 6 | | |
| | | 1.8.0 | 2,4 | 2,4,6 | 2,4,6 |
| Windows 2012 R2 No SP | x64 / x86_64 | 1.6.0 | | | |
| | | 1.7.0 | 6 | | |
| | | 1.8.0 | 2,4 | 2,4,6 | 2,4,6 |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|--|
| 2 | Only the 32-bit version is supported. |
| 4 | To change the JRE, execute the command javapath_set. For information about the command javapath_set, see the Hitachi Command Suite Administrator Guide. |
| 6 | By default, the JRE included in the HDLM package is used for the functions of HDLM Advanced. |
| 7 | JRE is used on a remote management client. |

| Supported Cluster Configurations and Volume Managers | | | | | | | | | | | |
|--|-----------------------------|-----------------------------|---------------|-----------------|---------------|------------|-------|-------|--|--|--|
| Operating System | | Cluster | | Volume Manager | | HDL | | | | | |
| | | | | | | 8.2.0 | 8.2.1 | 8.4.0 | | | |
| Windows Server 2003 | IA32 / x86 | No Cluster | | No VM | | | | | | | |
| | | | | | Symantec VxVM | 4.0 | | | | | |
| | | | | | | 4.1 | | | | | |
| | | | | | | 4.2 | | | | | |
| | | | | | | 4.3 | | | | | |
| | | | | | | | | | | | |
| | | MSCS | No VM | 4.0 | | | | | | | |
| | | | | 4.1 | | | | | | | |
| | | | | 4.2 | | | | | | | |
| | | | | 4.3 | | | | | | | |
| | | | | 4.1 | | | | | | | |
| | | | | 4.2 | | | | | | | |
| | Symantec VCS | 4.1 | | | | | | | | | |
| | | 4.2 | | | | | | | | | |
| | | 4.3 | | | | | | | | | |
| | | | | | | | | | | | |
| Itanium / IA64 | No Cluster | | No VM | | | | | | | | |
| | MSCS | | No VM | | | | | | | | |
| | No Cluster | | No VM | | | | | | | | |
| | MSCS | | Symantec VxVM | 4.3 | | | | | | | |
| X64 / x86_64 | MSCS | | No VM | | | | | | | | |
| | | | Symantec VxVM | 4.3 | | | | | | | |
| | | | Symantec VxVM | 4.3 | | | | | | | |
| | Symantec VCS | 4.3 | | | | | | | | | |
| | | Symantec VxVM | 4.3 | | | | | | | | |
| | | Symantec VxVM | 4.3 | | | | | | | | |
| Windows 2003 Service Pack 1 | IA32 / x86 | No Cluster | | No VM | | | | | | | |
| | | MSCS | | No VM | | | | | | | |
| | | Symantec VCS | 4.3 | | | | | | | | |
| | | | 5.0 | | | | | | | | |
| | | | Symantec VxVM | 5.0 | | | | | | | |
| | | Lifekeeper | 6.1.2 | | No VM | | | | | | |
| | | | 7.0 | | No VM | | | | | | |
| | | | No Cluster | | No VM | | | | | | |
| | | MSCS | | No VM | | | | | | | |
| | | | Symantec VCS | 5.0 | Symantec VxVM | 5.0 | | | | | |
| | | Itanium / IA64 | No Cluster | | No VM | | | | | | |
| | | | MSCS | | Symantec VxVM | 4.3 | | | | | |
| | Symantec VCS | | 5.0 | Symantec VxVM | 5.0 | | | | | | |
| | Symantec VCS | | 5.0 | Symantec VxVM | 5.0 | | | | | | |
| | Windows 2003 Service Pack 2 | IA32 / x86 | No Cluster | | Symantec VxVM | 4.3 | | | | | |
| | | | MSCS | | No VM | | | | | | |
| Symantec VCS | | | 4.3 | | | | | | | | |
| | | | 5.0 | | | | | | | | |
| | | | Symantec VxVM | 5.0 | | | | | | | |
| Lifekeeper | | | 6.1.2 | | No VM | | | | | | |
| | | | 7.0 | | No VM | | | | | | |
| | | | No Cluster | | Symantec VxVM | 4.3 | | | | | |
| MSCS | | | | No VM | | | | | | | |
| | | | Symantec VCS | 4.3 | Symantec VxVM | 4.3 | | | | | |
| | | | 5.0 | Symantec VxVM | 5.0 | | | | | | |
| | | | Lifekeeper | 6.1.2 | No VM | | | | | | |
| | | 7.0 | No VM | | | | | | | | |
| | | X64 / x86_64 | No Cluster | | Symantec VxVM | 4.3 | | | | | |
| MSCS | | | | No VM | | | | | | | |
| Symantec VCS | | | 4.3 | Symantec VxVM | 4.3 | | | | | | |
| | 5.0 | | Symantec VxVM | 5.0 | | | | | | | |
| Windows 2003 R2 | IA32 / x86 | No Cluster | | Symantec VxVM | 4.3 | | | | | | |
| | | MSCS | | No VM | | | | | | | |
| | | Symantec VCS | 4.3 | | | | | | | | |
| | | | 5.0 | | | | | | | | |
| | | | Symantec VxVM | 5.0 | | | | | | | |
| | | Lifekeeper | 6.1.2 | | No VM | | | | | | |
| | | | 7.0 | | No VM | | | | | | |
| | | | No Cluster | | Symantec VxVM | 4.3 | | | | | |
| | | MSCS | | No VM | | | | | | | |
| | | | Symantec VCS | 4.3 | Symantec VxVM | 4.3 | | | | | |
| | | | 5.0 | Symantec VxVM | 5.0 | | | | | | |
| | | | Lifekeeper | 6.1.2 | No VM | | | | | | |
| | | 7.0 | No VM | | | | | | | | |
| | | X64 / x86_64 | No Cluster | | Symantec VxVM | 4.3 | | | | | |
| | MSCS | | | No VM | | | | | | | |
| | Symantec VCS | | 4.3 | Symantec VxVM | 4.3 | | | | | | |
| 5.0 | | | Symantec VxVM | 5.0 | | | | | | | |
| Windows 2003 R2 Service Pack 2 | IA32 / x86 | No Cluster | | Symantec VxVM | 4.3 | | | | | | |
| | | MSCS | | No VM | | | | | | | |
| | | Symantec VCS | 4.3 | | | | | | | | |
| | | | 5.0 | | | | | | | | |
| | | | Symantec VxVM | 5.0 | | | | | | | |
| | | Lifekeeper | 6.1.2 | | No VM | | | | | | |
| | | | 7.0 | | No VM | | | | | | |
| | | | No Cluster | | Symantec VxVM | 4.3 | | | | | |
| | | MSCS | | No VM | | | | | | | |
| | | | Symantec VCS | 4.3 | Symantec VxVM | 4.3 | | | | | |
| | | | 5.0 | Symantec VxVM | 5.0 | | | | | | |
| | | | Lifekeeper | 6.1.2 | No VM | | | | | | |
| | | 7.0 | No VM | | | | | | | | |
| | | X64 / x86_64 | No Cluster | | Symantec VxVM | 4.3 | | | | | |
| | MSCS | | | No VM | | | | | | | |
| | Symantec VCS | | 4.3 | Symantec VxVM | 4.3 | | | | | | |
| 5.0 | | | Symantec VxVM | 5.0 | | | | | | | |
| Windows 2008 | IA32 / x86 | No Cluster | | No VM | | | | | | | |
| | | MSCS | | No VM | | | | | | | |
| | | Itanium / IA64 | No Cluster | | No VM | | | | | | |
| | | | MSCS | | No VM | | | | | | |
| | | | X64 / x86_64 | No Cluster | | No VM | | | | | |
| | | | | MSCS | | No VM | | | | | |
| | IA32 / x86 | No Cluster | | | No VM | | | | | | |
| | | MSCS | | | No VM | | | | | | |
| | | Itanium / IA64 | No Cluster | | No VM | | | | | | |
| | | | MSCS | | No VM | | | | | | |
| | X64 / x86_64 | | No Cluster | | No VM | | | | | | |
| | | | MSCS | | No VM | | | | | | |
| | | Symantec VCS | 5.1. | Symantec VxVM | 5.1 | | | | | | |
| | | Windows 2008 Service Pack 2 | IA32 / x86 | No Cluster | | No VM | | | | | |
| | MSCS | | | | No VM | | | | | | |
| | Itanium / IA64 | | | No Cluster | | No VM | | | | | |
| MSCS | | | | | No VM | | | | | | |
| X64 / x86_64 | | | | No Cluster | | No VM | | | | | |
| | | | | MSCS | | No VM | | | | | |
| | No Cluster | | | No VM | | | | | | | |
| | | | MSCS | | No VM | | | | | | |
| Lifekeeper | | | | No VM | | | | | | | |
| | | | 8.0.1 | No VM | | | | | | | |
| | Windows 2012 | | X64 / x86_64 | No Cluster | | No VM | | | | | |
| | | | | MSCS | | No VM | | | | | |
| Lifekeeper | | | | | No VM | | | | | | |
| | | | | 8.0.1 | No VM | | | | | | |
| | | | | Windows 2012 R2 | X64 / x86_64 | No Cluster | | No VM | | | |
| | | | | | | MSCS | | No VM | | | |
| Lifekeeper | | | No VM | | | | | | | | |
| | | 8.2.1 | No VM | | | | | | | | |
| | | | | | | No VM | | | | | |
| | | | 8.3.0 | | | No VM | | | | | |
| Supported | | | | | | | | | | | |
| Not Supported | | | | | | | | | | | |
| Notes | | | | | | | | | | | |
| 65 Maintenance Pack 1 (MP1) is required. | | | | | | | | | | | |

| OS | | Cluster | | Volume Manager | | HDLM | | | |
|--|--|---------------|---------------|----------------|-----------------|-----------------|-----------------|-------------|---------|
| | | | | | | 8.2.0 | 8.2.1 | 8.4.0 | |
| Solaris SPARC | 8 (3264 bit) | No Cluster | | No VM | | | | | |
| | | | | SDS | 4.2.1 | | | | |
| | | | | Symantec Vx/V | 4.1 | | | | |
| | | SunCluster | 3.1 (9/04) | No VM | | | | | |
| | | | | SDS | 4.2.1 | | | | |
| | | | | No VM | | | | | |
| | | | 3.1 (8/05) | SDS | No VM | 4.2.1 | | | |
| | | | | SDS | Symantec Vx/V | 4.1 | | | |
| | | | | Symantec VCS | 5.0 | No VM | | | |
| | | | | Symantec Vx/V | 5.0 | | | | |
| | 9 (3264 bit) | No Cluster | | No VM | | | | | |
| | | | | SVM | | | | | |
| | | | | Symantec Vx/V | 4.1 | | | | |
| | | SunCluster | 3.1 (9/04) | No VM | | | | | |
| | | | | SVM | | | | | |
| | | | | No VM | | | | | |
| | | | 3.1 (8/05) | Symantec Vx/V | SVM | | | | |
| | | | | Symantec Vx/V | 4.1 | | | | |
| | | | | Symantec VCS | 4.1 | No VM | | | |
| | | | | Symantec Vx/V | 5.0 | | | | |
| | 10 (64 bit) | No Cluster | | No VM | | | 5,11,13 | 5,11,13 | 5,11,13 |
| | | | | SVM | | | | | |
| | | | | Symantec Vx/V | 4.1 | | | | |
| | | SunCluster | 3.1 (8/05) | No VM | | | 18 | 18 | 18 |
| | | | | Symantec Vx/V | 4.1 | | | | |
| | | | | SVM | | | | | |
| | | | 3.2 (2/08) | Vx/V | 5.0 | | | | |
| | | | | No VM | | | | | |
| | | | | SVM | | | | | |
| | | | 3.2(1/09) | Vx/V | 5.0 | | | | |
| | No VM | | | | | | | | |
| | SVM | | | | | | | | |
| | 3.2(11/09) | | Vx/V | 5.0 | | | | | |
| | | | No VM | | | | | | |
| | | | SVM | | | | | | |
| | SolarisCluster | | 3.3 | No VM | | | 10 | 10 | 10 |
| | | | | SVM | | 6,10,13,18 | 6,10,13,18 | 6,10,13,18 | |
| | | | | Vx/V | 5.1 | 10,18 | 10,18 | 10,18 | |
| | | | 3.3(5/11) | No VM | | 10 | 10 | 10 | |
| | | | | SVM | | 6,10,13,18 | 6,10,13,18 | 6,10,13,18 | |
| | | Vx/V | | 5.1 | 10,18 | 10,18 | 10,18 | | |
| | | 3.3(3/13) | No VM | | 10 | 10 | 10 | | |
| | | | SVM | | 6,10,13,18 | 6,10,13,18 | 6,10,13,18 | | |
| | | | Vx/V | 5.1 | 10,18 | 10,18 | 10,18 | | |
| | Symantec VCS | 4.1 | No VM | | | | | | |
| | | | SVM | | | | | | |
| | | | Symantec Vx/V | 5.0 | | 1,2,7,14,21 | 1,2,7,14,21 | 1,2,7,14,21 | |
| | | 5.1 | Symantec Vx/V | 5.1 | 1,2,14,15,18,19 | 1,2,14,15,18,19 | 1,2,14,15,18,19 | | |
| | | | No VM | | 1,2,7,23 | 1,2,7,23 | 1,2,7,23 | | |
| | | | Symantec Vx/V | 6.0 | 1,2,7,18,23 | 1,2,7,18,23 | 1,2,7,18,23 | | |
| No VM | | | | 1,2,7,23 | 1,2,7,23 | 1,2,7,23 | | | |
| Symantec VCS | 6.0.3 | Symantec Vx/V | 6.0.3 | 1,2,7,18,23 | 1,2,7,18,23 | 1,2,7,18,23 | | | |
| | | No VM | | 13,18,22 | 13,18,22 | 13,18,22 | | | |
| | | SVM | | 13,18,22 | 13,18,22 | 13,18,22 | | | |
| | 6.0 | No VM | | 1,2,21 | 1,2,21 | 1,2,21 | | | |
| | | Symantec Vx/V | 6.0 | 1,2,18,21 | 1,2,18,21 | 1,2,18,21 | | | |
| | | No VM | | 13,18,22 | 13,18,22 | 13,18,22 | | | |
| | 6.0.3 | No VM | | 1,2,7,18 | 1,2,7,18 | 1,2,7,18 | | | |
| | | Symantec Vx/V | 6.0.3 | 1,2,7,18,21 | 1,2,7,18,21 | 1,2,7,18,21 | | | |
| | | No VM | | 13,18,22,24 | 13,18,22,24 | 13,18,22,24 | | | |
| | Symantec VCS | 4.2 | No VM | | 13,18,22,24 | 13,18,22,24 | 13,18,22,24 | | |
| SVM | | | | | | | | | |
| No VM | | | | | | | | | |
| - | | Symantec Vx/V | - | | | | | | |
| | | No VM | | | | | | | |
| | | Symantec Vx/V | - | | | | | | |
| 4.3 | | No VM | | | | 13,18,22,24 | | | |
| | | SVM | | | | 13,18,22,24 | | | |
| | | No VM | | | | 13,18,22,24 | | | |
| Symantec VCS | | - | No VM | | | | | | |
| | Symantec Vx/V | | - | | | | | | |
| | No VM | | | | | | | | |
| | Notes | | | | | | | | |
| | 1 The functionality for linking with SFVS (Storage Foundation Volume Server) in VCS5.0 is not supported. | | | | | | | | |
| | 2 The Disk Reservation Agent functionality of VCS is not supported. | | | | | | | | |
| | 3 I/O fencing is not supported on VCS. | | | | | | | | |
| | The following SVM features are not supported: | | | | | | | | |
| | - Disks with greater than 1 TB capacity | | | | | | | | |
| | - Multi-owner disk sets | | | | | | | | |
| - Importing of disk sets | | | | | | | | | |
| 4 Automatic (top-down) volume creation | | | | | | | | | |
| In a configuration that uses a driver other than the Oracle HBA driver (other than the qlc or embs driver), the SVM shared diskset cannot use disks managed by HDLM. | | | | | | | | | |
| When the SVM shared diskset uses disks managed by HDLM in a configuration that uses a driver other than the Oracle HBA driver (other than the qlc or embs driver), use Oracle Solaris Cluster device IDs (logical device files under /dev/did/dsk). The SVM shared diskset cannot use HDLM logical device names. | | | | | | | | | |
| 6 VCS I/O fencing is supported when using the storage system devices below. The failover service group is the only supported service group. Neither the parallel service group nor the hybrid service group is supported. | | | | | | | | | |
| - USP/NSC/USP V/USP VM/VSP | | | | | | | | | |
| - VP9500 | | | | | | | | | |
| - HP XP10000/XP12000/XP20000/XP24000/SVS/P9500 | | | | | | | | | |
| When using I/O fencing, enable "host mode option 02 (VERITAS Database Edition/Advanced Cluster)" on the storage system. | | | | | | | | | |
| When not using I/O fencing, do not enable "host mode option 02 (VERITAS Database Edition/Advanced Cluster)" on the storage system. | | | | | | | | | |
| Also, set hosts that do and do not use I/O fencing to different host groups. | | | | | | | | | |
| 7 | | | | | | | | | |
| 9 When using I/O fencing, you must apply MP2 or later. | | | | | | | | | |
| Only two-node configurations are supported. Only pathcount is supported in the SCSI protocol (fencing protocol) settings for storage system devices. | | | | | | | | | |
| For details on how to configure the SCSI protocol (fencing protocol) settings for storage devices, see the Oracle Solaris Cluster documentation. | | | | | | | | | |
| 10 ZFS is not supported. | | | | | | | | | |
| 12 EFI labels are not supported. | | | | | | | | | |
| The following SVM features are not supported: | | | | | | | | | |
| - Multi-owner disk sets | | | | | | | | | |
| - Importing of disk sets | | | | | | | | | |
| - Automatic (top-down) volume creation | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 There are no limits on the MP version except when using I/O fencing. | | | | | | | | | |
| 15 When using I/O fencing, you must apply MP1 or later. | | | | | | | | | |
| In two-node configurations, only pathcount is supported in the SCSI protocol (fencing protocol) settings for storage system devices. | | | | | | | | | |
| For details on how to configure the SCSI protocol (fencing protocol) settings for storage system devices, see the Oracle Solaris Cluster documentation. | | | | | | | | | |
| 16 | | | | | | | | | |
| 17 EFI labels and ZFS are supported in two-node configurations only. | | | | | | | | | |
| 18 EFI labels and ZFS are not supported. | | | | | | | | | |
| Support VCS I/O fencing when using the following storage systems. Parallel service group is the only supported service group. Neither failover service group nor hybrid service group is supported. | | | | | | | | | |
| - USP/NSC/USP V/USP VM | | | | | | | | | |
| - HP XP10000/XP12000/XP20000/XP24000/SVS | | | | | | | | | |
| When using the I/O fencing function, enable "host mode option 02(VERITAS Database Edition/Advanced Cluster)" on the storage system. | | | | | | | | | |
| When not using the I/O fencing function, do not enable "host mode option 02(VERITAS Database Edition/Advanced Cluster)" on the storage system. | | | | | | | | | |
| Also, set the host using the I/O fencing function and the host not using the I/O fencing to different host groups. | | | | | | | | | |
| 19 | | | | | | | | | |
| The following storage system devices are supported: | | | | | | | | | |
| - Hitachi Adaptable Modular Storage AMS series, (Microcode version 0880/A and later) | | | | | | | | | |
| - Hitachi Universal Storage Platform V /VM (Microcode version 60-06-05-00/00 and later) | | | | | | | | | |
| 20 VCS I/O fencing is supported when using the storage system device below. The failover service group is the only supported service group. Neither the parallel service group nor the hybrid service group is supported. | | | | | | | | | |
| - AMS2000 | | | | | | | | | |
| When using I/O fencing, enable [Special Reserve Mode 1] on the storage system. | | | | | | | | | |
| When not using I/O fencing, do not enable [Special Reserve Mode 1] on the storage system. | | | | | | | | | |
| Also, set hosts that do and do not use I/O fencing to different host groups. | | | | | | | | | |
| 21 | | | | | | | | | |
| 22 Only "prefer3(SCSI-3)" is supported for the SCSI protocol (fencing protocol) setting of storage system devices. | | | | | | | | | |
| 23 Up to 4096 LUs and up to 8192 paths are supported as HDLM management targets. | | | | | | | | | |
| 24 Linking with Global Link Manager is not supported. | | | | | | | | | |

| OS | | Cluster | | Volume Manager | HDLM | | | | | |
|-----|---------------|---------------|--------------|----------------|---------------|-------|---------------|--|--|--|
| | | No Cluster | | LVM or No LVM | 8.2.0 | 8.2.1 | 8.4.0 | | | |
| AIX | 6.1 (64 bit) | HACMP/PowerHA | 6.1 | | | | | | | |
| | | | 7.1 | | | | | | | |
| | | | 7.1.1 | | | | | | | |
| | | | 7.1.2 | | | | | | | |
| | | Symantec VCS | 7.1.3 | | | | | | | |
| | | | 5.0.1 | | | | | | | |
| | | | 5.0.3 | | | | | | | |
| | | | 5.1 | | | | | | | |
| | | DB2 pureScale | 9.8 | | 2 | 2 | 2 | | | |
| | | | 10.1 | | 2 | 2 | 2 | | | |
| | | | 10.5 | | 2 | 2 | 2 | | | |
| | | | | | | | | | | |
| | 7.1 (64 bit) | HACMP/PowerHA | No Cluster | | LVM or No LVM | | | | | |
| | | | 6.1 | | | | | | | |
| | | | 7.1 | | | | | | | |
| | | | 7.1.1 | | | | | | | |
| | | DB2 pureScale | 7.1.2 | | | | | | | |
| | | | 7.1.3 | | | | | | | |
| | | | 9.8 | | 2 | 2 | 2 | | | |
| | | | 10.1 | | 2 | 2 | 2 | | | |
| | | | 10.5 | | 2 | 2 | 2 | | | |
| | | | | | | | | | | |
| | | | 7.2 (64 bit) | HACMP/PowerHA | No Cluster | | LVM or No LVM | | | |
| | | | | | 6.1 | | | | | |
| | 7.1 | | | | | | | | | |
| | 7.1.1 | | | | | | | | | |
| | DB2 pureScale | 7.1.2 | | | | | | | | |
| | | 7.1.3 | | | | | | | | |
| | | 9.8 | | | 2 | 2 | 2 | | | |
| | | 10.1 | | | 2 | 2 | 2 | | | |
| | 10.5 | | | 2 | 2 | 2 | | | | |
| | | | | | | | | | | |
| | | | | | Supported | | | | | |
| | | | | | Not Supported | | | | | |

| Notes |
|---|
| 2 If Fast I/O Fencing is not used, use HGLM to set the LB setting of the Tie Breaker Disk to OFF. |

| OS | | Cluster | | Volume Manager | HDLM | | | | |
|-------|--|-----------------|------------|----------------|---------------|-------|-------|--|--|
| | | | | | 6.1.0 | 6.0.0 | 6.5.1 | | |
| HP-UX | 11i V1.0 PA-RISC | No Cluster | | No VM | | | | | |
| | | | | LVM | | | | | |
| | | MC/ServiceGuard | A.11.13/14 | LVM | 1 | | | | |
| | | | A.11.15 | | 1 | | | | |
| | | Serviceguard | | A.11.16 | | | | | |
| | 11i V2.0 (PA-RISC and Itanium / IA64) | No Cluster | | No VM | | | | | |
| | | | | LVM | | | | | |
| | | Serviceguard | A.11.16 | LVM | | | | | |
| | | | A.11.17 | | | 2 | 2 | | |
| | | | A.11.18 | | | | | | |
| | 11i V2.0 (PA-RISC and Itanium / IA64) | No Cluster | | No VM | | | | | |
| | | | | LVM | | | | | |
| | | Serviceguard | A.11.16 | LVM | | | | | |
| | | | A.11.17 | | | 2 | 2 | | |
| | | | A.11.18 | | | | | | |
| | | | A.11.19 | | | | | | |
| | | | | | Supported | | | | |
| | | | | | Not Supported | | | | |

| Notes | |
|-------|--|
| 1 | Lock disks of MC/ServiceGuard A.11.13, A.11.14, A.11.15 are not supported. |
| 2 | Only the Itanium/IA64 is supported |

| OS | | Cluster | | Volume Manager | HDLM | | |
|--|--|-------------------------|----------|----------------|-------|-------|-------|
| | | | | | 8.2.0 | 8.2.1 | 8.4.0 |
| Red Hat Enterprise Linux AS/ES 3 (Update 3) IA32 / x86 Processors 2.4.21-20.EL 2.4.21-20.ELsmp 2.4.21-20.ELhugemem | | No Cluster | | No VM | | | |
| | | | | LVM 1.0.3-15 | | | |
| | | VCS | 2.2 | No VM | | | |
| | | | 4.0 | | | | |
| Red Hat Enterprise Linux AS/ES 3 (Update 5 + Security Fix) IA32 / x86 Processors 2.4.21-32.0.1.EL 2.4.21-32.0.1.ELsmp 2.4.21-32.0.1.ELhugemem | | No Cluster | | No VM | | | |
| | | | | LVM 1.0.8-12.2 | | | |
| | | VCS | 4.0 | No VM | | | |
| | | | 1.2.26-1 | | | | |
| Red Hat Enterprise Linux AS/ES 3 (Update 8) IA32 / x86 Processors 2.4.21-47.EL 2.4.21-47.ELsmp 2.4.21-47.ELhugemem | | No Cluster | | No VM | | | |
| | | | | LVM 1.0.8-14 | | | |
| | | VCS | 4.0 | No VM | | | |
| | | | | | | | |
| Red Hat Enterprise Linux AS/ES 3 (Update 3) Itanium / IA64 Processors 2.4.21-20.EL | | No Cluster | | No VM | | | |
| | | | | LVM 1.0.3-15 | | | |
| | | VCS | 2.2 | No VM | | | |
| | | | | | | | |
| Red Hat Enterprise Linux AS/ES 3 (Update 5 + Security Fix) Itanium / IA64 Processors 2.4.21-32.0.1.EL | | No Cluster | | No VM | | | |
| | | | | LVM 1.0.8-12.2 | | | |
| Red Hat Enterprise Linux AS/ES 3 (Update 8) Itanium / IA64 Processors 2.4. 21-47.EL | | No Cluster | | No VM | | | |
| | | | | LVM 1.0.8-14 | | | |
| Red Hat Enterprise Linux AS/ES 3 (Update 3) EM64T Processors 2.4.21-20.EL | | No Cluster | | No VM | | | |
| | | | | LVM 1.0.8-5 | | | |
| | | Red Hat Cluster Manager | 1.2.22-2 | No VM | | | |
| | | | | | | | |
| Red Hat Enterprise Linux AS/ES 3 (Update 5 + Security Fix) EM64T Processors 2.4.21-32.0.1.EL | | No Cluster | | No VM | | | |
| | | | | LVM 1.0.8-12.2 | | | |
| Red Hat Enterprise Linux AS/ES 3 (Update 8) EM64T Processors 2.4.21-47.EL | | No Cluster | | No VM | | | |
| | | | | LVM 1.0.8-14 | | | |
| Red Hat Enterprise Linux AS/ES 3 (Update 5 + Security Fix) AMD64 Processors 2.4.21-32.0.1.EL 2.4.21-32.0.1.ELsmp | | No Cluster | | No VM | | | |
| | | | | LVM 1.0.8-12.2 | | | |
| Red Hat Enterprise Linux AS/ES 3 (Update 8) AMD64 Processors 2.4.21-47.EL 2.4.21-47.ELsmp | | No Cluster | | No VM | | | |
| | | | | LVM 1.0.8-14 | | | |
| Red Hat Enterprise Linux AS/ES 3 (Update 9) IA32 / x86 Processors 2.4.21-50.EL 2.4.21-50.ELsmp 2.4.21-50.ELhugemem | | No Cluster | | No VM | | | |
| | | | | LVM 1.0.8-14 | | | |
| Red Hat Enterprise Linux AS/ES 3 (Update 9) IA64 / Itanium Processors 2.4.21-50.EL | | No Cluster | | No VM | | | |
| | | | | LVM 1.0.8-14 | | | |
| Red Hat Enterprise Linux AS/ES 3 (Update 9) AMD64 Processors 2.4.21-50.EL 2.4.21-50.ELsmp | | No Cluster | | No VM | | | |
| | | | | LVM 1.0.8-14 | | | |
| Red Hat Enterprise Linux AS/ES 3 (Update 9) EMT64T Processors 2.4.21-50.EL | | No Cluster | | No VM | | | |
| | | | | LVM 1.0.8-14 | | | |

| | | | | |
|---|----------------------|------------|---|------------------------------------|
| Red Hat Enterprise Linux AS/ES 4 (Update 1) IA32 / x86 Processors 2.6.9-11.EL 2.6.9-11.ELsmp 2.6.9-11.ELhugemem | No Cluster | | No VM | |
| | | | LVM | 2.01.08-1.0.RHEL4 |
| | RedHat Cluster Suite | 1.0.12-1.0 | No VM | |
| | | | LVM | 2.01.08-1.0.RHEL4 |
| | Lifekeeper (*114) | 6.1 | No LVM - OR - LVM 2.01.08-1.0.RHEL4 | |
| | | 6.2 | | |
| | | 6.3 | | |
| | | 6.4 | | |
| | | 7.0 | | |
| | | 7.1 | | |
| | | 7.2 | | |
| | | 7.3 | | |
| | | 7.4 | | |
| Red Hat Enterprise Linux AS/ES 4 (Update 3) IA32 / x86 Processors 2.6.9-34.EL 2.6.9-34.ELsmp 2.6.9-34.ELhugemem | No Cluster | | No VM | |
| | | | LVM | 2.02.01-1.3.RHEL4 2.02.21-5.el4 |
| | RedHat Cluster Suite | 1.0.12-1.0 | No VM | |
| | | | LVM | 2.02.01-1.3.RHEL4 |
| | Lifekeeper (*114) | 6.0 | No LVM - OR - 2.02.01-1.3.RHEL4 | |
| | | 6.1 | | |
| | | 6.2 | | |
| | | 6.3 | | |
| | | 6.4 | | |
| | | 7.0 | | |
| | | 7.1 | | |
| | | 7.2 | | |
| | | 7.3 | | |
| | | 7.4 | | |
| Red Hat Enterprise Linux AS/ES 4 (Update 3 + Security Fix) IA32 / x86 Processors 2.6.9-34.0.2EL 2.6.9-34.0.2ELsmp 2.6.9-34.0.2ELhugemem | No Cluster | | No VM | |
| | | | LVM | 2.02.01-1.3.RHEL4 |
| | RedHat Cluster Suite | 1.0.4-0 | No VM | |
| | | | LVM | 2.02.01-1.3.RHEL4 |
| | Lifekeeper (*114) | 6.0 | No LVM - OR - 2.02.01-1.3.RHEL4 | |
| | | 6.1 | | |
| | | 6.2 | | |
| | | 6.3 | | |
| | | 6.4 | | |
| | | 7.0 | | |
| | | 7.1 | | |
| | | 7.2 | | |
| | | 7.3 | | |
| | | 7.4 | | |
| Red Hat Enterprise Linux AS/ES 4 (Update 4) IA32 / x86 Processors 2.6.9-42.EL 2.6.9-42.ELsmp 2.6.9-42.ELhugemem | No Cluster | | No VM | |
| | | | LVM | 2.02.06-6.0.RHEL4 |
| | RedHat Cluster Suite | 1.0.12-1.0 | No VM | |
| | | | LVM | 2.02.06-6.0.RHEL4 |
| | Lifekeeper (*114) | 6.0 | No LVM - OR - 2.02.06-6.0.RHEL4 | |
| | | 6.1 | | |
| | | 6.2 | | |
| | | 6.3 | | |
| | | 6.4 | | |
| | | 7.0 | | |
| | | 7.1 | | |
| | | 7.2 | | |
| | | 7.3 | | |
| | | 7.4 | | |
| Red Hat Enterprise Linux AS/ES 4 (Update 4 + Security Fix) IA32 / x86 Processors 2.6.9-42.0.3.EL 2.6.9-42.0.3.ELsmp 2.6.9-42.0.3.ELhugemem | No Cluster | | No VM | |
| | | | LVM | 2.02.06-6.0.RHEL4 |
| | RedHat Cluster Suite | 1.0.12-1.0 | No VM | |
| | | | LVM | 2.02.06-6.0.RHEL4 |
| | Lifekeeper (*114) | 6.0 | No LVM - OR - 2.02.06-6.0.RHEL4 | |
| | | 6.1 | | |
| | | 6.2 | | |
| | | 6.3 | | |
| | | 6.4 | | |
| | | 7.0 | | |
| | | 7.1 | | |
| | | 7.2 | | |
| | | 7.3 | | |
| | | 7.4 | | |

| | | | | |
|---|----------------------|------------|-----------------------------------|--------------------------------|
| Red Hat Enterprise Linux AS/ES 4.5 IA32 / x86 Processors 2.6.9-55.EL 2.6.9-55.ELsmp 2.6.9-55.ELhugemem | No Cluster | | No VM | |
| | | | LVM | 2.02.21-5.EL4 |
| | RedHat Cluster Suite | 1.0.12-1.0 | No VM | |
| | | | LVM | 2.02.21-5.EL4 |
| | Lifekeeper (*114) | 6.0 | No LVM - OR - 2.02.21-5.e14 | |
| | | 6.1 | | |
| | | 6.2 | | |
| | | 6.3 | | |
| | | 6.4 | | |
| | | 7.0 | | |
| | | 7.1 | | |
| | | 7.2 | | |
| | | 7.3 | | |
| | | 7.4 | | |
| Red Hat Enterprise Linux AS/ES 4.6 IA32 / x86 Processors 2.6.9-67.EL 2.6.9-67.ELsmp 2.6.9-67.ELhugemem | No Cluster | | No VM | |
| | | | LVM | 2.02.21-5.EL4 |
| | RedHat Cluster Suite | 1.0.12-1.0 | No VM | |
| | | | LVM | 2.02.21-5.EL4 |
| | Lifekeeper (*114) | 6.0 | No LVM - OR - 2.02.27-2.e14 | |
| | | 6.1 | | |
| | | 6.2 | | |
| | | 6.3 | | |
| | | 6.4 | | |
| | | 7.0 | | |
| | | 7.1 | | |
| | | 7.2 | | |
| | | 7.3 | | |
| | | 7.4 | | |
| Red Hat Enterprise Linux AS/ES 4.7 IA32 / x86 Processors 2.6.9-78.EL 2.6.9-78.ELsmp 2.6.9-78.ELhugemem | No Cluster | | No VM | |
| | | | LVM | 2.02.37-3.e14 2.02.21-5.e14 |
| | Lifekeeper (*114) | 6.4 | No LVM - OR - 2.02.37-3.e14 | |
| | | 7.0 | | |
| | | 7.1 | | |
| | | 7.2 | | |
| | | 7.3 | | |
| | | 7.4 | | |
| Red Hat Enterprise Linux AS/ES 4.8 IA32 / x86 Processors 2.6.9-89.EL 2.6.9-89.ELsmp 2.6.9-89.ELhugemem | No Cluster | | No VM | |
| | | | LVM | 2.02.42-5.e14 |
| | Lifekeeper (*114) | 6.4 | No LVM - OR - 2.02.37-3.e14 | |
| | | 7.0 | | |
| | | 7.1 | | |
| | | 7.2 | | |
| | | 7.3 | | |
| | | 7.4 | | |
| Red Hat Enterprise Linux AS/ES 4.9 IA32 / x86 Processors 2.6.9-100.EL 2.6.9-100.ELsmp 2.6.9-100.ELhugemem | No Cluster | | No VM | |
| | | | LVM | 2.02.42-9.e14 |

| | | | | |
|---|----------------------|------------|---------------------------------------|------------------------------------|
| Red Hat Enterprise Linux AS/ES 4 (Update 1) AMD64 and EM64T Processors 2.6.9-11.EL 2.6.9-11.ELsmp | No Cluster | | No VM | |
| | | | LVM | 2.01.08-1.0.RHEL4 |
| | RedHat Cluster Suite | 1.0.12-1.0 | No VM | |
| | | | LVM | 2.01.08-1.0.RHEL4 |
| | Lifekeeper (*114) | 6.0 | No LVM - OR - 2.01.08-1.0.RHEL4 | |
| | | 6.1 | | |
| | | 6.2 | | |
| | | 6.3 | | |
| | | 6.4 | | |
| | | 7.0 | | |
| | | 7.1 | | |
| | | 7.2 | | |
| | | 7.3 | | |
| | 7.4 | | | |
| Red Hat Enterprise Linux AS/ES 4 (Update 3) AMD64 and EM64T Processors 2.6.9-34.EL 2.6.9-34.ELsmp 2.6.9-34.ELlargesmp | No Cluster | | No VM | |
| | | | LVM | 2.02.01-1.3.RHEL4 2.02.21-5.el4 |
| | RedHat Cluster Suite | 1.0.12-1.0 | No VM | |
| | | | LVM | 2.02.01-1.3.RHEL4 |
| | Lifekeeper (*114) | 6.0 | No LVM - OR - 2.02.01-1.3.RHEL4 | |
| | | 6.1 | | |
| | | 6.2 | | |
| | | 6.3 | | |
| | | 6.4 | | |
| | | 7.0 | | |
| | | 7.1 | | |
| | | 7.2 | | |
| | | 7.3 | | |
| | 7.4 | | | |
| Red Hat Enterprise Linux AS/ES 4 (Update 3 + Security Fix) AMD64 and EM64T Processors 2.6.9-34.0.2.EL 2.6.9-34.0.2.ELsmp 2.6.9-34.0.2.ELlargesmp | No Cluster | | No VM | |
| | | | LVM | 2.02.01-1.3.RHEL4 2.02.21-5.el4 |
| | RedHat Cluster Suite | 1.0.4-0 | No VM | |
| | | | LVM | 2.02.01-1.3.RHEL4 |
| | Lifekeeper (*114) | 6.0 | No LVM - OR - 2.02.01-1.3.RHEL4 | |
| | | 6.1 | | |
| | | 6.2 | | |
| | | 6.3 | | |
| | | 6.4 | | |
| | | 7.0 | | |
| | | 7.1 | | |
| | | 7.2 | | |
| | | 7.3 | | |
| | 7.4 | | | |
| Red Hat Enterprise Linux AS/ES 4 (Update 4) AMD64 and EM64T Processors 2.6.9-42.EL 2.6.9-42.ELsmp 2.6.9-42.ELlargesmp | No Cluster | | No VM | |
| | | | LVM | 2.02.06-6.0.RHEL4 |
| | RedHat Cluster Suite | 1.0.12-1.0 | No VM | |
| | | | LVM | 2.02.06-6.0.RHEL4 |
| | Lifekeeper (*114) | 6.0 | No LVM - OR - 2.02.06-6.0.RHEL4 | |
| | | 6.1 | | |
| | | 6.2 | | |
| | | 6.3 | | |
| | | 6.4 | | |
| | | 7.0 | | |
| | | 7.1 | | |
| | | 7.2 | | |
| | | 7.3 | | |
| | 7.4 | | | |
| Red Hat Enterprise Linux AS/ES 4 (Update 4 + Security Fix) AMD64 and EM64T Processors 2.6.9-42.0.3.EL 2.6.9-42.0.3.ELsmp 2.6.9-42.0.3.ELlargesmp | No Cluster | | No VM | |
| | | | LVM | 2.02.06-6.0.RHEL4 |
| | RedHat Cluster Suite | 1.0.12-1.0 | No VM | |
| | | | LVM | 2.02.06-6.0.RHEL4 |
| | Lifekeeper (*114) | 6.0 | No LVM - OR - 2.02.06-6.0.RHEL4 | |
| | | 6.1 | | |
| | | 6.2 | | |
| | | 6.3 | | |
| | | 6.4 | | |
| | | 7.0 | | |
| | | 7.1 | | |
| | | 7.2 | | |
| | | 7.3 | | |
| | 7.4 | | | |

| | | | | |
|---|----------------------|------------|-----------------------------------|--------------------------------|
| Red Hat Enterprise Linux AS/ES 4.5 AMD64 and EM64T Processors 2.6.9-55.EL 2.6.9-55.ELsmp 2.6.9-55.ELlargesmp | No Cluster | | No VM | |
| | | | LVM | 2.02.21-5.el4 |
| | RedHat Cluster Suite | 1.0.12-1.0 | No VM | |
| | | | LVM | 2.02.21-5.el4 |
| | Lifekeeper (*114) | 6.0 | No LVM - OR - 2.02.21-5.el4 | |
| | | 6.1 | | |
| | | 6.2 | | |
| | | 6.3 | | |
| | | 6.4 | | |
| | | 7.0 | | |
| | | 7.1 | | |
| | | 7.2 | | |
| | | 7.3 | | |
| | | 7.4 | | |
| Red Hat Enterprise Linux AS/ES 4.6 AMD64 / EM64T Processors 2.6.9-67.EL 2.6.9-67.ELsmp 2.6.9-67.ELlargesmp | No Cluster | | No VM | |
| | | | LVM | 2.02.27-2.el4 |
| | RedHat Cluster Suite | 1.0.12-1.0 | No VM | |
| | | | LVM | 2.02.27-2.el4 |
| | Lifekeeper (*114) | 6.0 | No LVM - OR - 2.02.27-2.el4 | |
| | | 6.1 | | |
| | | 6.2 | | |
| | | 6.3 | | |
| | | 6.4 | | |
| | | 7.0 | | |
| | | 7.1 | | |
| | | 7.2 | | |
| | | 7.3 | | |
| | | 7.4 | | |
| Red Hat Enterprise Linux AS/ES 4.7 AMD64 / EM64T Processors 2.6.9-78.EL 2.6.9-78.ELsmp 2.6.9-78.ELlargesmp | No Cluster | | No VM | |
| | | | LVM | 2.02.37-3.el4 2.02.21-5.el4 |
| | Lifekeeper (*114) | 6.4 | No LVM - OR - 2.02.37-3.el4 | |
| | | 7.0 | | |
| | | 7.1 | | |
| | | 7.2 | | |
| | | 7.3 | | |
| | | 7.4 | | |
| Red Hat Enterprise Linux AS/ES 4.8 AMD64 / EM64T Processors 2.6.9-89.EL 2.6.9-89.ELsmp 2.6.9-89.ELlargesmp | No Cluster | | No VM | |
| | | | LVM | 2.02.42-5.el4 |
| | Lifekeeper (*114) | 6.4 | No LVM - OR - 2.02.42-5.el4 | |
| | | 7.0 | | |
| | | 7.1 | | |
| | | 7.2 | | |
| | | 7.3 | | |
| | | 7.4 | | |
| Red Hat Enterprise Linux AS/ES 4.9 AMD64 / EM64T Processors 2.6.9-100.EL 2.6.9-100.ELsmp 2.6.9-100.ELlargesmp | No Cluster | | No VM | |
| | | | LVM | 2.02.42-9.el4 |

| | | | | |
|---|----------------------|------------|------------------|-------------------|
| Red Hat Enterprise Linux AS/ES 4 (Update 1) Itanium / IA64 Processors 2.6.9-11.EL | No Cluster | | No VM | |
| | | | LVM | 2.01.08-1.0.RHEL4 |
| Red Hat Enterprise Linux AS/ES 4 (Update 3) Itanium / IA64 Processors 2.6.9-34.EL | No Cluster | | No VM | |
| | | | LVM | 2.02.01-1.3.RHEL4 |
| | | | | 2.02.21-5.e#4 |
| | RedHat Cluster Suite | 1.0.12-1.0 | No VM | |
| Red Hat Enterprise Linux AS/ES 4 (Update 4) Itanium / IA64 Processors 2.6.9-42.EL | No Cluster | | No VM | |
| | | | LVM | 2.02.06-6.0.RHEL4 |
| | RedHat Cluster Suite | 1.0.12-1.0 | No VM | |
| | | | LVM | 2.02.06-6.0.RHEL4 |
| | PrimeCluster | 4.2A00 | PrimeCluster GDS | 4.2A00 |
| Red Hat Enterprise Linux AS/ES 4 (Update 4 + Security Fix) Itanium / IA64 Processors 2.6.9-42.0.3.EL | No Cluster | | No VM | |
| | | | LVM | 2.02.06-6.0.RHEL4 |
| | RedHat Cluster Suite | 1.0.12-1.0 | No VM | |
| Red Hat Enterprise Linux AS/ES 4.5 Itanium / IA64 Processors 2.6.9-55.EL 2.6.9-55.ELlargesmp | No Cluster | | No VM | |
| | | | LVM | 2.02.21-5.e#4 |
| | RedHat Cluster Suite | 1.0.12-1.0 | No VM | |
| Red Hat Enterprise Linux AS/ES 4.6 Itanium / IA64 Processors 2.6.9-67.EL 2.6.9-67.ELlargesmp | No Cluster | | No VM | |
| | | | LVM | 2.02.27-2.e#4 |
| | RedHat Cluster Suite | 1.0.12-1.0 | No VM | |
| Red Hat Enterprise Linux AS/ES 4.7 Itanium / IA64 Processors 2.6.9-78.EL 2.6.9-78.ELlargesmp | No Cluster | | No VM | |
| | | | LVM | 2.02.37-3.e#4 |
| | | | | 2.02.21-5.e#4 |
| Red Hat Enterprise Linux AS/ES 4.8 Itanium / IA64 Processors 2.6.9-89.EL 2.6.9-89.ELlargesmp | No Cluster | | No VM | |
| | | | LVM | 2.02.42-5.e#4 |
| Red Hat Enterprise Linux AS/ES 4.9 Itanium / IA64 Processors 2.6.9-100.EL 2.6.9-100.ELlargesmp | No Cluster | | No VM | |
| | | | LVM | 2.02.42-9.e#4 |

| | | | | | | | |
|--|----------------------|------------|----------------------------------|---------------|-----|-----|-----|
| Red Hat Enterprise Linux 5 IA32 / x86 Processors 2.6.18-8.el5 2.6.18-8.el5PAE | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.16-3.el5 | | | |
| | RedHat Cluster Suite | 1.0.39-1.0 | No VM | | | | |
| | | | LVM | 2.02.16-3.el5 | | | |
| | Lifekeeper (*114) | 6.1 | No VM - OR - 2.02.16-3.el5 | | 77 | 77 | 77 |
| | | 6.2 | | | 87 | 87 | 87 |
| | | 6.3 | | | 90 | 90 | 90 |
| | | 6.4 | | | 91 | 91 | 91 |
| | | 7.0 | | | 91 | 91 | 91 |
| | | 7.1 | | | 91 | 91 | 91 |
| | | 7.2 | | | 97 | 97 | 97 |
| | | 7.3 | | | 97 | 97 | 97 |
| | | 7.4 | | | 97 | 97 | 97 |
| | | 7.5 | | | 97 | 97 | 97 |
| | | 8 | | | 97 | 97 | 97 |
| | | 8.1.1 | | | 104 | 104 | 104 |
| | | 8.1.2 | | | 105 | 105 | 105 |
| | | 8.2.0 | | | 107 | 107 | 107 |
| | | 8.2.1 | | | 108 | 108 | 108 |
| | | 8.3.0 | | | 109 | 109 | 109 |
| | | 8.3.1 | | | 110 | 110 | 110 |
| | | 8.3.2 | | | 111 | 111 | 111 |
| | | 8.4.0 | | | 112 | 112 | 112 |
| | 8.4.1 | 113 | 113 | 113 | | | |
| 9.0.0 | 115 | 115 | 115 | | | | |
| 9.0.1 | 116 | 116 | 116 | | | | |
| Red Hat Enterprise Linux 5 Itanium / IA64 Processors 2.6.18-8.el5 | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.16-3.el5 | | | |
| | RedHat Cluster Suite | 1.0.39-1.0 | No VM | | | | |
| | | | LVM | 2.02.16-3.el5 | | | |
| Red Hat Enterprise Linux 5 AMD64 and EM64T Processors 2.6.18-8.el5 | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.16-3.el5 | | | |
| | RedHat Cluster Suite | 1.0.39-1.0 | No VM | | | | |
| | | | LVM | 2.02.16-3.el5 | | | |
| | Lifekeeper (*114) | 6.1 | No VM - OR - 2.02.16-3.el5 | | 77 | 77 | 77 |
| | | 6.2 | | | 87 | 87 | 87 |
| | | 6.3 | | | 90 | 90 | 90 |
| | | 6.4 | | | 91 | 91 | 91 |
| | | 7.0 | | | 91 | 91 | 91 |
| | | 7.1 | | | 91 | 91 | 91 |
| | | 7.2 | | | 97 | 97 | 97 |
| | | 7.3 | | | 97 | 97 | 97 |
| | | 7.4 | | | 97 | 97 | 97 |
| | | 7.5 | | | 97 | 97 | 97 |
| | | 8 | | | 97 | 97 | 97 |
| | | 8.1.1 | | | 104 | 104 | 104 |
| | | 8.1.2 | | | 105 | 105 | 105 |
| | | 8.2.0 | | | 107 | 107 | 107 |
| | | 8.2.1 | | | 108 | 108 | 108 |
| | | 8.3.0 | | | 109 | 109 | 109 |
| | | 8.3.1 | | | 110 | 110 | 110 |
| | | 8.3.2 | | | 111 | 111 | 111 |
| | | 8.4.0 | | | 112 | 112 | 112 |
| | | 8.4.1 | | | 113 | 113 | 113 |
| | | 9.0.0 | | | 115 | 115 | 115 |
| | | 9.0.1 | | | 116 | 116 | 116 |

| | | | | | | | |
|--|-----------------------|------------|----------------------------------|---------------|--------|--------|--|
| Red Hat Enterprise Linux 5.1 IA32 / x86 Processors 2.6.18-53.el5 2.6.18-53.el5PAE | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.16-3.el5 | | | |
| | Red-Hat Cluster Suite | 1.0.50-1.3 | No VM | | | | |
| | | | LVM | 2.02.26-3.el5 | | | |
| | Lifekeeper (*114) | 6.1 | No VM - OR - 2.02.26-3.el5 | 77, 94 | 77, 94 | 77, 94 | |
| | | 6.2 | | 87 | 87 | 87 | |
| | | 6.3 | | 90 | 90 | 90 | |
| | | 6.4 | | 91 | 91 | 91 | |
| | | 7.0 | | 91 | 91 | 91 | |
| | | 7.1 | | 91 | 91 | 91 | |
| | | 7.2 | | 97 | 97 | 97 | |
| | | 7.3 | | 97 | 97 | 97 | |
| | | 7.4 | | 97 | 97 | 97 | |
| | | 7.5 | | 97 | 97 | 97 | |
| | | 8 | | 97 | 97 | 97 | |
| | | 8.1.1 | | 104 | 104 | 104 | |
| | | 8.1.2 | | 105 | 105 | 105 | |
| | | 8.2.0 | | 107 | 107 | 107 | |
| | | 8.2.1 | | 108 | 108 | 108 | |
| | | 8.3.0 | | 109 | 109 | 109 | |
| | | 8.3.1 | | 110 | 110 | 110 | |
| | | 8.3.2 | | 111 | 111 | 111 | |
| | | 8.4.0 | | 112 | 112 | 112 | |
| | | 8.4.1 | | 113 | 113 | 113 | |
| | 9.0.0 | 115 | 115 | 115 | | | |
| | 9.0.1 | 116 | 116 | 116 | | | |
| Red Hat Enterprise Linux 5.1 Itanium / IA64 Processors 2.6.18-53.el5 | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.26-3.el5 | | | |
| | Red-Hat Cluster Suite | 1.0.50-1.3 | No VM | | | | |
| | | | LVM | 2.02.26-3.el5 | | | |
| Red Hat Enterprise Linux 5.1 AMD64 and EM64T Processors 2.6.18-53.el5 | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.26-3.el5 | | | |
| | Red-Hat Cluster Suite | 1.0.50-1.3 | No VM | | | | |
| | | | LVM | 2.02.26-3.el5 | | | |
| | Lifekeeper (*114) | 6.1 | No VM - OR - 2.02.26-3.el5 | 77, 94 | 77, 94 | 77, 94 | |
| | | 6.2 | | 87 | 87 | 87 | |
| | | 6.3 | | 90 | 90 | 90 | |
| | | 6.4 | | 91 | 91 | 91 | |
| | | 7.0 | | 91 | 91 | 91 | |
| | | 7.1 | | 91 | 91 | 91 | |
| | | 7.2 | | 97 | 97 | 97 | |
| | | 7.3 | | 97 | 97 | 97 | |
| | | 7.4 | | 97 | 97 | 97 | |
| | | 7.5 | | 97 | 97 | 97 | |
| | | 8 | | 97 | 97 | 97 | |
| | | 8.1.1 | | 104 | 104 | 104 | |
| | | 8.1.2 | | 105 | 105 | 105 | |
| | | 8.2.0 | | 107 | 107 | 107 | |
| | | 8.2.1 | | 108 | 108 | 108 | |
| | | 8.3.0 | | 109 | 109 | 109 | |
| | | 8.3.1 | | 110 | 110 | 110 | |
| | | 8.3.2 | | 111 | 111 | 111 | |
| | | 8.4.0 | | 112 | 112 | 112 | |
| | | 8.4.1 | | 113 | 113 | 113 | |
| | 9.0.0 | 115 | 115 | 115 | | | |
| | 9.0.1 | 116 | 116 | 116 | | | |

| | | | | | | | |
|--|----------------------|----------|----------------------------------|---------------|-----|-----|-----|
| Red Hat Enterprise Linux 5.2 IA32 / x86 Processors 2.6.18-92.el5 2.6.18-92.el5PAE | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.32-4.el5 | | | |
| | RedHat Cluster Suite | 2.0.84-2 | No VM | | | | |
| | | | LVM | 2.02.32-4.el5 | | | |
| | Lifekeeper (*114) | 6.3 | No VM - OR - 2.02.32-4.el5 | | 90 | 90 | 90 |
| | | 6.4 | | | 91 | 91 | 91 |
| | | 7.0 | | | 91 | 91 | 91 |
| | | 7.1 | | | 91 | 91 | 91 |
| | | 7.2 | | | 97 | 97 | 97 |
| | | 7.3 | | | 97 | 97 | 97 |
| | | 7.4 | | | 97 | 97 | 97 |
| | | 7.5 | | | 97 | 97 | 97 |
| | | 8 | | | 97 | 97 | 97 |
| | | 8.1.1 | | | 104 | 104 | 104 |
| | | 8.1.2 | | | 105 | 105 | 105 |
| | | 8.2.0 | | | 107 | 107 | 107 |
| | | 8.2.1 | | | 108 | 108 | 108 |
| | | 8.3.0 | | | 109 | 109 | 109 |
| | | 8.3.1 | | | 110 | 110 | 110 |
| | | 8.3.2 | | | 111 | 111 | 111 |
| | | 8.4.0 | | | 112 | 112 | 112 |
| | | 8.4.1 | | | 113 | 113 | 113 |
| | 9.0.0 | 115 | 115 | 115 | | | |
| | 9.0.1 | 116 | 116 | 116 | | | |
| Red Hat Enterprise Linux 5.2 Itanium / IA64 Processors 2.6.18-92.el5 | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.32-4.el5 | | | |
| | RedHat Cluster Suite | 2.0.84-2 | No VM | | | | |
| | | | LVM | 2.02.32-4.el5 | | | |
| Red Hat Enterprise Linux 5.2 AMD64 and EM64T Processors 2.6.18-92.el5 | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.32-4.el5 | | | |
| | RedHat Cluster Suite | 2.0.84-2 | No VM | | | | |
| | | | LVM | 2.02.32-4.el5 | | | |
| | Lifekeeper (*114) | 6.3 | No VM - OR - 2.02.32-4.el5 | | 90 | 90 | 90 |
| | | 6.4 | | | 91 | 91 | 91 |
| | | 7.0 | | | 91 | 91 | 91 |
| | | 7.1 | | | 91 | 91 | 91 |
| | | 7.2 | | | 97 | 97 | 97 |
| | | 7.3 | | | 97 | 97 | 97 |
| | | 7.4 | | | 97 | 97 | 97 |
| | | 7.5 | | | 97 | 97 | 97 |
| | | 8 | | | 97 | 97 | 97 |
| | | 8.1.1 | | | 104 | 104 | 104 |
| | | 8.1.2 | | | 105 | 105 | 105 |
| | | 8.2.0 | | | 107 | 107 | 107 |
| | | 8.2.1 | | | 108 | 108 | 108 |
| | | 8.3.0 | | | 109 | 109 | 109 |
| | | 8.3.1 | | | 110 | 110 | 110 |
| | | 8.3.2 | | | 111 | 111 | 111 |
| | | 8.4.0 | | | 112 | 112 | 112 |
| | | 8.4.1 | | | 113 | 113 | 113 |
| | 9.0.0 | 115 | 115 | 115 | | | |
| | 9.0.1 | 116 | 116 | 116 | | | |
| Red Hat Enterprise Linux 5.3 IA32 / x86 Processors 2.6.18-128.el5 2.6.18-128.el5PAE | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.40-6.el5 | | | |
| | RedHat Cluster Suite | 2.0.98-1 | No VM | | | | |
| | | | LVM | 2.02.40-6.el5 | | | |
| | Lifekeeper (*114) | 6.4 | No VM - OR - 2.02.40-6.el5 | | 91 | 91 | 91 |
| | | 7.0 | | | 91 | 91 | 91 |
| | | 7.1 | | | 91 | 91 | 91 |
| | | 7.2 | | | 97 | 97 | 97 |
| | | 7.3 | | | 97 | 97 | 97 |
| | | 7.4 | | | 97 | 97 | 97 |
| | | 7.5 | | | 97 | 97 | 97 |
| | | 8 | | | 97 | 97 | 97 |
| | | 8.1.1 | | | 104 | 104 | 104 |
| | | 8.1.2 | | | 105 | 105 | 105 |
| | | 8.2.0 | | | 107 | 107 | 107 |
| | | 8.2.1 | | | 108 | 108 | 108 |
| | | 8.3.0 | | | 109 | 109 | 109 |
| | | 8.3.1 | | | 110 | 110 | 110 |
| | | 8.3.2 | | | 111 | 111 | 111 |
| | | 8.4.0 | | | 112 | 112 | 112 |
| | | 8.4.1 | | | 113 | 113 | 113 |
| | | 9.0.0 | | | 115 | 115 | 115 |
| | 9.0.1 | 116 | 116 | 116 | | | |

| | | | | | | | |
|--|----------------------|-----------|----------------------------------|---------------|-----|-----|-----|
| Red Hat Enterprise Linux 5.3 AMD64 and EM64T Processors 2.6.18-128.el5 | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.40-6.el5 | | | |
| | RedHat Cluster Suite | 2.0.98-1 | No VM | | | | |
| | | | LVM | 2.02.40-6.el5 | | | |
| | Lifekeeper (*114) | 6.4 | No VM - OR - 2.02.40-6.el5 | | 91 | 91 | 91 |
| | | 7.0 | | | 91 | 91 | 91 |
| | | 7.1 | | | 91 | 91 | 91 |
| | | 7.2 | | | 97 | 97 | 97 |
| | | 7.3 | | | 97 | 97 | 97 |
| | | 7.4 | | | 97 | 97 | 97 |
| | | 7.5 | | | 97 | 97 | 97 |
| | | 8 | | | 97 | 97 | 97 |
| | | 8.1.1 | | | 104 | 104 | 104 |
| | | 8.1.2 | | | 105 | 105 | 105 |
| | | 8.2.0 | | | 107 | 107 | 107 |
| | | 8.2.1 | | | 108 | 108 | 108 |
| | | 8.3.0 | | | 109 | 109 | 109 |
| | | 8.3.1 | | | 110 | 110 | 110 |
| | | 8.3.2 | | | 111 | 111 | 111 |
| | | 8.4.0 | | | 112 | 112 | 112 |
| | | 8.4.1 | | | 113 | 113 | 113 |
| | | 9.0.0 | | | 115 | 115 | 115 |
| | | 9.0.1 | | | 116 | 116 | 116 |
| Red Hat Enterprise Linux 5.3 Itanium / IA64 Processors 2.6.18-128.el5 | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.40-6.el5 | | | |
| | RedHat Cluster Suite | 2.0.98-1 | No VM | | | | |
| | | | LVM | 2.02.40-6.el5 | | | |
| Red Hat Enterprise Linux 5.4 IA32 / x86 Processors 2.6.18-164.el5 2.6.18-164.el5PAE | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.46-8.el5 | | | |
| | RedHat Cluster Suite | 2.0.115-1 | No VM | | | | |
| | | | LVM | 2.02.46-8.el5 | | | |
| | Lifekeeper (*114) | 6.4 | No VM - OR - 2.02.46-8.el5 | | | | |
| | | 7.0 | | | 91 | 91 | 91 |
| | | 7.1 | | | 91 | 91 | 91 |
| | | 7.2 | | | 97 | 97 | 97 |
| | | 7.3 | | | 97 | 97 | 97 |
| | | 7.4 | | | 97 | 97 | 97 |
| | | 7.5 | | | 97 | 97 | 97 |
| | | 8 | | | 97 | 97 | 97 |
| | | 8.1.1 | | | 104 | 104 | 104 |
| | | 8.1.2 | | | 105 | 105 | 105 |
| | | 8.2.0 | | | 107 | 107 | 107 |
| | | 8.2.1 | | | 108 | 108 | 108 |
| | | 8.3.0 | | | 109 | 109 | 109 |
| | | 8.3.1 | | | 110 | 110 | 110 |
| | | 8.3.2 | | | 111 | 111 | 111 |
| | | 8.4.0 | | | 112 | 112 | 112 |
| | | 8.4.1 | | | 113 | 113 | 113 |
| | | 9.0.0 | | | 115 | 115 | 115 |
| | | 9.0.1 | | | 116 | 116 | 116 |
| Red Hat Enterprise Linux 5.4 Itanium / IA64 Processors 2.6.18-164.el5 | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.46-8.el5 | | | |
| | RedHat Cluster Suite | 2.0.115-1 | No VM | | | | |
| | | | LVM | 2.02.46-8.el5 | | | |
| Red Hat Enterprise Linux 5.4 AMD64 and EM64T Processors 2.6.18-164.el5 | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.46-8.el5 | | | |
| | RedHat Cluster Suite | 2.0.115-1 | No VM | | | | |
| | | | LVM | 2.02.46-8.el5 | | | |
| | Lifekeeper (*114) | 6.4 | No VM - OR - 2.02.46-8.el5 | | | | |
| | | 7.0 | | | 91 | 91 | 91 |
| | | 7.1 | | | 91 | 91 | 91 |
| | | 7.2 | | | 97 | 97 | 97 |
| | | 7.3 | | | 97 | 97 | 97 |
| | | 7.4 | | | 97 | 97 | 97 |
| | | 7.5 | | | 97 | 97 | 97 |
| | | 8 | | | 97 | 97 | 97 |
| | | 8.1.1 | | | 104 | 104 | 104 |
| | | 8.1.2 | | | 105 | 105 | 105 |
| | | 8.2.0 | | | 107 | 107 | 107 |
| | | 8.2.1 | | | 108 | 108 | 108 |
| | | 8.3.0 | | | 109 | 109 | 109 |
| | | 8.3.1 | | | 110 | 110 | 110 |
| | | 8.3.2 | | | 111 | 111 | 111 |
| | | 8.4.0 | | | 112 | 112 | 112 |
| | | 8.4.1 | | | 113 | 113 | 113 |
| | | 9.0.0 | | | 115 | 115 | 115 |
| | | 9.0.1 | | | 116 | 116 | 116 |

| | | | | | | | |
|--|----------------------|-------|----------------------------------|---------------|----------|----------|----------|
| Red Hat Enterprise Linux 5.5 IA32 / x86 Processors 2.6.18-194.el5 2.6.18-194.el5PAE | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.56-8.el5 | | | |
| | Lifekeeper (*114) | 6.4 | No VM - OR - 2.02.56-8.el5 | | | | |
| | | 7.0 | | | | | |
| | | 7.1 | | | 91 | 91 | 91 |
| | | 7.2 | | | 97 | 97 | 97 |
| | | 7.3 | | | 97 | 97 | 97 |
| | | 7.4 | | | 97 | 97 | 97 |
| | | 7.5 | | | 97 | 97 | 97 |
| | | 8 | | | 97 | 97 | 97 |
| | | 8.1.1 | | | 104 | 104 | 104 |
| | | 8.1.2 | | | 105 | 105 | 105 |
| | | 8.2.0 | | | 107 | 107 | 107 |
| | | 8.2.1 | | | 108 | 108 | 108 |
| | | 8.3.0 | | | 109 | 109 | 109 |
| | | 8.3.1 | | | 110 | 110 | 110 |
| | | 8.3.2 | | | 111 | 111 | 111 |
| | | 8.4.0 | | | 112 | 112 | 112 |
| | | 8.4.1 | | | 113 | 113 | 113 |
| | | 9.0.0 | | | 115 | 115 | 115 |
| | | 9.0.1 | | | 116 | 116 | 116 |
| | RedHat Cluster Suite | | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.56-8.el5 | 101 | 101 | 101 |
| Red Hat Enterprise Linux 5.5 Itanium / IA64 Processors 2.6.18-194.el5 | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.56-8.el5 | | | |
| | RedHat Cluster Suite | | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.56-8.el5 | 101 | 101 | 101 |
| Red Hat Enterprise Linux 5.5 AMD64 and EM64T Processors 2.6.18-194.el5 | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.56-8.el5 | | | |
| | Lifekeeper (*114) | 6.4 | No VM - OR - 2.02.56-8.el5 | | | | |
| | | 7.0 | | | | | |
| | | 7.1 | | | 97 | 97 | 97 |
| | | 7.2 | | | 97 | 97 | 97 |
| | | 7.3 | | | 97 | 97 | 97 |
| | | 7.4 | | | 97 | 97 | 97 |
| | | 7.5 | | | 97 | 97 | 97 |
| | | 8 | | | 97 | 97 | 97 |
| | | 8.1.1 | | | 104 | 104 | 104 |
| | | 8.1.2 | | | 105 | 105 | 105 |
| | | 8.2.0 | | | 107 | 107 | 107 |
| | | 8.2.1 | | | 108 | 108 | 108 |
| | | 8.3.0 | | | 109 | 109 | 109 |
| | | 8.3.1 | | | 110 | 110 | 110 |
| | | 8.3.2 | | | 111 | 111 | 111 |
| | | 8.4.0 | | | 112 | 112 | 112 |
| | | 8.4.1 | | | 113 | 113 | 113 |
| | | 9.0.0 | | | 115 | 115 | 115 |
| | | 9.0.1 | | | 116 | 116 | 116 |
| | RedHat Cluster Suite | | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.56-8.el5 | 101 | 101 | 101 |
| Red Hat Enterprise Linux 5.6 IA32 / x86 Processors 2.6.18-238.el5 2.6.18-238.el5PAE | No Cluster | | No VM | | | | |
| | | | 2.02.74-5.el5 | | | | |
| | | | 2.02.84-3.el5 | | | | |
| | RedHat Cluster Suite | | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.74-5.el5 | 101 | 101 | 101 |
| | Lifekeeper (*114) | 6.4 | No VM - OR - 2.02.74-5.el5 | | | | |
| | | 7.0 | | | | | |
| | | 7.1 | | | | | |
| | | 7.2 | | | | | |
| | | 7.3 | | | 97, 101 | 97, 101 | 97, 101 |
| | | 7.4 | | | 97, 101 | 97, 101 | 97, 101 |
| | | 7.5 | | | 97, 101 | 97, 101 | 97, 101 |
| | | 8 | | | 97, 101 | 97, 101 | 97, 101 |
| | | 8.1.1 | | | 101, 104 | 101, 104 | 101, 104 |
| | | 8.1.2 | | | 101, 105 | 101, 105 | 101, 105 |
| | | 8.2.0 | | | 101, 107 | 101, 107 | 101, 107 |
| | | 8.2.1 | | | 101, 108 | 101, 108 | 101, 108 |
| | | 8.3.0 | | | 101, 109 | 101, 109 | 101, 109 |
| | | 8.3.1 | | | 101, 110 | 101, 110 | 101, 110 |
| | | 8.3.2 | | | 101, 111 | 101, 111 | 101, 111 |
| | | 8.4.0 | | | 101, 112 | 101, 112 | 101, 112 |
| | | 8.4.1 | | | 101, 113 | 101, 113 | 101, 113 |
| | | 9.0.0 | | | 101, 115 | 101, 115 | 101, 115 |
| | | 9.0.1 | | | 101, 116 | 101, 116 | 101, 116 |
| Red Hat Enterprise Linux 5.6 Itanium / IA64 Processors 2.6.18-238.el5 | No Cluster | | No VM | | | | |
| | | | 2.02.74-5.el5 | | | | |
| | | | 2.02.84-3.el5 | | | | |
| | RedHat Cluster Suite | | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.74-5.el5 | 101 | 101 | 101 |

| | | | | | | | | | | |
|--|--|---|----------------------------------|---------------|---------------|----------|---------------|-----|--|--|
| Red Hat Enterprise Linux 5.6 AMD64 and EM64T Processors 2.6.18-238.el5 | No Cluster | | No VM | | | | | | | |
| | | | LVM | 2.02.74-5.el5 | | | | | | |
| | | | | 2.02.84-3.el5 | | | | | | |
| | RedHat Cluster Suite | | No VM | | 101 | 101 | 101 | | | |
| | | | LVM | 2.02.74-5.el5 | 101 | 101 | 101 | | | |
| | | | | | | | | | | |
| | Lifekeeper (*114) | 6.4 | No VM - OR - 2.02.74-5.el5 | | | | | | | |
| | | 7.0 | | | | | | | | |
| | | 7.1 | | | | | | | | |
| | | 7.2 | | | | | | | | |
| | | 7.3 | | 97, 101 | 97, 101 | 97, 101 | | | | |
| | | 7.4 | | 97, 101 | 97, 101 | 97, 101 | | | | |
| | | 7.5 | | 97, 101 | 97, 101 | 97, 101 | | | | |
| | | 8 | | 97, 101 | 97, 101 | 97, 101 | | | | |
| | | 8.1.1 | | 101, 104 | 101, 104 | 101, 104 | | | | |
| | | 8.1.2 | | 101, 105 | 101, 105 | 101, 105 | | | | |
| | | 8.2.0 | | 101, 107 | 101, 107 | 101, 107 | | | | |
| | | 8.2.1 | | 101, 108 | 101, 108 | 101, 108 | | | | |
| | | 8.3.0 | | 101, 109 | 101, 109 | 101, 109 | | | | |
| | | 8.3.1 | | 101, 110 | 101, 110 | 101, 110 | | | | |
| | | 8.3.2 | | 101, 111 | 101, 111 | 101, 111 | | | | |
| | 8.4.0 | 101, 112 | 101, 112 | 101, 112 | | | | | | |
| | 8.4.1 | 101, 113 | 101, 113 | 101, 113 | | | | | | |
| | 9.0.0 | 101, 115 | 101, 115 | 101, 115 | | | | | | |
| | 9.0.1 | 101, 116 | 101, 116 | 101, 116 | | | | | | |
| Red Hat Enterprise Linux 5.7 IA32 / x86 Processors 2.6.18-274.el5 2.6.18-274.el5PAE | No Cluster | | No VM | | | | | | | |
| | | | LVM | 2.02.84-6.el5 | 101 | 101 | 101 | | | |
| | | | | | | | | | | |
| | RedHat Cluster Suite | 2.0.115-85 | No VM | | 101 | 101 | 101 | | | |
| | | | LVM | 2.02.84-6.el5 | 101 | 101 | 101 | | | |
| | | | | | | | | | | |
| | Lifekeeper (*114) | 7.3 | LVM 2.02.84-6.el5 | 97, 101 | 97, 101 | 97, 101 | | | | |
| | | 7.4 | | 97, 101 | 97, 101 | 97, 101 | | | | |
| | | 7.5 | | 97, 101 | 97, 101 | 97, 101 | | | | |
| | | 8 | | 97, 101 | 97, 101 | 97, 101 | | | | |
| | | 8.1.1 | | 101, 104 | 101, 104 | 101, 104 | | | | |
| | | 8.1.2 | | 101, 105 | 101, 105 | 101, 105 | | | | |
| | | 8.2.0 | | 101, 107 | 101, 107 | 101, 107 | | | | |
| | | 8.2.1 | | 101, 108 | 101, 108 | 101, 108 | | | | |
| | | 8.3.0 | | 101, 109 | 101, 109 | 101, 109 | | | | |
| | | 8.3.1 | | 101, 110 | 101, 110 | 101, 110 | | | | |
| | | 8.3.2 | | 101, 111 | 101, 111 | 101, 111 | | | | |
| | | 8.4.0 | | 101, 112 | 101, 112 | 101, 112 | | | | |
| | | 8.4.1 | | 101, 113 | 101, 113 | 101, 113 | | | | |
| | | 9.0.0 | | 101, 115 | 101, 115 | 101, 115 | | | | |
| | | 9.0.1 | | 101, 116 | 101, 116 | 101, 116 | | | | |
| | Red Hat Enterprise Linux 5.7 Itanium / IA64 Processors 2.6.18-274.el5 | No Cluster | | No VM | | | | | | |
| | | | | LVM | 2.02.84-6.el5 | 101 | 101 | 101 | | |
| | | | | | | | | | | |
| | | RedHat Cluster Suite | 2.0.115-85 | No VM | | | | | | |
| LVM | | | | 2.02.84-6.el5 | 101 | 101 | 101 | | | |
| Red Hat Enterprise Linux 5.7 AMD64 and EM64T Processors 2.6.18-274.el5 | No Cluster | | No VM | | | | | | | |
| | | | LVM | 2.02.84-6.el5 | 101 | 101 | 101 | | | |
| | | | | | | | | | | |
| | RedHat Cluster Suite | 2.0.115-85 | No VM | | 101 | 101 | 101 | | | |
| | | | LVM | 2.02.84-6.el5 | 101 | 101 | 101 | | | |
| | | | | | | | | | | |
| | Lifekeeper (*114) | 7.3 | LVM 2.02.84-6.el5 | 97, 101 | 97, 101 | 97, 101 | | | | |
| | | 7.4 | | 97, 101 | 97, 101 | 97, 101 | | | | |
| | | 7.5 | | 97, 101 | 97, 101 | 97, 101 | | | | |
| | | 8 | | 97, 101 | 97, 101 | 97, 101 | | | | |
| | | 8.1.1 | | 101, 104 | 101, 104 | 101, 104 | | | | |
| | | 8.1.2 | | 101, 105 | 101, 105 | 101, 105 | | | | |
| | | 8.2.0 | | 101, 107 | 101, 107 | 101, 107 | | | | |
| | | 8.2.1 | | 101, 108 | 101, 108 | 101, 108 | | | | |
| | | 8.3.0 | | 101, 109 | 101, 109 | 101, 109 | | | | |
| | | 8.3.1 | | 101, 110 | 101, 110 | 101, 110 | | | | |
| | | 8.3.2 | | 101, 111 | 101, 111 | 101, 111 | | | | |
| | | 8.4.0 | | 101, 112 | 101, 112 | 101, 112 | | | | |
| | | 8.4.1 | | 101, 113 | 101, 113 | 101, 113 | | | | |
| | | 9.0.0 | | 101, 115 | 101, 115 | 101, 115 | | | | |
| | | 9.0.1 | | 101, 116 | 101, 116 | 101, 116 | | | | |
| | Red Hat Enterprise Linux 5.8 IA32 / x86 Processors 2.6.18-308.el5 2.6.18-308.el5PAE | No Cluster | | No VM | | | | | | |
| | | | | LVM | 2.02.88-7.el5 | | | | | |
| | | | | | | | | | | |
| | | RedHat Cluster Suite | 2.0.115-96 | No VM | | 101 | 101 | 101 | | |
| LVM | | | | 2.02.88-7.el5 | 101 | 101 | 101 | | | |
| | | | | | | | | | | |
| Lifekeeper (*114) | | 7.5 | No VM - OR - 2.02.88-7.el5 | 97, 101 | 97, 101 | 97, 101 | | | | |
| | | 8 | | 97, 101 | 97, 101 | 97, 101 | | | | |
| | | 8.1.1 | | 101, 104 | 101, 104 | 101, 104 | | | | |
| | | 8.1.2 | | 101, 105 | 101, 105 | 101, 105 | | | | |
| | | 8.2.0 | | 101, 107 | 101, 107 | 101, 107 | | | | |
| | | 8.2.1 | | 101, 108 | 101, 108 | 101, 108 | | | | |
| | | 8.3.0 | | 101, 109 | 101, 109 | 101, 109 | | | | |
| | | 8.3.1 | | 101, 110 | 101, 110 | 101, 110 | | | | |
| | | 8.3.2 | | 101, 111 | 101, 111 | 101, 111 | | | | |
| | | 8.4.0 | | 101, 112 | 101, 112 | 101, 112 | | | | |
| | | 8.4.1 | | 101, 113 | 101, 113 | 101, 113 | | | | |
| | | 9.0.0 | | 101, 115 | 101, 115 | 101, 115 | | | | |
| | | 9.0.1 | | 101, 116 | 101, 116 | 101, 116 | | | | |
| | | Red Hat Enterprise Linux 5.8 Itanium / IA64 Processors 2.6.18-308.el5 | | No Cluster | | No VM | | | | |
| | | | | | | LVM | 2.02.88-7.el5 | | | |
| | | | | | | | | | | |
| RedHat Cluster Suite | | | 2.0.115-96 | No VM | | 101 | 101 | 101 | | |
| | | | | LVM | 2.02.88-7.el5 | 101 | 101 | 101 | | |
| Red Hat Enterprise Linux 5.8 AMD64 and EM64T Processors 2.6.18-308.el5 | | No Cluster | | No VM | | | | | | |
| | LVM | | | 2.02.88-7.el5 | | | | | | |
| | | | | | | | | | | |
| | RedHat Cluster Suite | 2.0.115-96 | No VM | | 101 | 101 | 101 | | | |
| | | | LVM | 2.02.88-7.el5 | 101 | 101 | 101 | | | |
| | | | | | | | | | | |
| | Lifekeeper (*114) | 7.5 | No VM - OR - 2.02.88-7.el5 | 97, 101 | 97, 101 | 97, 101 | | | | |
| | | 8 | | 97, 101 | 97, 101 | 97, 101 | | | | |
| | | 8.1.1 | | 101, 104 | 101, 104 | 101, 104 | | | | |
| | | 8.1.2 | | 101, 105 | 101, 105 | 101, 105 | | | | |
| | | 8.2.0 | | 101, 107 | 101, 107 | 101, 107 | | | | |
| | | 8.2.1 | | 101, 108 | 101, 108 | 101, 108 | | | | |
| | | 8.3.0 | | 101, 109 | 101, 109 | 101, 109 | | | | |
| | | 8.3.1 | | 101, 110 | 101, 110 | 101, 110 | | | | |
| | | 8.3.2 | | 101, 111 | 101, 111 | 101, 111 | | | | |
| | | 8.4.0 | | 101, 112 | 101, 112 | 101, 112 | | | | |
| | | | | 101, 112 | 101, 112 | 101, 112 | | | | |

| | | | | | |
|--|--|-------|----------|----------|----------|
| | | 8.4.1 | 101, 113 | 101, 113 | 101, 113 |
| | | 9.0.0 | 101, 115 | 101, 115 | 101, 115 |
| | | 9.0.1 | 101, 116 | 101, 116 | 101, 116 |

| | | | | | | | |
|---|----------------------|-------------|-----------------------------------|----------------|----------|----------|----------|
| Red Hat Enterprise Linux 5.9 IA32 / x86 Processors 2.6.18-348.el5 2.6.18-348.el5PAE | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.88-10.el5 | | | |
| | RedHat Cluster Suite | 2.0.115-109 | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.88-10.el5 | 101 | 101 | 101 |
| | Lifekeeper (*114) | 7.5 | No VM - OR - 2.02.88-10.el5 | | 97, 101 | 97, 101 | 97, 101 |
| | | 8 | | | 97, 101 | 97, 101 | 97, 101 |
| | | 8.1.1 | | | 101, 104 | 101, 104 | 101, 104 |
| | | 8.1.2 | | | 101, 105 | 101, 105 | 101, 105 |
| | | 8.2.0 | | | 101, 107 | 101, 107 | 101, 107 |
| | | 8.2.1 | | | 101, 108 | 101, 108 | 101, 108 |
| | | 8.3.0 | | | 101, 109 | 101, 109 | 101, 109 |
| | | 8.3.1 | | | 101, 110 | 101, 110 | 101, 110 |
| | | 8.3.2 | | | 101, 111 | 101, 111 | 101, 111 |
| | | 8.4.0 | | | 101, 112 | 101, 112 | 101, 112 |
| | | 8.4.1 | | | 101, 113 | 101, 113 | 101, 113 |
| | | 9.0.0 | | | 101, 115 | 101, 115 | 101, 115 |
| | 9.0.1 | 101, 116 | 101, 116 | 101, 116 | | | |
| Red Hat Enterprise Linux 5.9 Itanium / IA64 Processors 2.6.18-348.el5 | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.88-10.el5 | | | |
| | RedHat Cluster Suite | 2.0.115-109 | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.88-10.el5 | 101 | 101 | 101 |
| Red Hat Enterprise Linux 5.9 AMD64 and EM64T Processors 2.6.18-348.el5 | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.88-10.el5 | | | |
| | RedHat Cluster Suite | 2.0.115-109 | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.88-10.el5 | 101 | 101 | 101 |
| | Lifekeeper (*114) | 7.5 | No VM - OR - 2.02.88-10.el5 | | 97, 101 | 97, 101 | 97, 101 |
| | | 8 | | | 97, 101 | 97, 101 | 97, 101 |
| | | 8.1.1 | | | 101, 104 | 101, 104 | 101, 104 |
| | | 8.1.2 | | | 101, 105 | 101, 105 | 101, 105 |
| | | 8.2.0 | | | 101, 107 | 101, 107 | 101, 107 |
| | | 8.2.1 | | | 101, 108 | 101, 108 | 101, 108 |
| | | 8.3.0 | | | 101, 109 | 101, 109 | 101, 109 |
| | | 8.3.1 | | | 101, 110 | 101, 110 | 101, 110 |
| | | 8.3.2 | | | 101, 111 | 101, 111 | 101, 111 |
| | | 8.4.0 | | | 101, 112 | 101, 112 | 101, 112 |
| | | 8.4.1 | | | 101, 113 | 101, 113 | 101, 113 |
| | | 9.0.0 | | | 101, 115 | 101, 115 | 101, 115 |
| | 9.0.1 | 101, 116 | 101, 116 | 101, 116 | | | |
| Red Hat Enterprise Linux 5.10 IA32 / x86 Processors 2.6.18-371.el5 2.6.18-371.el5PAE | No Cluster | | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.88-12.el5 | 101 | 101 | 101 |
| | RedHat Cluster Suite | 2.0.115-118 | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.88-12.el5 | 101 | 101 | 101 |
| | Lifekeeper (*114) | 7.5 | No VM - OR - 2.02.88-12.el5 | | 97, 101 | 97, 101 | 97, 101 |
| | | 8 | | | 97, 101 | 97, 101 | 97, 101 |
| | | 8.1.1 | | | 101, 104 | 101, 104 | 101, 104 |
| | | 8.1.2 | | | 101, 105 | 101, 105 | 101, 105 |
| | | 8.2.0 | | | 101, 107 | 101, 107 | 101, 107 |
| | | 8.2.1 | | | 101, 108 | 101, 108 | 101, 108 |
| | | 8.3.0 | | | 101, 109 | 101, 109 | 101, 109 |
| | | 8.3.1 | | | 101, 110 | 101, 110 | 101, 110 |
| | | 8.3.2 | | | 101, 111 | 101, 111 | 101, 111 |
| | | 8.4.0 | | | 101, 112 | 101, 112 | 101, 112 |
| | | 8.4.1 | | | 101, 113 | 101, 113 | 101, 113 |
| | | 9.0.0 | | | 101, 115 | 101, 115 | 101, 115 |
| | 9.0.1 | 101, 116 | 101, 116 | 101, 116 | | | |
| Red Hat Enterprise Linux 5.10 Itanium / IA64 Processors 2.6.18-371.el5 | No Cluster | | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.88-12.el5 | 101 | 101 | 101 |
| | RedHat Cluster Suite | 2.0.115-118 | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.88-12.el5 | 101 | 101 | 101 |
| Red Hat Enterprise Linux 5.10 AMD64 and EM64T Processors 2.6.18-371.el5 | No Cluster | | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.88-12.el5 | 101 | 101 | 101 |
| | RedHat Cluster Suite | 2.0.115-118 | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.88-12.el5 | 101 | 101 | 101 |
| | Lifekeeper (*114) | 7.5 | No VM - OR - 2.02.88-12.el5 | | 97, 101 | 97, 101 | 97, 101 |
| | | 8 | | | 97, 101 | 97, 101 | 97, 101 |
| | | 8.1.1 | | | 101, 104 | 101, 104 | 101, 104 |
| | | 8.1.2 | | | 101, 105 | 101, 105 | 101, 105 |
| | | 8.2.0 | | | 101, 107 | 101, 107 | 101, 107 |
| | | 8.2.1 | | | 101, 108 | 101, 108 | 101, 108 |
| | | 8.3.0 | | | 101, 109 | 101, 109 | 101, 109 |
| | | 8.3.1 | | | 101, 110 | 101, 110 | 101, 110 |
| | | 8.3.2 | | | 101, 111 | 101, 111 | 101, 111 |
| | | 8.4.0 | | | 101, 112 | 101, 112 | 101, 112 |
| | | 8.4.1 | | | 101, 113 | 101, 113 | 101, 113 |
| | | 9.0.0 | | | 101, 115 | 101, 115 | 101, 115 |
| | 9.0.1 | 101, 116 | 101, 116 | 101, 116 | | | |
| Red Hat Enterprise Linux 5.11 IA32 / x86 Processors 2.6.18-398.el5 2.6.18-398.el5PAE | No Cluster | | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.88-13.el5 | 101 | 101 | 101 |
| | RedHat Cluster Suite | 2.0.115-124 | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.88-13.el5 | 101 | 101 | 101 |
| | Lifekeeper (*114) | 7.5 | No VM - OR - 2.02.88-13.el5 | | 97, 101 | 97, 101 | 97, 101 |
| | | 8 | | | 97, 101 | 97, 101 | 97, 101 |
| | | 8.1.1 | | | 101, 104 | 101, 104 | 101, 104 |
| | | 8.1.2 | | | 101, 105 | 101, 105 | 101, 105 |
| | | 8.2.0 | | | 101, 107 | 101, 107 | 101, 107 |
| | | 8.2.1 | | | 101, 108 | 101, 108 | 101, 108 |
| | | 8.3.0 | | | 101, 109 | 101, 109 | 101, 109 |
| | | 8.3.1 | | | 101, 110 | 101, 110 | 101, 110 |
| | | 8.3.2 | | | 101, 111 | 101, 111 | 101, 111 |
| | | 8.4.0 | | | 101, 112 | 101, 112 | 101, 112 |
| | | 8.4.1 | | | 101, 113 | 101, 113 | 101, 113 |
| | | 9.0.0 | | | 101, 115 | 101, 115 | 101, 115 |
| | 9.0.1 | 101, 116 | 101, 116 | 101, 116 | | | |
| Red Hat Enterprise Linux 5.11 Itanium / IA64 Processors 2.6.18-398.el5 | No Cluster | | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.88-13.el5 | 101 | 101 | 101 |
| | RedHat Cluster Suite | 2.0.115-124 | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.88-13.el5 | 101 | 101 | 101 |

| | | | | | | | |
|--|----------------------|-------------|-----------------------------------|----------------|--------------|--------------|--------------|
| Red Hat Enterprise Linux 5.11 AMD64 and EM64T Processors 2.6.18-398.el5 | No Cluster | | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.88-13.el5 | 101 | 101 | 101 |
| | RedHat Cluster Suite | 2.0.115-124 | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.88-13.el5 | 101 | 101 | 101 |
| | Lifekeeper (*114) | 7.5 | No VM - OR - 2.02.88-13.el5 | | 97, 101 | 97, 101 | 97, 101 |
| | | 8 | | | 97, 101 | 97, 101 | 97, 101 |
| | | 8.1.1 | | | 101, 104 | 101, 104 | 101, 104 |
| | | 8.1.2 | | | 101, 105 | 101, 105 | 101, 105 |
| | | 8.2.0 | | | 101, 107 | 101, 107 | 101, 107 |
| | | 8.2.1 | | | 101, 108 | 101, 108 | 101, 108 |
| | | 8.3.0 | | | 101, 109 | 101, 109 | 101, 109 |
| | | 8.3.1 | | | 101, 110 | 101, 110 | 101, 110 |
| | | 8.3.2 | | | 101, 111 | 101, 111 | 101, 111 |
| | | 8.4.0 | | | 101, 112 | 101, 112 | 101, 112 |
| | | 8.4.1 | | | 101, 113 | 101, 113 | 101, 113 |
| | | 9.0.0 | | | 101, 115 | 101, 115 | 101, 115 |
| | | 9.0.1 | | | 101, 116 | 101, 116 | 101, 116 |
| Red Hat Enterprise Linux 6 IA32 / x86 Processors 2.6.32-71.el6.i686 | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.72-8.el6 | 117 | 117 | 117 |
| | RedHat Cluster Suite | | No VM | | | | |
| | | | LVM | 2.02.72-8.el6 | 117 | 117 | 117 |
| | Lifekeeper (*114) | 7.3 | No VM - OR - 2.02.72-8.el6 | | 97, 101,117 | 97, 101,117 | 97, 101,117 |
| | | 7.4 | | | 97, 101,117 | 97, 101,117 | 97, 101,117 |
| | | 7.5 | | | 97, 101,117 | 97, 101,117 | 97, 101,117 |
| | | 8 | | | 97, 101,117 | 97, 101,117 | 97, 101,117 |
| | | 8.1.1 | | | 101, 104,117 | 101, 104,117 | 101, 104,117 |
| | | 8.1.2 | | | 101, 105,117 | 101, 105,117 | 101, 105,117 |
| | | 8.2.0 | | | 101, 107,117 | 101, 107,117 | 101, 107,117 |
| | | 8.2.1 | | | 101, 108,117 | 101, 108,117 | 101, 108,117 |
| | | 8.3.0 | | | 101, 109,117 | 101, 109,117 | 101, 109,117 |
| | | 8.3.1 | | | 101, 110,117 | 101, 110,117 | 101, 110,117 |
| | | 8.3.2 | | | 101, 111,117 | 101, 111,117 | 101, 111,117 |
| | | 8.4.0 | | | 101, 112,117 | 101, 112,117 | 101, 112,117 |
| | | 8.4.1 | | | 101, 113,117 | 101, 113,117 | 101, 113,117 |
| | | 9.0.0 | | | 101, 115,117 | 101, 115,117 | 101, 115,117 |
| | | 9.0.1 | | | 101, 116,117 | 101, 116,117 | 101, 116,117 |
| Red Hat Enterprise Linux 6 AMD64 and EM64T Processors 2.6.32-71.el6.x86_64 | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.72-8.el6 | 117 | 117 | 117 |
| | RedHat Cluster Suite | | No VM | | | | |
| | | | LVM | 2.02.72-8.el6 | 117 | 117 | 117 |
| | Lifekeeper (*114) | 7.3 | No VM - OR - 2.02.72-8.el6 | | 97, 101,117 | 97, 101,117 | 97, 101,117 |
| | | 7.4 | | | 97, 101,117 | 97, 101,117 | 97, 101,117 |
| | | 7.5 | | | 97, 101,117 | 97, 101,117 | 97, 101,117 |
| | | 8 | | | 97, 101,117 | 97, 101,117 | 97, 101,117 |
| | | 8.1.1 | | | 101, 104,117 | 101, 104,117 | 101, 104,117 |
| | | 8.1.2 | | | 101, 105,117 | 101, 105,117 | 101, 105,117 |
| | | 8.2.0 | | | 101, 107,117 | 101, 107,117 | 101, 107,117 |
| | | 8.2.1 | | | 101, 108,117 | 101, 108,117 | 101, 108,117 |
| | | 8.3.0 | | | 101, 109,117 | 101, 109,117 | 101, 109,117 |
| | | 8.3.1 | | | 101, 110,117 | 101, 110,117 | 101, 110,117 |
| | | 8.3.2 | | | 101, 111,117 | 101, 111,117 | 101, 111,117 |
| | | 8.4.0 | | | 101, 112,117 | 101, 112,117 | 101, 112,117 |
| | | 8.4.1 | | | 101, 113,117 | 101, 113,117 | 101, 113,117 |
| | | 9.0.0 | | | 101, 115,117 | 101, 115,117 | 101, 115,117 |
| | | 9.0.1 | | | 101, 116,117 | 101, 116,117 | 101, 116,117 |
| Red Hat Enterprise Linux 6.1 IA32 / x86 Processors 2.6.32-131.0.15.el6.i686 | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.83-3.el6 | 117 | 117 | 117 |
| | RedHat Cluster Suite | | No VM | | | | |
| | | | LVM | 2.02.83-3.el6 | 117 | 117 | 117 |
| | Lifekeeper (*114) | 7.5 | No VM - OR - 2.02.83-3.el6 | | 97, 101,117 | 97, 101,117 | 97, 101,117 |
| | | 8 | | | 97, 101,117 | 97, 101,117 | 97, 101,117 |
| | | 8.1.1 | | | 101, 104,117 | 101, 104,117 | 101, 104,117 |
| | | 8.1.2 | | | 101, 105,117 | 101, 105,117 | 101, 105,117 |
| | | 8.2.0 | | | 101, 107,117 | 101, 107,117 | 101, 107,117 |
| | | 8.2.1 | | | 101, 108,117 | 101, 108,117 | 101, 108,117 |
| | | 8.3.0 | | | 101, 109,117 | 101, 109,117 | 101, 109,117 |
| | | 8.3.1 | | | 101, 110,117 | 101, 110,117 | 101, 110,117 |
| | | 8.3.2 | | | 101, 111,117 | 101, 111,117 | 101, 111,117 |
| | | 8.4.0 | | | 101, 112,117 | 101, 112,117 | 101, 112,117 |
| | | 8.4.1 | | | 101, 113,117 | 101, 113,117 | 101, 113,117 |
| | | 9.0.0 | | | 101, 115,117 | 101, 115,117 | 101, 115,117 |
| | | 9.0.1 | | | 101, 116,117 | 101, 116,117 | 101, 116,117 |
| Red Hat Enterprise Linux 6.1 AMD64 and EM64T Processors 2.6.32-131.0.15.el6.x86_64 | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.83-3.el6 | 117 | 117 | 117 |
| | RedHat Cluster Suite | | No VM | | | | |
| | | | LVM | 2.02.83-3.el6 | 117 | 117 | 117 |
| | Lifekeeper (*114) | 7.5 | No VM - OR - 2.02.83-3.el6 | | 97, 101,117 | 97, 101,117 | 97, 101,117 |
| | | 8 | | | 97, 101,117 | 97, 101,117 | 97, 101,117 |
| | | 8.1.1 | | | 101, 104,117 | 101, 104,117 | 101, 104,117 |
| | | 8.1.2 | | | 101, 105,117 | 101, 105,117 | 101, 105,117 |
| | | 8.2.0 | | | 101, 107,117 | 101, 107,117 | 101, 107,117 |
| | | 8.2.1 | | | 101, 108,117 | 101, 108,117 | 101, 108,117 |
| | | 8.3.0 | | | 101, 109,117 | 101, 109,117 | 101, 109,117 |
| | | 8.3.1 | | | 101, 110,117 | 101, 110,117 | 101, 110,117 |
| | | 8.3.2 | | | 101, 111,117 | 101, 111,117 | 101, 111,117 |
| | | 8.4.0 | | | 101, 112,117 | 101, 112,117 | 101, 112,117 |
| | | 8.4.1 | | | 101, 113,117 | 101, 113,117 | 101, 113,117 |
| | | 9.0.0 | | | 101, 115,117 | 101, 115,117 | 101, 115,117 |
| | | 9.0.1 | | | 101, 116,117 | 101, 116,117 | 101, 116,117 |
| Red Hat Enterprise Linux 6.2 IA32 / x86 Processors 2.6.32-220.el6.i686 | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.87-6.el6 | 117 | 117 | 117 |
| | RedHat Cluster Suite | | No VM | | | | |
| | | | LVM | 2.02.87-6.el6 | 117 | 117 | 117 |
| | Lifekeeper (*114) | 7.5 | No VM - OR - 2.02.87-6.el6 | | 97, 101,117 | 97, 101,117 | 97, 101,117 |
| | | 8 | | | 97, 101,117 | 97, 101,117 | 97, 101,117 |
| | | 8.1.1 | | | 101, 104,117 | 101, 104,117 | 101, 104,117 |
| | | 8.1.2 | | | 101, 105,117 | 101, 105,117 | 101, 105,117 |
| | | 8.2.0 | | | 101, 107,117 | 101, 107,117 | 101, 107,117 |
| | | 8.2.1 | | | 101, 108,117 | 101, 108,117 | 101, 108,117 |
| | | 8.3.0 | | | 101, 109,117 | 101, 109,117 | 101, 109,117 |
| | | 8.3.1 | | | 101, 110,117 | 101, 110,117 | 101, 110,117 |

| | | | | | |
|--|--|-------|--------------|--------------|--------------|
| | | 8.3.2 | 101, 111,117 | 101, 111,117 | 101, 111,117 |
| | | 8.4.0 | 101, 112,117 | 101, 112,117 | 101, 112,117 |
| | | 8.4.1 | 101, 113,117 | 101, 113,117 | 101, 113,117 |
| | | 9.0.0 | 101, 115,117 | 101, 115,117 | 101, 115,117 |
| | | 9.0.1 | 101, 116,117 | 101, 116,117 | 101, 116,117 |

| | | | | | | | |
|---|----------------------|---------|-----------------------------------|----------------|-------------|-------------|-------------|
| Red Hat Enterprise Linux 6.2 AMD64 and EM64T Processors 2.6.32-220.el6.x86_64 | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.87-6.el6 | 117 | 117 | 117 |
| | RedHat Cluster Suite | | No VM | | | | |
| | | | LVM | 2.02.87-6.el6 | 117 | 117 | 117 |
| | Lifekeeper (*114) | 7.5 | No VM - OR - 2.02.87-6.el6 | | 97,101,117 | 97,101,117 | 97,101,117 |
| | | 8 | | | 97,101,117 | 97,101,117 | 97,101,117 |
| | | 8.1.1 | | | 101,104,117 | 101,104,117 | 101,104,117 |
| | | 8.1.2 | | | 101,105,117 | 101,105,117 | 101,105,117 |
| | | 8.2.0 | | | 101,107,117 | 101,107,117 | 101,107,117 |
| | | 8.2.1 | | | 101,108,117 | 101,108,117 | 101,108,117 |
| | | 8.3.0 | | | 101,109,117 | 101,109,117 | 101,109,117 |
| | | 8.3.1 | | | 101,110,117 | 101,110,117 | 101,110,117 |
| | | 8.3.2 | | | 101,111,117 | 101,111,117 | 101,111,117 |
| | | 8.4.0 | | | 101,112,117 | 101,112,117 | 101,112,117 |
| | | 8.4.1 | | | 101,113,117 | 101,113,117 | 101,113,117 |
| | | 9.0.0 | | | 101,115,117 | 101,115,117 | 101,115,117 |
| | | 9.0.1 | | | 101,116,117 | 101,116,117 | 101,116,117 |
| Red Hat Enterprise Linux 6.3 IA32 / x86 Processors 2.6.32-279.el6.i686 | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.95-10.el6 | 117 | 117 | 117 |
| | RedHat Cluster Suite | | No VM | | | | |
| | | | LVM | 2.02.95-10.el6 | 117 | 117 | 117 |
| | Lifekeeper (*114) | 7.5 | No VM - OR - 2.02.95-10.el6 | | 97,101,117 | 97,101,117 | 97,101,117 |
| | | 8 | | | 97,101,117 | 97,101,117 | 97,101,117 |
| | | 8.1.1 | | | 101,104,117 | 101,104,117 | 101,104,117 |
| | | 8.1.2 | | | 101,105,117 | 101,105,117 | 101,105,117 |
| | | 8.2.0 | | | 101,107,117 | 101,107,117 | 101,107,117 |
| | | 8.2.1 | | | 101,108,117 | 101,108,117 | 101,108,117 |
| | | 8.3.0 | | | 101,109,117 | 101,109,117 | 101,109,117 |
| | | 8.3.1 | | | 101,110,117 | 101,110,117 | 101,110,117 |
| | | 8.3.2 | | | 101,111,117 | 101,111,117 | 101,111,117 |
| | | 8.4.0 | | | 101,112,117 | 101,112,117 | 101,112,117 |
| | | 8.4.1 | | | 101,113,117 | 101,113,117 | 101,113,117 |
| | | 9.0.0 | | | 101,115,117 | 101,115,117 | 101,115,117 |
| | | 9.0.1 | | | 101,116,117 | 101,116,117 | 101,116,117 |
| Red Hat Enterprise Linux 6.3 AMD64 and EM64T Processors 2.6.32-279.el6.x86_64 | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.95-10.el6 | 117 | 117 | 117 |
| | RedHat Cluster Suite | | No VM | | | | |
| | | | LVM | 2.02.95-10.el6 | 117 | 117 | 117 |
| | Lifekeeper (*114) | 7.5 | No VM - OR - 2.02.95-10.el6 | | 97,101,117 | 97,101,117 | 97,101,117 |
| | | 8 | | | 97,101,117 | 97,101,117 | 97,101,117 |
| | | 8.1.1 | | | 101,104,117 | 101,104,117 | 101,104,117 |
| | | 8.1.2 | | | 101,105,117 | 101,105,117 | 101,105,117 |
| | | 8.2.0 | | | 101,107,117 | 101,107,117 | 101,107,117 |
| | | 8.2.1 | | | 101,108,117 | 101,108,117 | 101,108,117 |
| | | 8.3.0 | | | 101,109,117 | 101,109,117 | 101,109,117 |
| | | 8.3.1 | | | 101,110,117 | 101,110,117 | 101,110,117 |
| | | 8.3.2 | | | 101,111,117 | 101,111,117 | 101,111,117 |
| | | 8.4.0 | | | 101,112,117 | 101,112,117 | 101,112,117 |
| | | 8.4.1 | | | 101,113,117 | 101,113,117 | 101,113,117 |
| | | 9.0.0 | | | 101,115,117 | 101,115,117 | 101,115,117 |
| | | 9.0.1 | | | 101,116,117 | 101,116,117 | 101,116,117 |
| | GPFS | 3.5.0.9 | No VM | | 101,106 | 101,106 | 101,106 |
| Red Hat Enterprise Linux 6.4 IA32 / x86 Processors 2.6.32-356.el6.i686 | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.98-9.el6 | 117 | 117 | 117 |
| | RedHat Cluster Suite | | No VM | | | | |
| | | | LVM | 2.02.98-9.el6 | 117 | 117 | 117 |
| | Lifekeeper (*114) | 8.1.2 | No VM - OR - 2.02.98-9.el6 | | 101,105,117 | 101,105,117 | 101,105,117 |
| | | 8.2.0 | | | 101,107,117 | 101,107,117 | 101,107,117 |
| | | 8.2.1 | | | 101,108,117 | 101,108,117 | 101,108,117 |
| | | 8.3.0 | | | 101,109,117 | 101,109,117 | 101,109,117 |
| | | 8.3.1 | | | 101,110,117 | 101,110,117 | 101,110,117 |
| | | 8.3.2 | | | 101,111,117 | 101,111,117 | 101,111,117 |
| | | 8.4.0 | | | 101,112,117 | 101,112,117 | 101,112,117 |
| | | 8.4.1 | | | 101,113,117 | 101,113,117 | 101,113,117 |
| | | 9.0.0 | | | 101,115,117 | 101,115,117 | 101,115,117 |
| | | 9.0.1 | | | 101,116,117 | 101,116,117 | 101,116,117 |

| | | | | | | | |
|---|----------------------|---------|-----------------------------------|-----------------|--------------|--------------|--------------|
| Red Hat Enterprise Linux 6.4 AMD64 and EM64T Processors 2.6.32-358.el6.x86_64 | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.98-9.el6 | 117 | 117 | 117 |
| | RedHat Cluster Suite | | No VM | | | | |
| | | | LVM | 2.02.98-9.el6 | 117 | 117 | 117 |
| | Lifekeeper (*114) | 8.1.2 | No VM - OR - 2.02.98-9.el6 | | 101, 105,117 | 101, 105,117 | 101, 105,117 |
| | | 8.2.0 | | | 101, 107,117 | 101, 107,117 | 101, 107,117 |
| | | 8.2.1 | | | 101, 108,117 | 101, 108,117 | 101, 108,117 |
| | | 8.3.0 | | | 101, 109,117 | 101, 109,117 | 101, 109,117 |
| | | 8.3.1 | | | 101, 110,117 | 101, 110,117 | 101, 110,117 |
| | | 8.3.2 | | | 101, 111,117 | 101, 111,117 | 101, 111,117 |
| | | 8.4.0 | | | 101, 112,117 | 101, 112,117 | 101, 112,117 |
| | | 8.4.1 | | | 101, 113,117 | 101, 113,117 | 101, 113,117 |
| | | 9.0.0 | | | 101, 115,117 | 101, 115,117 | 101, 115,117 |
| | | 9.0.1 | | | 101, 116,117 | 101, 116,117 | 101, 116,117 |
| Red Hat Enterprise Linux 6.5 IA32 / x86 Processors 2.6.32-431.el6.i686 | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.100-8.el6 | 117 | 117 | 117 |
| | RedHat Cluster Suite | | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.100-8.el6 | 101,117 | 101,117 | 101,117 |
| | Lifekeeper (*114) | 8.2.1 | No VM - OR - 2.02.100-8.el6 | | 101, 108,117 | 101, 108,117 | 101, 108,117 |
| | | 8.3.0 | | | 101, 109,117 | 101, 109,117 | 101, 109,117 |
| | | 8.3.1 | | | 101, 110,117 | 101, 110,117 | 101, 110,117 |
| | | 8.3.2 | | | 101, 111,117 | 101, 111,117 | 101, 111,117 |
| | | 8.4.0 | | | 101, 112,117 | 101, 112,117 | 101, 112,117 |
| | | 8.4.1 | | | 101, 113,117 | 101, 113,117 | 101, 113,117 |
| | | 9.0.0 | | | 101, 115,117 | 101, 115,117 | 101, 115,117 |
| | | 9.0.1 | | | 101, 116,117 | 101, 116,117 | 101, 116,117 |
| Red Hat Enterprise Linux 6.5 AMD64 and EM64T Processors 2.6.32-431.el6.x86_64 | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.100-8.el6 | 117 | 117 | 117 |
| | RedHat Cluster Suite | | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.100-8.el6 | 101,117 | 101,117 | 101,117 |
| | Lifekeeper (*114) | 8.2.1 | No VM - OR - 2.02.100-8.el6 | | 101, 108,117 | 101, 108,117 | 101, 108,117 |
| | | 8.3.0 | | | 101, 109,117 | 101, 109,117 | 101, 109,117 |
| | | 8.3.1 | | | 101, 110,117 | 101, 110,117 | 101, 110,117 |
| | | 8.3.2 | | | 101, 111,117 | 101, 111,117 | 101, 111,117 |
| | | 8.4.0 | | | 101, 112,117 | 101, 112,117 | 101, 112,117 |
| | | 8.4.1 | | | 101, 113,117 | 101, 113,117 | 101, 113,117 |
| | | 9.0.0 | | | 101, 115,117 | 101, 115,117 | 101, 115,117 |
| | | 9.0.1 | | | 101, 116,117 | 101, 116,117 | 101, 116,117 |
| Red Hat Enterprise Linux 6.6 IA32 / x86 Processors 2.6.32-504.el6.i686 | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.111-2.el6 | 117 | 117 | 117 |
| | RedHat Cluster Suite | | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.111-2.el6 | 101,117 | 101,117 | 101,117 |
| | Lifekeeper (*114) | 8.3.2 | No VM - OR - 2.02.111-2.el6 | | 101, 111,117 | 101, 111,117 | 101, 111,117 |
| | | 8.4.0 | | | 101, 112,117 | 101, 112,117 | 101, 112,117 |
| | | 8.4.1 | | | 101, 113,117 | 101, 113,117 | 101, 113,117 |
| | | 9.0.0 | | | 101, 115,117 | 101, 115,117 | 101, 115,117 |
| | | 9.0.1 | | | 101, 116,117 | 101, 116,117 | 101, 116,117 |
| | | | | | | | |
| Red Hat Enterprise Linux 6.6 AMD64 and EM64T Processors 2.6.32-504.el6.x86_64 | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.111-2.el6 | 117 | 117 | 117 |
| | RedHat Cluster Suite | | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.111-2.el6 | 101,117 | 101,117 | 101,117 |
| | Lifekeeper (*114) | 8.3.2 | No VM - OR - 2.02.111-2.el6 | | 101, 111,117 | 101, 111,117 | 101, 111,117 |
| | | 8.4.0 | | | 101, 112,117 | 101, 112,117 | 101, 112,117 |
| | | 8.4.1 | | | 101, 113,117 | 101, 113,117 | 101, 113,117 |
| | | 9.0.0 | | | 101, 115,117 | 101, 115,117 | 101, 115,117 |
| | | 9.0.1 | | | 101, 116,117 | 101, 116,117 | 101, 116,117 |
| | | | | | | | |
| Red Hat Enterprise Linux 6.7 IA32 / x86 Processors Kernel 2.6.32-573.el6.i686 | No Cluster | | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.118-2.el6 | 101,117 | 101,117 | 101,117 |
| | RedHat Cluster Suite | | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.118-2.el6 | 101,117 | 101,117 | 101,117 |
| Red Hat Enterprise Linux 6.7 X64 / x86_64 Processors Kernel 2.6.32-573.el6.x86_64 | No Cluster | | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.118-2.el6 | 101,117 | 101,117 | 101,117 |
| | RedHat Cluster Suite | | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.118-2.el6 | 101,117 | 101,117 | 101,117 |
| Red Hat Enterprise Linux 7 AMD64 and EM64T Processors 3.10.0-123.el7.x86_64 | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.105-14.el7 | | | |
| | RedHat Cluster Suite | | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.105-14.el7 | 101 | 101 | 101 |
| Red Hat Enterprise Linux 7.1 AMD64 and EM64T Processors 3.10.0-229.el7.x86_64 | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.115-3.el7 | | | |
| | RedHat Cluster Suite | | No VM | | | | |
| | | | LVM | 2.02.115-3.el7 | | | |
| Red Hat Enterprise Linux 7.2 AMD64 and EM64T Processors 3.10.0-327.el7.x86_64 | No Cluster | | No VM | | | | 101 |
| | | | LVM | 2.02.130-3.el7 | | | 101 |
| | RedHat Cluster Suite | | No VM | | | | |
| | | | LVM | 2.02.130-3.el7 | | | |
| SUSE Linux Enterprise Server 9 (Service Pack 3) IA32 / x86 Processors 2.6.5-7.244-defaults 2.6.5-7.244-smp 2.6.5-7.244-bigsmpp | No Cluster | | No VM | | | | |
| | | | LVM | 2.01.14-3.6 | | | |
| | VCS | 5.0 MP2 | No VM | | | | |
| | | | | | | | |
| SUSE Linux Enterprise Server 9 (Service Pack 3) AMD64 and EM64T Processors 2.6.5-7.244-defaults 2.6.5-7.244-smp | No Cluster | | No VM | | | | |
| | | | LVM | 2.01.14-3.6 | | | |
| | No Cluster | | No VM | | | | |
| | | | LVM | 2.00.15-0.8 | | | |
| SUSE Linux Enterprise Server 9 (Service Pack 3 Errata) AMD64 and EM64T Processors 2.6.5-7.252-defaults 2.6.5-7.252-smp | No Cluster | | No VM | | | | |
| | | | LVM | 2.00.14-3.6 | | | |
| | No Cluster | | No VM | | | | |
| | | | LVM | 2.01.14-3.6 | | | |
| SUSE Linux Enterprise Server 9 (Service Pack 3 Errata) AMD64 / EM64T Processors 2.6.5-7.263-defaults | No Cluster | | No VM | | | | |
| | | | LVM | 2.01.14-3.6 | | | |
| | No Cluster | | | | | | |
| | | | | | | | |

| | | | | |
|--|---|----------------------|--------------|--------------|
| SUSE Linux Enterprise Server 9 (Service Pack 4) IA32 / x86 Processors 2.6.5-7.308-default 2.6.5-7.308-smp 2.6.5-7.308-bigmp | No Cluster | | No VM | |
| | | | LVM | 2.01.14-3.23 |
| | Heartbeat | 1.2.5-0.3 | No VM | |
| SUSE Linux Enterprise Server 9 (Service Pack 4) IA64 / Itanium Processors 2.6.5-7.308-default 2.6.5-7.308-64k-pagesize | No Cluster | | No VM | |
| | | | LVM | 2.01.14-3.23 |
| | Heartbeat | 1.2.5-0.3 | No VM | |
| SUSE Linux Enterprise Server 9 (Service Pack 4) AMD / EM64T Processors 2.6.5-7.308-default 2.6.5-7.308-smp | No Cluster | | No VM | |
| | | | LVM | 2.01.14-3.23 |
| | Heartbeat | 1.2.5-0.3 | No VM | |
| SUSE Linux Enterprise Server 9 (Service Pack 4 + Security Fix) IA32 / x86 Processors 2.6.5-7.315-default 2.6.5-7.315-smp 2.6.5-7.315-bigmp | No Cluster | | No VM | |
| | | | LVM | 2.01.14-3.23 |
| | Heartbeat | 1.2.5-0.3 | No VM | |
| SUSE Linux Enterprise Server 9 (Service Pack 4 + Security Fix) AMD / EM64T Processors 2.6.5-7.315-default 2.6.5-7.315-smp | No Cluster | | No VM | |
| | | | LVM | 2.01.14-3.23 |
| | Heartbeat | 1.2.5-0.3 | No VM | |
| SUSE Linux Enterprise Server 10 IA32 / x86 Processors 2.6.16.21-0.8-default 2.6.16.21-0.8-smp 2.6.16.21-0.8-bigmp | No Cluster | | No VM | |
| | | | LVM | 2.02.02-11.2 |
| | SUSE Linux Enterprise Server 10 (Security Fix) IA32 / x86 Processors 2.6.16.27-0.9-default 2.6.16.27-0.9-smp 2.6.16.27-0.9-bigmp | No Cluster | | No VM |
| | | LVM | 2.02.02-11.2 | |
| SUSE Linux Enterprise Server 10 AMD64 and EM64T Processors 2.6.16.21-0.8-default 2.6.16.21-0.8-smp | | No Cluster | | No VM |
| | | | LVM | 2.02.02-11.2 |
| | SUSE Linux Enterprise Server 10 (Security Fix) AMD64 and EM64T Processors 2.6.16.27-0.9-default 2.6.16.27-0.9-smp | No Cluster | | No VM |
| | | LVM | 2.02.02-11.2 | |
| SUSE Linux Enterprise Server 10 Itanium / IA64 Processors 2.6.16.21-0.8-default | | No Cluster | | No VM |
| | | | LVM | 2.02.02-11.2 |
| | SUSE Linux Enterprise Server 10 (Security Fix) Itanium / IA64 Processors 2.6.16.27-0.9-default | No Cluster | | No VM |
| | | LVM | 2.02.02-11.2 | |
| SUSE Linux Enterprise Server 10 (Service Pack 1) IA32 / x86 Processors 2.6.16.46-0.14-default 2.6.16.46-0.14-smp 2.6.16.46-0.14-bigmp | | No Cluster | | No VM |
| | | | LVM | 2.02.17-7.9 |
| | Heartbeat | Bundle 2.0.8-0.19 | No VM | |
| | | | LVM | 2.02.17-7.9 |
| SUSE Linux Enterprise Server 10 (Service Pack 1) Itanium / IA64 Processors 2.6.16.46-0.14-default | No Cluster | | No VM | |
| | | | LVM | 2.02.17-7.9 |
| | Heartbeat | Bundle 2.0.8-0.19 | No VM | |
| | | | LVM | 2.02.17-7.9 |
| SUSE Linux Enterprise Server 10 (Service Pack 2) IA32 / x86 Processors 2.6.16.60-0.21-default 2.6.16.60-0.21-smp 2.6.16.60-0.21-bigmp | No Cluster | | No VM | |
| | | | LVM | 2.02.17-7.19 |
| | Heartbeat | Bundle 2.1.3-0.9 | No VM | |
| | | | LVM | 2.02.17-7.19 |
| Novell Open ES 2 | SP1 | No VM | | |
| SUSE Linux Enterprise Server 10 (Service Pack 2) IA32 / x86 Processors 2.6.16.60-0.21-xenpae | No Cluster | | No VM | |
| | | | LVM | 2.02.17-7.19 |
| | Heartbeat | Bundle 2.1.3-0.9 | No VM | |
| | | | LVM | 2.02.17-7.19 |
| SUSE Linux Enterprise Server 10 (Service Pack 2 + Security Fix) IA32 / x86 Processors 2.6.16.60-0.29-default 2.6.16.60-0.29-smp 2.6.16.60-0.29-bigmp | No Cluster | | No VM | |
| | | | LVM | 2.02.17-7.19 |
| | Heartbeat | Bundle 2.1.3-0.9 | No VM | |
| | | | LVM | 2.02.17-7.19 |
| Novell Open ES 2 | SP1 | No VM | | |
| SUSE Linux Enterprise Server 10 (Service Pack 2) Itanium / IA64 Processors 2.6.16.60-0.21-default | No Cluster | | No VM | |
| | | | LVM | 2.02.17-7.19 |
| | Heartbeat | Bundle 2.1.3-0.9 | No VM | |
| | | | LVM | 2.02.17-7.19 |
| SUSE Linux Enterprise Server 10 (Service Pack 2) AMD64 and EM64T Processors 2.6.16.60-0.21-default 2.6.16.60-0.21-smp | No Cluster | | No VM | |
| | | | LVM | 2.02.17-7.19 |
| | Heartbeat | Bundle 2.1.3-0.9 | No VM | |
| | | | LVM | 2.02.17-7.19 |
| Novell Open ES 2 | SP1 | No VM | | |
| SUSE Linux Enterprise Server 10 (Service Pack 2 + Security Fix) IA32 / x86 Processors 2.6.16.60-0.42.5-default 2.6.16.60-0.42.5-smp 2.6.16.60-0.42.5-bigmp 2.6.16.60-0.42.5-xenpae | No Cluster | | No VM | |
| | | | LVM | 2.02.17-7.19 |
| | Heartbeat | Bundle 2.1.3-0.9 | No VM | |
| | | | LVM | 2.02.17-7.19 |
| SUSE Linux Enterprise Server 10 (Service Pack 2 + Security Fix) Itanium / IA64 Processors 2.6.16.60-0.42.5-default | No Cluster | | No VM | |
| | | | LVM | 2.02.17-7.19 |
| | Heartbeat | Bundle 2.1.3-0.9 | No VM | |
| | | | LVM | 2.02.17-7.19 |
| SUSE Linux Enterprise Server 10 (Service Pack 2 + Security Fix) AMD64 and EM64T Processors 2.6.16.60-0.42.5-default 2.6.16.60-0.42.5-smp 2.6.16.60-0.42.5-xen | No Cluster | | No VM | |
| | | | LVM | 2.02.17-7.19 |
| | Heartbeat | Bundle 2.1.3-0.9 | No VM | |
| | | | LVM | 2.02.17-7.19 |

| | | | | | | | | | | |
|---|------------|------------------------|-------|-----------------|--|--|--|----|----|----|
| SUSE Linux Enterprise Server 10 (Service Pack 3) IA32 / x86 Processors 2.6.16.60-0.54.5-default 2.6.16.60-0.54.5-smp 2.6.16.60-0.54.5-bigsm 2.6.16.60-0.54.5-xenpae | No Cluster | | No VM | | | | | | | |
| | | | LVM | 2.02.17-27.8 | | | | | | |
| | Heartbeat | Bundle 2.1.4-0.15.3 | No VM | | | | | | | |
| | | | LVM | 2.02.17-27.8 | | | | | | |
| SUSE Linux Enterprise Server 10 (Service Pack 3) Itanium / IA64 Processors 2.6.16.60-0.54.5-default | No Cluster | | No VM | | | | | | | |
| | | | LVM | 2.02.17-27.8 | | | | | | |
| | Heartbeat | Bundle 2.1.4-0.15.3 | No VM | | | | | | | |
| | | | LVM | 2.02.17-27.8 | | | | | | |
| SUSE Linux Enterprise Server 10 (Service Pack 3) AMD64 / EM64T Processors 2.6.16.60-0.54.5-default 2.6.16.60-0.54.5-smp 2.6.16.60-0.54.5-xen | No Cluster | | No VM | | | | | | | |
| | | | LVM | 2.02.17-27.8 | | | | | | |
| | Heartbeat | Bundle 2.1.4-0.15.3 | No VM | | | | | | | |
| | | | LVM | 2.02.17-27.8 | | | | | | |
| SUSE Linux Enterprise Server 10 (Service Pack 4) IA32 / x86 Processors 2.6.16.60-0.85.1-default 2.6.16.60-0.85.1-smp 2.6.16.60-0.85.1-bigsm 2.6.16.60-0.85.1-xenpae | No Cluster | | No VM | | | | | | | |
| | | | LVM | 2.02.17-7.30.1 | | | | | | |
| | Heartbeat | Bundle 2.1.4-0.24.9 | No VM | | | | | 93 | 93 | 93 |
| | | | LVM | 2.02.17-7.30.1 | | | | 93 | 93 | 93 |
| SUSE Linux Enterprise Server 10 (Service Pack 4) Itanium / IA64 Processors 2.6.16.60-0.85.1-default | No Cluster | | No VM | | | | | | | |
| | | | LVM | 2.02.17-7.30.1 | | | | | | |
| | Heartbeat | Bundle 2.1.4-0.24.9 | No VM | | | | | 93 | 93 | 93 |
| | | | LVM | 2.02.17-7.30.1 | | | | 93 | 93 | 93 |
| SUSE Linux Enterprise Server 10 (Service Pack 4) AMD64 / EM64T Processors 2.6.16.60-0.85.1-default 2.6.16.60-0.85.1-smp 2.6.16.60-0.85.1-xen | No Cluster | | No VM | | | | | | | |
| | | | LVM | 2.02.17-7.30.1 | | | | | | |
| | Heartbeat | Bundle 2.1.4-0.24.9 | No VM | | | | | 93 | 93 | 93 |
| | | | LVM | 2.02.17-7.30.1 | | | | 93 | 93 | 93 |
| SUSE Linux Enterprise Server 11 (Security Fix) IA32 / x86 Processors 2.6.27.21-0.1.2-default 2.6.27.21-0.1.2-pae 2.6.27.21-0.1.2-xen | No Cluster | | No VM | | | | | | | |
| | | | LVM | 2.02.39-17.3 | | | | | | |
| SUSE Linux Enterprise Server 11 (Security Fix) Itanium / IA64 Processors 2.6.27.21-0.1.2-default | No Cluster | | No VM | | | | | | | |
| | | | LVM | 2.02.39-17.3 | | | | | | |
| SUSE Linux Enterprise Server 11 (Security Fix) AMD64 / EM64T Processors 2.6.27.21-0.1.2-default 2.6.27.21-0.1.2-xen | No Cluster | | No VM | | | | | | | |
| | | | LVM | 2.02.39-17.3 | | | | | | |
| SUSE Linux Enterprise Server 11 (Service Pack 1) IA32 / x86 Processors 2.6.32.12-0.7.1-default 2.6.32.12-0.7.1-pae 2.6.32.12-0.7.1-xen | No Cluster | | No VM | | | | | | | |
| | | | LVM | 2.02.39-18.26.1 | | | | | | |
| SUSE Linux Enterprise Server 11 (Service Pack 1) Itanium / IA64 Processors 2.6.32.12-0.7.1-default | No Cluster | | No VM | | | | | | | |
| | | | LVM | 2.02.39-18.26.1 | | | | | | |
| SUSE Linux Enterprise Server 11 (Service Pack 1) AMD64 / EM64T Processors 2.6.32.12-0.7.1-default 2.6.32.12-0.7.1-xen | No Cluster | | No VM | | | | | | | |
| | | | LVM | 2.02.39-18.26.1 | | | | | | |

| | | | | | | | |
|--|------------|----------|-------|-------------------|----------|----------|----------|
| SUSE Linux Enterprise Server 11 (Service Pack 2) IA32 / x86 Processors 3.0.13-0.27-default 3.0.13-0.27-pae | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.84-3.25.5 | | | |
| SUSE Linux Enterprise Server 11 (Service Pack 2) Itanium / IA64 Processors 3.0.13-0.27-default | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.84-3.25.5 | | | |
| SUSE Linux Enterprise Server 11 (Service Pack 2) AMD64 / EM64T Processors 3.0.13-0.27-default | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.84-3.25.5 | | | |
| SUSE Linux Enterprise Server 11 (Service Pack 3) IA32 / x86 Processors 3.0.76-0.11-default 3.0.76-0.11-pae | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.98-0.25.3 | | | |
| SUSE Linux Enterprise Server 11 (Service Pack 3) Itanium / IA64 Processors 3.0.76-0.11-default | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.98-0.25.3 | | | |
| SUSE Linux Enterprise Server 11 (Service Pack 3) AMD64 / EM64T Processors 3.0.76-0.11-default | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.98-0.25.3 | | | |
| | GPFS | 3.4.0.28 | No VM | | 101, 106 | 101, 106 | 101, 106 |
| | | | | | | | |
| SUSE Linux Enterprise Server 11 (Service Pack 3) AMD64 / EM64T Processors 3.0.76-0.11-xen | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.98-0.25.3 | | | |
| | GPFS | 3.4.0.28 | No VM | | 101, 106 | 101, 106 | 101, 106 |
| | | | | | | | |
| SUSE Linux Enterprise Server 11 (Service Pack 4) IA32 / x86 Processors 3.0.101-63.1-default 3.0.101-63.1-pae | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.98-0.33.1 | | | |
| SUSE Linux Enterprise Server 11 (Service Pack 4) Itanium / IA64 Processors 3.0.101-63.1-default | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.98-0.33.1 | | | |
| SUSE Linux Enterprise Server 11 (Service Pack 4) AMD64 / EM64T Processors 3.0.101-63.1-default | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.98-0.33.1 | | | |
| SUSE Linux Enterprise Server 11 (Service Pack 4) AMD64 / EM64T Processors 3.0.101-63.1-xen | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.98-0.33.1 | | | |
| SUSE Linux Enterprise Server 12 AMD64 / EM64T Processors 3.12.28-4-default | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.98-48.8 | | | |
| SUSE Linux Enterprise Server 12 AMD64 / EM64T Processors 3.12.28-4-xen | No Cluster | | No VM | | | | |
| | | | LVM | 2.02.98-48.8 | | | |
| Oracle Unbreakable Enterprise Kernel 5.6 x64 / x86_64 Processors 2.6.32-100.26.2.el5 | No Cluster | | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.74-5.el5 | 101 | 101 | 101 |
| Oracle Unbreakable Enterprise Kernel 5.7 IA32 / x86 Processors 2.6.32-200.13.1.el5uek | No Cluster | | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.84-6.0.1.el5 | 101 | 101 | 101 |
| Oracle Unbreakable Enterprise Kernel 5.7 IA32 / x86 Processors 2.6.32-300.27.1.el5uek | No Cluster | | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.84-6.0.1.el5 | 101 | 101 | 101 |
| Oracle Unbreakable Enterprise Kernel 5.7 x64 / x86_64 Processors 2.6.32-200.13.1.el5uek | No Cluster | | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.84-6.0.1.el5 | 101 | 101 | 101 |
| Oracle Unbreakable Enterprise Kernel 5.7 x64 / x86_64 Processors 2.6.32-300.27.1.el5uek | No Cluster | | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.84-6.0.1.el5 | 101 | 101 | 101 |
| Oracle Unbreakable Enterprise Kernel 5.8 IA32 / x86 Processors 2.6.32-300.39.2.el5uek | No Cluster | | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.88-7.0.1.el5 | 101 | 101 | 101 |
| Oracle Unbreakable Enterprise Kernel 5.8 x64 / x86_64 Processors 2.6.32-300.39.2.el5uek | No Cluster | | No VM | | 101 | 101 | 101 |
| | | | LVM | 2.02.88-7.0.1.el5 | 101 | 101 | 101 |

| | | | | | | |
|---|------------|-------|-----------------|---------|---------|---------|
| Oracle Unbreakable Enterprise Kernel 6.2 X64 / x86_64 Processors Kernel 2.6.39-200.29.1.el6uek.x86_64 | No Cluster | No VM | | 101 | 101 | 101 |
| | | LVM | 2.02.87-6.el6 | 101,117 | 101,117 | 101,117 |
| Oracle Unbreakable Enterprise Kernel 6.2 X64 / x86_64 Processors Kernel 2.6.39-200.29.2.el6uek.x86_64 | No Cluster | No VM | | 101 | 101 | 101 |
| | | LVM | 2.02.87-6.el6 | 101,117 | 101,117 | 101,117 |
| Oracle Unbreakable Enterprise Kernel 6.2 IA32 / x86 Processors Kernel 2.6.39-200.29.1.el6uek.i686 | No Cluster | No VM | | 101 | 101 | 101 |
| | | LVM | 2.02.87-6.el6 | 101,117 | 101,117 | 101,117 |
| Oracle Unbreakable Enterprise Kernel 6.2 IA32 / x86 Processors Kernel 2.6.39-200.29.2.el6uek.i686 | No Cluster | No VM | | 101 | 101 | 101 |
| | | LVM | 2.02.87-6.el6 | 101,117 | 101,117 | 101,117 |
| Oracle Unbreakable Enterprise Kernel 6.3 IA32 / x86 Processors Kernel 2.6.39-200.24.1.el6uek.i686 | No Cluster | No VM | | 101 | 101 | 101 |
| | | LVM | 2.02.95-10.el6 | 101,117 | 101,117 | 101,117 |
| Oracle Unbreakable Enterprise Kernel 6.3 X64 / x86_64 Processors Kernel 2.6.39-200.24.1.el6uek.x86_64 | No Cluster | No VM | | 101 | 101 | 101 |
| | | LVM | 2.02.95-10.el6 | 101,117 | 101,117 | 101,117 |
| Oracle Unbreakable Enterprise Kernel 6.4 (Security Fix) IA32 / x86 Processors Kernel 2.6.39-400.211.1.el6uek.i686 | No Cluster | No VM | | 101 | 101 | 101 |
| | | LVM | 2.02.98-9.el6 | 101,117 | 101,117 | 101,117 |
| Oracle Unbreakable Enterprise Kernel 6.4 (Security Fix) X64 / x86_64 Processors Kernel 2.6.39-400.211.1.el6uek.x86_64 | No Cluster | No VM | | 101 | 101 | 101 |
| | | LVM | 2.02.98-9.el6 | 101,117 | 101,117 | 101,117 |
| Oracle Unbreakable Enterprise Kernel 6.5 IA32 / x86 Processors Kernel 2.6.39-400.211.1.el6uek.i686 | No Cluster | No VM | | 101 | 101 | 101 |
| | | LVM | 2.02.100-8.el6 | 101,117 | 101,117 | 101,117 |
| Oracle Unbreakable Enterprise Kernel 6.5 X64 / x86_64 Processors Kernel 3.8.13-16.2.1.el6uek.x86_64 | No Cluster | No VM | | 101 | 101 | 101 |
| | | LVM | 2.02.100-8.el6 | 101,117 | 101,117 | 101,117 |
| Oracle Unbreakable Enterprise Kernel 6.5 (Security Fix) X64 / x86_64 Processors Kernel 3.8.13-44.el6uek.x86_64 | No Cluster | No VM | | 101 | 101 | 101 |
| | | LVM | 2.02.100-8.el6 | 101,117 | 101,117 | 101,117 |
| Oracle Unbreakable Enterprise Kernel 6.6 X64 / x86_64 Processors Kernel 3.8.13-44.1.1.el6uek.x86_64 | No Cluster | No VM | | 101 | 101 | 101 |
| | | LVM | 2.02.100-8.el6 | 101,117 | 101,117 | 101,117 |
| Oracle Unbreakable Enterprise Kernel 6.6 (Security Fix) X64 / x86_64 Processors Kernel 3.8.13-68.el6uek.x86_64 | No Cluster | No VM | | 101 | 101 | 101 |
| | | LVM | 2.02.100-8.el6 | 101,117 | 101,117 | 101,117 |
| Oracle Unbreakable Enterprise Kernel 6.6 (Security Fix) X64 / x86_64 Processors Kernel 3.8.13-68.1.3.el6uek.x86_64 | No Cluster | No VM | | 101 | 101 | 101 |
| | | LVM | 2.02.100-8.el6 | 101,117 | 101,117 | 101,117 |
| Oracle Unbreakable Enterprise Kernel 6.7 X64 / x86_64 Processors Kernel 3.8.13-68.3.4.el6uek.x86_64 | No Cluster | No VM | | 101 | 101 | 101 |
| | | LVM | 2.02.118-2.el6 | 101,117 | 101,117 | 101,117 |
| Oracle Unbreakable Enterprise Kernel 7 X64 / x86_64 Processors Kernel 3.8.13-44.el7uek.x86_64 | No Cluster | No VM | | 101 | 101 | 101 |
| | | LVM | 2.02.105-14.el7 | 101 | 101 | 101 |
| Oracle Unbreakable Enterprise Kernel 7.1 X64 / x86_64 Processors Kernel 3.8.13-55.1.6.el7uek.x86_64 | No Cluster | No VM | | 101 | 101 | 101 |
| | | LVM | 2.02.105-14.el7 | 101 | 101 | 101 |
| Oracle Unbreakable Enterprise Kernel 7.1 (Security Fix) X64 / x86_64 Processors Kernel 3.8.13-66.el7uek.x86_64 | No Cluster | No VM | | 101 | 101 | 101 |
| | | LVM | 2.02.105-14.el7 | 101 | 101 | 101 |
| Oracle Unbreakable Enterprise Kernel 7.1 (Security Fix) X64 / x86_64 Processors Kernel 3.8.13-68.2.2.el7uek.x86_64 | No Cluster | No VM | | 101 | 101 | 101 |
| | | LVM | 2.02.105-14.el7 | 101 | 101 | 101 |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

Supported Oracle 9i RAC Configurations

| Operating System | Oracle Version | Cluster | Volume Manager | HDLM Version | | |
|--|----------------|-------------|----------------|--------------|-------|-------|
| | | | | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows Server 2003 (x86) Standard Edition Enterprise Edition Datacenter Edition | 9.2.0.4.0 | OCM(Bundle) | Raw | | | |
| Windows Server 2003 (x86) R2 Standard Edition R2 Enterprise Edition R2 Datacenter Edition | 9.2.0.7.0 | OCM(Bundle) | Raw | | | |
| | 9.2.0.8.0 | OCM(Bundle) | Raw | | | |

| Operating System | Oracle Version | Cluster | Volume Manager | HDLM Version | | |
|---------------------------|----------------|------------------------|----------------|--------------|-------|-------|
| | | | | 8.2.0 | 8.2.1 | 8.4.0 |
| Solaris 10 (SPARC 64 Bit) | 9.2.0.8.0 | SunCluster 3.1 (08/05) | Raw | | | |

| Operating System | Oracle Version | Cluster | Volume Manager | HDLM Version | | |
|--|----------------------|--------------|----------------|--------------|-------|-------|
| | | | | 8.2.0 | 8.2.1 | 8.4.0 |
| Red Hat AS/ES 3 (IA32 / x86) Update3 2.4.21-20.EL 2.4.21-20.ELsmp 2.4.21-20.ELhugemem | 9.2.0 (Release2) | OCM (Bundle) | Raw | | | |
| Red Hat AS/ES 3 (IA32 / x86) Update5 + Security Fix 2.4.21-32.0.1.EL 2.4.21-32.0.1.ELsmp 2.4.21-32.0.1.ELhugemem | 9.2.0.5.0 (Release2) | OCM (Bundle) | OCFS 1.0.14-1 | | | |
| Red Hat AS/ES 4 (IA32 / x86) Update1 2.6.9-11.EL 2.6.9-11.ELsmp 2.6.9-11.ELhugemem | 9.2.0.8.0 (Release2) | OCM (Bundle) | Raw | | | |
| Red Hat AS/ES 4 (IA32 / x86) Update3 2.6.9-34.EL 2.6.9-34.ELsmp 2.6.9-34.ELhugemem | 9.2.0.8.0 (Release2) | OCM (Bundle) | Raw | | | |
| Red Hat AS/ES 4 (IA32 / x86) Update4 2.6.9-42.EL 2.6.9-42.ELsmp 2.6.9-42.ELhugemem | 9.2.0.8.0 (Release2) | OCM (Bundle) | Raw | | | |
| SuSE 9 (x64 / x86_64) SP2 2.6.5-7.191-default 2.6.5-7.191-smp | 9.2.0.8.0 (Release2) | OCM (Bundle) | Raw | | | |
| SuSE 9 (x64 / x86_64) SP3 2.6.5-7.244-default 2.6.5-7.244-smp | 9.2.0.8.0 (Release2) | OCM (Bundle) | Raw | | | |
| SuSE 9 (x64 / x86_64) SP3 Errata 2.6.5-7.252-smp | 9.2.0.8.0 (Release2) | OCM (Bundle) | Raw | | | |
| SuSE 9 (x64 / x86_64) SP3 Errata 2.6.5-7.283-smp | 9.2.0.8.0 (Release2) | OCM (Bundle) | Raw | | | |

| Operating System | Oracle Version | Cluster | Volume Manager | HDLM Version | | |
|---|----------------|-----------------------|----------------|--------------|-------|-------|
| | | | | 6.1 | 6.5.0 | 6.5.1 |
| HP-UX 11iv1 (PA-RISC 64 Bit) | 9.0.1.0.0 | MC/ServiceGuard 11.13 | LVM | | | |
| | 9.2.0.1.0 | MC/ServiceGuard 11.15 | LVM | | | |
| | 9.2.0.1.0 | Serviceguard 11.16 | LVM | | | |
| | 9.2.0.5.0 | Serviceguard 11.16 | LVM | | | |
| HP-UX 11iv2 (Itanium / IA64) September 2004 May 2005 December 2005 March 2006 June 2006 September 2006 June 2007 December 2007 June 2008 | 9.2.0.6.0 | Serviceguard 11.16 | LVM | | | |
| | 9.2.0.8.0 | Serviceguard 11.16 | LVM | | | |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|---|
| 6 | Two-node configurations are supported. |
| 15 | RAC accesses storage system by using a Oracle Solaris Cluster device ID. |
| 33 | The following configurations are not supported: - RAC using LUs with EFI labels set - RAC using ZFS |

| |
|---|
| Supported Oracle 10g RAC Configurations |
|---|

| Operating System Name | Oracle Version | Cluster | Volume Manager | HDLM Version | | |
|---|----------------|-------------|----------------|--------------|-----------|-----------|
| | | | | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows Server 2003 (IA32 / x86) | 10.1.0.2.0 | CRS | ASM | | | |
| | | | OCFS | | | |
| | 10.1.0.3.0 | CRS | ASM | | | |
| | | | OCFS | | | |
| Windows Server 2003 (X64 / x86_64) | 10.1.0.5.0 | CRS | Raw | | | |
| | 10.2.0.3.0 | Clusterware | ASM | | | |
| | 10.2.0.4.0 | Clusterware | ASM | | | |
| | 10.1.0.4.0 | CRS | RAW | | | |
| Windows Server 2003 SP1 (IA32 / x86) | 10.2.0.1.0 | Clusterware | OCFS | | | |
| | | | ASM+RAW | | | |
| | 10.2.0.2.0 | Clusterware | Raw | | | |
| | 10.2.0.3.0 | Clusterware | ASM | | | |
| Windows Server 2003 SP1 (Itanium / IA64) | 10.1.0.4.0 | CRS | RAW | | | |
| | 10.1.0.5.0 | CRS | RAW | | | |
| | 10.2.0.2.0 | Clusterware | Raw | | | |
| | | | OCFS | | | |
| | 10.2.0.3.0 | Clusterware | ASM | | | |
| | | | Raw | | | |
| Windows Server 2003 SP2 (IA32 / x86) | 10.1.0.5.0 | CRS | Raw | | | |
| | 10.2.0.2.0 | Clusterware | Raw | | | |
| | 10.2.0.3.0 | Clusterware | ASM | | | |
| Windows Server 2003 SP2 (Itanium / IA64) | | | ASM | | | |
| | 10.2.0.3.0 | Clusterware | Raw | | | |
| | | | OCFS | | | |
| Windows Server 2003 SP2 (X64 / x86_64) | 10.2.0.3.0 | Clusterware | ASM | | | |
| | | | ASM | | | |
| | 10.2.0.4.0 | Clusterware | Raw | | | |
| Windows Server 2003 R2 (IA32 / x86) | 10.2.0.2.0 | Clusterware | Raw + OCFS | | | |
| | | | Raw | | | |
| | 10.2.0.3.0 | Clusterware | ASM | | | |
| | 10.2.0.4.0 | Clusterware | ASM | | | |
| Windows Server 2003 R2 (X64 / x86_64) | 10.2.0.2.0 | Clusterware | ASM | | | |
| | 10.2.0.3.0 | Clusterware | ASM | | | |
| Windows Server 2003 R2 SP2 (IA32 / x86) | 10.1.0.5.0 | CRS | Raw | | | |
| | 10.2.0.2.0 | Clusterware | Raw + OCFS | | | |
| | | | Raw | | | |
| | 10.2.0.3.0 | Clusterware | ASM+RAW | | | |
| | | | ASM | | | |
| | 10.2.0.4.0 | Clusterware | Raw | | | |
| | | | OCFS | | | |
| | | | ASM | | | |
| Windows Server 2003 R2 SP2 (X64 / x86_64) | 10.2.0.2.0 | Clusterware | ASM | | | |
| | 10.2.0.3.0 | Clusterware | ASM | | | |
| | | | RAW | | | |
| | 10.2.0.4.0 | Clusterware | ASM | | | |
| | | | Raw | | | |
| Windows Server 2008 (IA32 / x86) | | | OCFS | | | |
| | 10.2.0.4.0 | Clusterware | ASM | 8, 16 | 8, 16 | 8, 16 |
| | | | Raw | 8, 16 | 8, 16 | 8, 16 |
| | | | OCFS | 8, 16, 54 | 8, 16, 54 | 8, 16, 54 |
| Windows Server 2008 (X64 / x86_64) | | | ASM | 8, 16 | 8, 16 | 8, 16 |
| | 10.2.0.4.0 | Clusterware | Raw | 8, 16 | 8, 16 | 8, 16 |
| | | | OCFS | 8, 16, 54 | 8, 16, 54 | 8, 16, 54 |
| Windows Server 2008 SP2 (IA32 / x86) | 10.2.0.5.0 | Clusterware | OCFS | 8, 16, 54 | 8, 16, 54 | 8, 16, 54 |
| Windows Server 2008 R2 (X64 / x86_64) | 10.2.0.5.0 | Clusterware | Raw | 8, 16 | 8, 16 | 8, 16 |
| Windows Server 2008 R2 SP1 (X64 / x86_64) | 10.2.0.5.0 | Clusterware | ASM | 8, 16 | 8, 16 | 8, 16 |

| Operating System Name | Oracle Version | Cluster | Volume Manager | HDLM Version | | |
|---------------------------|----------------|---|----------------|--------------|-------|-------|
| | | | | 8.2.0 | 8.2.1 | 8.4.0 |
| Solaris 8 (SPARC 64 Bit) | 10.1.0.2.0 | CRS (Bundle) | ASM | | | |
| | 10.2.0.1.0 | Clusterware (Bundle) | ASM | | | |
| Solaris 9 (SPARC 64 Bit) | 10.1.0.2.0 | CRS (Bundle) | ASM | | | |
| | 10.1.0.4.0 | CRS (Bundle) | Raw | | | |
| | 10.1.0.5.0 | CRS (Bundle) | Raw | | | |
| | 10.2.0.1.0 | Clusterware (Bundle) | ASM | | | |
| | 10.2.0.2.0 | Clusterware (Bundle) | RAW | | | |
| | | Sun Cluster 3.1 8/05 Clusterware (Bundle) | Raw | | | |
| | | Clusterware (Bundle) | ASM | | | |
| Solaris 10 (SPARC 64 Bit) | 10.1.0.4.0 | CRS (Bundle) | ASM | | | |
| | 10.1.0.5.0 | CRS (Bundle) | Raw | | | |
| | 10.2.0.1.0 | Clusterware (Bundle) | ASM | | | |
| | 10.2.0.2.0 | CRS (Bundle) | ASM | | | |
| | | | RAW | | | |
| | | Sun Cluster 3.1 8/05 Clusterware (Bundle) | RAW | | | |
| | | | VxVM 4.1 | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | RAW | | | |
| | | | ASM | | | |
| | | Sun Cluster 3.2 Clusterware | Raw | | | |
| | | | VxVM 5.0 | | | |
| | | Sun Cluster 3.2 Clusterware | Raw | | | |
| | | | ASM | | | |
| | | | | | | |
| | 10.2.0.4.0 | Sun Cluster 3.2 Clusterware | Raw | | | |
| | | | VxVM 5.0 | | | |
| | | Clusterware (Bundle) | Raw | | | |
| | | | ASM | | | |
| | | VCS 5.0 + Clusterware | VxVM 5.0 | | | |
| | 10.2.0.5.0 | Clusterware (Bundle) | ASM | | | |

| Operating System Name | Oracle Version | Cluster | Volume Manager | HDLM Version | | |
|---|----------------------------|----------------------|----------------|--------------|-------|-------|
| | | | | 8.2.0 | 8.2.1 | 8.4.0 |
| Red Hat AS/ES 3 (IA32 / x86) Update 3 2.4.21-20.EL | 10.1.0.4.0 | CRS (Bundle) | ASM+Raw | | | |
| Red Hat AS/ES 3 (IA32 / x86) Update 5 + Security Fix 2.4.21-32.0.1.EL 2.4.21-32.0.1.ELsmp 2.4.21-32.0.1.ELhugemem | 10.2.0.1.0 | Clusterware (Bundle) | ASM+Raw | | | |
| | 10.2.0.2.0 | Clusterware (Bundle) | ASM+Raw | | | |
| | 10.2.0.4.0 | Clusterware (Bundle) | ASM+Raw | | | |
| | 10.1.0.4.0 | CRS (Bundle) | ASM+Raw | | | |
| | 10.1.0.5.0 | CRS (Bundle) | OCFS 1.0.14-1 | | | |
| Red Hat AS/ES 3 (IA32 / x86) Update8 2.4.21-47.EL 2.4.21-47.ELsmp 2.4.21-47.ELhugemem | 10.2.0.1.0 | Clusterware (Bundle) | ASM+Raw | | | |
| | 10.2.0.2.0 | Clusterware (Bundle) | ASM+Raw | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | ASM+Raw | | | |
| | 10.2.0.4.0 | Clusterware (Bundle) | ASM+Raw | | | |
| Red Hat AS/ES 3 (IA32 / x86) Update 9 2.4.21-50.EL 2.4.21-50.ELsmp 2.4.21-50.ELhugemem | 10.2.0.4.0 | Clusterware (Bundle) | ASM+Raw | | | |
| Red Hat AS/ES 4 (IA32 / x86) Update 1 2.6.9-11.ELsmp | 10.2.0.2.0 | Clusterware (Bundle) | ASM+ASMLib | | | |
| Red Hat AS/ES 4 (IA32 / x86) Update 1 2.6.9-11.EL 2.6.9-11.ELsmp 2.6.9-11.ELhugemem | 10.1.0.5.0 | CRS (Bundle) | ASM+ASMLib | | | |
| | 10.2.0.2.0 | Clusterware (Bundle) | ASM+Raw | | | |
| | | Clusterware (Bundle) | Raw | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | ASM+Raw | | | |
| | 10.2.0.4.0 | Clusterware (Bundle) | ASM+Raw | | | |
| | 10.2.0.5.0+ Patch 11066597 | Clusterware (Bundle) | ASM+Raw | | | |
| Red Hat AS/ES 4 (IA32 / x86) Update 3 2.6.9-34.EL 2.6.9-34.ELsmp 2.6.9-34.ELhugemem | 10.1.0.5.0 | CRS (Bundle) | ASM+ASMLib | | | |
| | 10.2.0.2.0 | Clusterware (Bundle) | ASM+Raw | | | |
| | | Clusterware (Bundle) | Raw | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | ASM+Raw | | | |
| | 10.2.0.4.0 | Clusterware (Bundle) | ASM+Raw | | | |
| Red Hat AS/ES 4 (IA32 / x86) Update 3 + Security Fix 2.6.9-34.0.2.EL 2.6.9-34.0.2.ELsmp 2.6.9-34.0.2.ELhugemem | 10.2.0.4.0 | Clusterware (Bundle) | ASM+Raw | | | |
| | 10.2.0.5.0+ Patch 11066597 | Clusterware (Bundle) | ASM+Raw | | | |

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|---|-------------------------------|----------------------|------------|--|--|--|
| Red Hat AS/ES 4 (IA32 / x86) Update 4 2.6.9-42.EL 2.6.9-42.ELsmp 2.6.9-42.ELhugemem | 10.1.0.5.0 | CRS (Bundle) | ASM+ASMLib | | | |
| | 10.2.0.2.0 | Clusterware (Bundle) | Raw | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | ASM+Raw | | | |
| | 10.2.0.4.0 | Clusterware (Bundle) | ASM+Raw | | | |
| | 10.2.0.5.0+ Patch 11066597 | Clusterware (Bundle) | ASM+Raw | | | |

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|---|----------------------------|----------------------|--------------|--|--|--|--|
| Red Hat AS/ES 4 (IA32 / x86) Update 4 + Security Fix 2.6.9-42.0.3.EL 2.6.9-42.0.3.ELsmp 2.6.9-42.0.3.ELhugemem | 10.1.0.5.0 | CRS (Bundle) | ASM+ASMLib | | | | |
| | 10.2.0.2.0 | Clusterware (Bundle) | Raw | | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.2.0.4.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.2.0.5.0+ Patch 11066597 | Clusterware (Bundle) | ASM+Raw | | | | |
| Red Hat AS/ES 4 (X64 / x86_64) Update 1 2.6.9-11.EL 2.6.9-11.ELsmp | 10.2.0.2.0 | Clusterware (Bundle) | ASM + Raw | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | | Clusterware (Bundle) | ASM+ASMLib | | | | |
| | | Clusterware (Bundle) | ASM + Raw | | | | |
| | 10.2.0.4.0 | Clusterware (Bundle) | ASM + ASMLib | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | 10.2.0.5.0+ Patch 11066597 | Clusterware (Bundle) | ASM+Raw | | | | |
| Red Hat AS/ES 4 (X64 / x86_64) Update 3 2.6.9-34.EL 2.6.9-34.ELsmp 2.6.9-34.ELlargesmp | 10.2.0.2.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | Raw | | | | |
| | | Clusterware (Bundle) | ASM+ASMLib | | | | |
| | | Clusterware (Bundle) | ASM+Raw | | | | |
| | | Clusterware (Bundle) | ASM + Raw | | | | |
| | 10.2.0.4.0 | Clusterware (Bundle) | ASM + ASMLib | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | 10.2.0.5.0+ Patch 11066597 | Clusterware (Bundle) | ASM+Raw | | | | |
| Red Hat AS/ES 4 (X64 / x86_64) Update 3 + Security Fix 2.6.9-34.0.2.EL 2.6.9-34.0.2.ELsmp 2.6.9-34.0.2.ELlargesmp | 10.2.0.2.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | Raw | | | | |
| | | Clusterware (Bundle) | ASM+ASMLib | | | | |
| | | Clusterware (Bundle) | ASM+Raw | | | | |
| | | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.2.0.4.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | | Clusterware (Bundle) | ASM + ASMLib | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | 10.2.0.5.0+ Patch 11066597 | Clusterware (Bundle) | ASM+Raw | | | | |
| Red Hat AS/ES 4 (X64 / x86_64) Update 4 2.6.9-42.EL 2.6.9-42.ELsmp 2.6.9-42.ELlargesmp | 10.2.0.2.0 | Clusterware (Bundle) | Raw | | | | |
| | | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | ASM+ASMLib | | | | |
| | | Clusterware (Bundle) | ASM+Raw | | | | |
| | | Clusterware (Bundle) | ASM+Raw | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | 10.2.0.4.0 | Clusterware (Bundle) | ASM + Raw | | | | |
| | | Clusterware (Bundle) | ASM + ASMLib | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | 10.2.0.5.0+ Patch 11066597 | Clusterware (Bundle) | ASM+Raw | | | | |
| Red Hat AS/ES 4 (X64 / x86_64) Update 4 + Security Fix 2.6.9-42.0.3.EL 2.6.9-42.0.3.ELsmp 2.6.9-42.0.3.ELlargesmp | 10.2.0.2.0 | Clusterware (Bundle) | Raw | | | | |
| | | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | ASM+ASMLib | | | | |
| | | Clusterware (Bundle) | ASM+Raw | | | | |
| | | Clusterware (Bundle) | ASM+Raw | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | 10.2.0.4.0 | Clusterware (Bundle) | ASM + Raw | | | | |
| | | Clusterware (Bundle) | ASM + ASMLib | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | 10.2.0.5.0+ Patch 11066597 | Clusterware (Bundle) | ASM+Raw | | | | |
| Red Hat AS/ES 4 (Itanium / IA64) Update1 2.6.9-11.EL | 10.2.0.1.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.2.0.2.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | | Clusterware (Bundle) | ASM+ASMLib | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| Red Hat AS/ES 4 (Itanium / IA64) Update2 2.6.9-22.EL | 10.2.0.1.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.2.0.2.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | | Clusterware (Bundle) | ASM+ASMLib | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| Red Hat AS/ES 4 (Itanium / IA64) Update 3 2.6.9-34.EL | 10.2.0.1.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.2.0.2.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | | Clusterware (Bundle) | ASM+ASMLib | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| Red Hat AS/ES 4 (Itanium / IA64) Update 3 + Security Fix 2.6.9-34.0.2.EL | 10.2.0.1.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.2.0.2.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | | Clusterware (Bundle) | ASM+ASMLib | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| Red Hat AS/ES 4 (Itanium / IA64) Update 4 2.6.9-42.EL | 10.2.0.1.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.2.0.2.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | | Clusterware (Bundle) | ASM+ASMLib | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| Red Hat AS/ES 4 (Itanium / IA64) Update 4 + Security Fix 2.6.9-42.0.3.EL | 10.2.0.1.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.2.0.2.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | | Clusterware (Bundle) | ASM+ASMLib | | | | |
| Red Hat AS/ES 4.5 (IA32 / x86) 2.6.9-55.EL 2.6.9-55.ELsmp 2.6.9-55.ELhugemem | 10.1.0.5.0 | Clusterware (Bundle) | ASM+ASMLib | | | | |
| | 10.2.0.2.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | | Clusterware (Bundle) | ASM+ASMLib | | | | |
| | 10.2.0.4.0 | Clusterware (Bundle) | ASM + Raw | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | 10.2.0.5.0+ Patch 11066597 | Clusterware (Bundle) | ASM+Raw | | | | |

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|---|------------|----------------------|------------|--|--|--|
| Red Hat AS/ES 4.5 (Itanium) 2.6.9-55.EL 2.6.9.55.ELlargesmp | 10.2.0.1.0 | Clusterware (Bundle) | ASM+Raw | | | |
| | 10.2.0.2.0 | Clusterware (Bundle) | ASM+Raw | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | ASM+ASMLib | | | |
| | | Clusterware (Bundle) | ASM+Raw | | | |
| | | Clusterware (Bundle) | Raw | | | |

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|---|----------------------------|----------------------|--------------|--|--|--|--|
| Red Hat AS/ES 4.5 (x64) 2.6.9-55.EL 2.6.9-55.ELsmp 2.6.9.55.ELlargesmp | 10.2.0.2.0 | Clusterware (Bundle) | Raw | | | | |
| | | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | ASM+ASMLib | | | | |
| | | Clusterware (Bundle) | ASM + Raw | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | | Clusterware (Bundle) | ASM + Raw | | | | |
| | 10.2.0.4.0 | Clusterware (Bundle) | ASM + ASMLib | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| Red Hat AS/ES 4.6 (IA32 / x86) 2.6.9-67.EL 2.6.9-67.ELsmp 2.6.9.67.ELhugemem | 10.2.0.5.0+ Patch 11066597 | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.1.0.5.0 | Clusterware (Bundle) | ASM+ASMLib | | | | |
| | 10.2.0.2.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | | Clusterware (Bundle) | ASM + ASMLib | | | | |
| | 10.2.0.4.0 | Clusterware (Bundle) | ASM + Raw | | | | |
| Red Hat AS/ES 4.6 (Itanium) 2.6.9-67.EL 2.6.9-67.ELlargesmp | 10.2.0.1.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.2.0.2.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | | Clusterware (Bundle) | ASM+ASMLib | | | | |
| Red Hat AS/ES 4.6 (x64) 2.6.9-67.EL 2.6.9-67.ELsmp 2.6.9-67.ELlargesmp | 10.2.0.2.0 | Clusterware (Bundle) | Raw | | | | |
| | | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | ASM+ASMLib | | | | |
| | | Clusterware (Bundle) | ASM + Raw | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | 10.2.0.4.0 | Clusterware (Bundle) | ASM+ASMLib | | | | |
| | | Clusterware (Bundle) | ASM + Raw | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | 10.2.0.5.0+ Patch 11066597 | Clusterware (Bundle) | ASM+Raw | | | | |
| | | | | | | | |
| Red Hat AS/ES 4.7 (IA32 / x86) Security Fix 2.6.9-78.EL 2.6.9-78.ELsmp 2.6.9-78.ELhugemem | 10.1.0.5.0 | Clusterware (Bundle) | ASM+ASMLib | | | | |
| | 10.2.0.2.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | | Clusterware (Bundle) | ASM + ASMLib | | | | |
| | 10.2.0.4.0 | Clusterware (Bundle) | ASM + Raw | | | | |
| | 10.2.0.5.0+ Patch 11066597 | Clusterware (Bundle) | ASM+Raw | | | | |
| Red Hat AS/ES 4.7 (Itanium) 2.6.9-78.EL 2.6.9-78.ELlargesmp | 10.2.0.1.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.2.0.2.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | | Clusterware (Bundle) | ASM+ASMLib | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| Red Hat AS/ES 4.7 (x64) 2.6.9-78.EL 2.6.9-78.ELsmp 2.6.9-78.ELlargesmp | 10.2.0.2.0 | Clusterware (Bundle) | Raw | | | | |
| | | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | ASM+ASMLib | | | | |
| | | Clusterware (Bundle) | ASM + Raw | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | 10.2.0.4.0 | Clusterware (Bundle) | ASM + Raw | | | | |
| | | Clusterware (Bundle) | ASM + ASMLib | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | 10.2.0.5.0+ Patch 11066597 | Clusterware (Bundle) | ASM+Raw | | | | |
| | | | | | | | |
| Red Hat AS/ES 4.8 (IA32 / x86) 2.6.9-89.EL 2.6.9-89.ELsmp 2.6.9-89.ELhugemem | 10.1.0.5.0 | Clusterware (Bundle) | ASM+ASMLib | | | | |
| | 10.2.0.2.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | | Clusterware (Bundle) | ASM + ASMLib | | | | |
| | 10.2.0.4.0 | Clusterware (Bundle) | ASM + Raw | | | | |
| | 10.2.0.5.0+ Patch 11066597 | Clusterware (Bundle) | ASM+Raw | | | | |
| Red Hat AS/ES 4.8 (Itanium) 2.6.9-89.EL 2.6.9-89.ELlargesmp | 10.2.0.1.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.2.0.2.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | | Clusterware (Bundle) | ASM+ASMLib | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| Red Hat AS/ES 4.8 (x64) 2.6.9-89.EL 2.6.9-89.ELsmp 2.6.9-89.ELlargesmp | 10.2.0.2.0 | Clusterware (Bundle) | Raw | | | | |
| | | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | ASM+ASMLib | | | | |
| | | Clusterware (Bundle) | ASM + Raw | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | 10.2.0.4.0 | Clusterware (Bundle) | ASM + Raw | | | | |
| | | Clusterware (Bundle) | ASM + ASMLib | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | 10.2.0.5.0+ Patch 11066597 | Clusterware (Bundle) | ASM+Raw | | | | |
| | | | | | | | |
| Red Hat AS/ES 4.9 (IA32 / x86) 2.6.9-100.EL 2.6.9-100.ELsmp 2.6.9-100.ELhugemem | 10.1.0.5.0 | Clusterware (Bundle) | ASM+ASMLib | | | | |
| | 10.2.0.2.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | | Clusterware (Bundle) | ASM + ASMLib | | | | |
| | 10.2.0.4.0 | Clusterware (Bundle) | ASM + Raw | | | | |
| | 10.2.0.5.0+ Patch 11066597 | Clusterware (Bundle) | ASM+Raw | | | | |
| Red Hat AS/ES 4.9 (Itanium) 2.6.9-100.EL 2.6.9-100.ELlargesmp | 10.2.0.1.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.2.0.2.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | ASM+Raw | | | | |
| | | Clusterware (Bundle) | ASM+ASMLib | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| Red Hat AS/ES 4.9 (x64) 2.6.9-100.EL 2.6.9-100.ELsmp 2.6.9-100.ELlargesmp | 10.2.0.2.0 | Clusterware (Bundle) | Raw | | | | |
| | | Clusterware (Bundle) | ASM+Raw | | | | |
| | 10.2.0.3.0 | Clusterware (Bundle) | ASM+ASMLib | | | | |
| | | Clusterware (Bundle) | ASM + Raw | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | 10.2.0.4.0 | Clusterware (Bundle) | ASM + Raw | | | | |
| | | Clusterware (Bundle) | ASM + ASMLib | | | | |
| | | Clusterware (Bundle) | Raw | | | | |
| | 10.2.0.5.0+ Patch 11066597 | Clusterware (Bundle) | ASM+Raw | | | | |
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|-------------------------------|----------------------|---------|------------|------------|------------|
| | Clusterware (Bundle) | OCFS 2 | 8,16,53,55 | 8,16,53,55 | 8,16,53,55 |
| 10.2.0.5.0 | Clusterware (Bundle) | RAW | 2,8,16.55 | 2,8,16.55 | 2,8,16.55 |
| 10.2.0.5.0+ Patch 11066597 | Clusterware (Bundle) | ASM+Raw | 2,8,16 | 2,8,16 | 2,8,16 |

[illegible]

| | | | | | | |
|--|------------|----------------------|---------|--|--|--|
| SuSE Linux Enterprise Server 9 (X64 / x86_64) Service Pack 3 2.6.5-7.244-defaults 2.6.5-7.244-smp | 10.2.0.2.0 | Clusterware (Bundle) | ASM+Raw | | | |
| SuSE Linux Enterprise Server 10 (IA32 / x86) 2.6.16.21-0.8-default 2.6.16.21-0.8-smp 2.6.16.21-0.8-bigsm | 10.2.0.3.0 | Clusterware (Bundle) | ASM+Raw | | | |
| SuSE Linux Enterprise Server 10 (IA32 / x86) Security Fix 2.6.16.27-0.9-default 2.6.16.27-0.9-smp 2.6.16.27-0.9-bigsm | 10.2.0.3.0 | Clusterware (Bundle) | ASM+Raw | | | |
| SuSE Linux Enterprise Server 10 (IA32 / x86) Service Pack 1 2.6.16.46-0.14-default 2.6.16.46-0.14-smp 2.6.16.46-0.14-bigsm | 10.2.0.3.0 | Clusterware (Bundle) | ASM+Raw | | | |
| SuSE Linux Enterprise Server 10 (x64 / x86_64) 2.6.16.21-0.8-default 2.6.16.21-0.8-smp | 10.2.0.3.0 | Clusterware (Bundle) | ASM+Raw | | | |
| SuSE Linux Enterprise Server 10 (x64 / x86_64) Security Fix 2.6.16.27-0.9-default 2.6.16.27-0.9-smp | 10.2.0.3.0 | Clusterware (Bundle) | ASM+Raw | | | |
| SuSE Linux Enterprise Server 10 (x64 / x86_64) Service Pack 1 Security Fix 2.6.16.46-0.14-default 2.6.16.46-0.14-smp | 10.2.0.3.0 | Clusterware (Bundle) | ASM+Raw | | | |

| Operating System Name | Oracle Version | Cluster | Volume Manager | HDL Version | | |
|--|----------------|--|----------------|-------------|-------------|-------------|
| | | | | 6.1 | 6.5.0 | 6.5.1 |
| HP-UX 11iv1 (PA-RISC 64 Bit) | 10.1.0.3.0 | Serviceguard 11.16 CRS (Bundle) | LVM | 8 | 8 | 8 |
| HP-UX 11iv2 (Itanium / IA64) September 2004 May 2005 December 2005 March 2006 June 2006 September 2006 June 2007 December 2007 June 2008 | 10.2.0.1.0 | Serviceguard 11.16 Clusterware (Bundle) | LVM | 8 | 8 | 8 |
| | 10.2.0.2.0 | Serviceguard 11.17 Clusterware (Bundle) | LVM | 8,16 | 8,16 | 8,16 |
| | | Clusterware (Bundle) | ASM | 8, 16 23 | 8, 16 23 | 8, 16 23 |
| | 10.2.0.3.0 | Clusterware (Bundle) | ASM | 8, 16 23 | 8, 16 23 | 8, 16 23 |
| | | Serviceguard 11.17 Clusterware (Bundle) | LVM | 8,16 | 8,16 | 8,16 |
| | | Serviceguard 11.18 Clusterware (Bundle) | LVM | 8,16 | 8,16 | 8,16 |
| | | | | | | |
| HP-UX 11iv2 (PA-RISC) September 2004 May 2005 December 2005 March 2006 June 2006 September 2006 June 2007 December 2007 June 2008 | 10.2.0.1.0 | Serviceguard 11.16 Clusterware (Bundle) | LVM | 8 | 8 | 8 |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-----------|--|
| 2 | /dev/raw/rawxx raw devices can be used on Linux. |
| 8 | When using HDLM with Oracle 10g RAC 10.1.0.3.0 and later versions, we recommend that you set the I/O timeout period (MISSCOUNT) of the voting disk to a value higher than the number of paths to the voting disk x yy seconds (yy is 60 for RAID models, and 30 for DF models.). If the MISSCOUNT value is smaller than the recommended value and an I/O timeout occurs on the path for the voting disk, RAC will recognize the I/O timeout before HDLM can use all paths by performing a failover. For inquiries about changing the MISSCOUNT value, contact Oracle Support Services. |
| 11 | Edit the /etc/ocfs.conf file and change the parameter value of comm_voting to 0. |
| 14 | Apply patch 13. |
| 16 | Set the DISKTIMEOUT value as follows when using Oracle RAC 10g 10.2.0.2.0 or later versions: DISKTIMEOUT = 60 x Number of paths Do not modify the DISKTIMEOUT value if the result of the above is lower than the default value of 200. In addition, if the relationship between MISSCOUNT and DISKTIMEOUT is (MISSCOUNT >= DISKTIMEOUT), an error may occur in Oracle due to Oracle specifications. If an error occurs, set a MISSCOUNT value that is larger than the DISKTIMEOUT value: for example, set a value of (DISKTIMEOUT value + 1). For details, contact the Oracle support service. |
| 17 | HDLM for Linux 5.7.0-02 or later is required. |
| 18 | Use ASMLib (ASMLib kernel driver). |
| 19 | Apply patch 5. |
| 20 | Only available when using Red Hat AS/ES 3 (IA32 / x86) Update5 + Security Fix: 2.4.21-32.0.1.EL |
| 21 | Use TechnologyLevel 05 or later. |
| 23 | In this configuration, Oracle bug #5131219 occurs. For this reason the customer's consent is required for the bug below to be treated as a restriction. - When a path failure occurs on a node, if node 1 (the node operated by the database instance whose instance number is 1) shuts down, the node where the path failure occurred might incorrectly reboot. |
| 24 | Apply patch 6. |
| 25 | For the I/O timeout value (MISSCOUNT), set whichever of the following has the higher value: - 600 seconds (the default value of Oracle Clusterware in a Oracle Cluster environment) - Number of paths to the voting disk x yy seconds (yy is 60 for RAID models, and 30 for DF models.) For inquiries about changing the MISSCOUNT value, contact Oracle Support Services. |
| 26 | Only configurations of three or more nodes are supported. |
| 27 | RAC accesses storage system by using a Oracle Solaris Cluster device ID. |
| 28 | Apply patch 2. |
| 29 | Supports only 2 node configuration. |
| 30 | When using TechnologyLevel05, apply APAR IY92037. |
| 31 | Volumes created by the VxVM |
| 32 | When using the MNDHB functionality with HDLM, create MNDHB LVs on the HDLM device by using the following procedure: 1. Create a concurrent VG on the HDLM device that corresponds to the LU that uses the MNDHB functionality. 2. Create an MNDHB LV on the concurrent VG that you created in step 1. For details on how to create the MNDHB LV, see the HACMP/PowetrHA documentation. |
| 33 | The following configurations are not supported: - RAC using LUs with EFI labels set - RAC using ZFS |
| 34 | Only "pathcount" is supported for a setting of SCSI protocol (fencing protocol) of storage system device. For the setting of SCSI protocol (fencing protocol) of storage system device, refer to the manual of Oracle Solaris Cluster. |
| 35 | ASM accesses storage system by using a Oracle Solaris Cluster device ID. |
| 36 | Apply MP1 or later. |
| 51 | When using parallel service groups, activate I/O fencing. |
| 52 | The following storage systems are supported: - USP/NSC/USP V/USP VM - HP XP10000/XP12000/XP20000/XP24000/SVS When using I/O fencing function, enable "host mode option 02 (Veritas Database Edition/Advanced Cluster)" on the storage system side. When not using I/O fencing function, do not enable "host mode option 02 (Veritas Database Edition/Advanced Cluster)" on the storage system side. Also, make sure that hosts using I/O fencing are not in the same host group as any hosts that are not using I/O fencing. |
| 53 | When you use Oracle Cluster file System 2 in an Oracle RAC environment, set the O2CB_HEARTBEAT_THRESHOLD parameter in the /etc/sysconfig/o2cbf file to the following value: (Number of paths connected to Oracle Cluster file System 2 x yy seconds / 2) + 1 (yy is 60 for RAID models, and 30 for DF models.) |
| 54 | HDLM for Windows does not support configurations where Oracle RAC is installed on OCFS to share Oracle Home with multiple nodes. |
| 55 | iSCSI environments are not supported. |

Supported Oracle 11g RAC Configurations

| Operating System Name | Oracle Version | Cluster | Volume Manager | HDLM Version | | |
|------------------------------------|----------------|----------------------------|----------------|--------------|------------|------------|
| | | | | 11.1.0.6.0 | 11.1.0.7.0 | 11.2.0.3.0 |
| Windows 2003 SP1 (IA32 / x86) | 11.1.0.6.0 | Oracle Clusterware | ASM | | | |
| | | | OCFS | | | |
| | | | Raw | | | |
| Windows 2003 SP2 (IA32 / x86) | 11.1.0.6.0 | Oracle Clusterware | ASM | | | |
| | | | OCFS | | | |
| | | | Raw | | | |
| | 11.1.0.7.0 | Oracle Clusterware | Raw | | | |
| Windows 2003 R2 (IA32 / x86) | 11.1.0.6.0 | Oracle Clusterware | ASM | | | |
| | | | OCFS | | | |
| | | | Raw | | | |
| Windows 2003 R2 SP2 (IA32 / x86) | 11.1.0.6.0 | Oracle Clusterware | ASM | | | |
| | | | OCFS | | | |
| | | | Raw | | | |
| | 11.1.0.7.0 | Oracle Clusterware | ASM | | | |
| Windows 2003 SP2 (x64 / x86_64) | 11.1.0.6.0 | Oracle Clusterware | ASM | | | |
| | | | OCFS | | | |
| | | | Raw | | | |
| Windows 2003 R2 (x64 / x86_64) | 11.1.0.6.0 | Oracle Clusterware | ASM | | | |
| | | | OCFS | | | |
| | | | Raw | | | |
| Windows 2003 R2 SP2 (x64 / x86_64) | 11.1.0.6.0 | Oracle Clusterware | ASM | | | |
| | | | OCFS | | | |
| | | | Raw | | | |
| | 11.1.0.7.0 | Oracle Clusterware | ASM | | | |
| | | | Raw | | | |
| | | | Raw | | | |
| Windows 2008 (IA32 / x86) | 11.2.0.3.0 | Oracle Clusterware | ASM | 1,3,22 | 1,3,22 | 1,3,22 |
| | | | Raw | 1,3 | 1,3 | 1,3 |
| | | | ASM | 1,3 | 1,3 | 1,3 |
| Windows 2008 SP2 (IA32 / x86) | 11.1.0.7.0 | Oracle Clusterware | ASM | 1,3,22 | 1,3,22 | 1,3,22 |
| | | | Raw | 1,3 | 1,3 | 1,3 |
| | 11.2.0.3.0 | Oracle Clusterware | ASM | 1,3,22 | 1,3,22 | 1,3,22 |
| Windows 2008 (x64 / x86_64) | 11.1.0.7.0 | Oracle Clusterware | ASM | 1,3 | 1,3 | 1,3 |
| | | Oracle Clusterware | Raw | 1,3 | 1,3 | 1,3 |
| | 11.2.0.4.0 | Oracle Clusterware | ASM | 1,3,22 | 1,3,22 | 1,3,22 |
| Windows 2008 SP2 (x64 / x86_64) | 11.1.0.7.0 | Oracle Clusterware | ASM | 1,3 | 1,3 | 1,3 |
| | | | Raw | 1,3 | 1,3 | 1,3 |
| | 11.2.0.1.0 | Oracle Grid Infrastructure | ASM | 1,3 | 1,3 | 1,3 |
| | | | OCFS | 1,3,18 | 1,3,18 | 1,3,18 |
| | 11.2.0.3.0 | Oracle Clusterware | ASM | 1,3,22 | 1,3,22 | 1,3,22 |
| Windows 2008 R2 (x64 / x86_64) | 11.2.0.4.0 | Oracle Clusterware | ASM | 1,3,22 | 1,3,22 | 1,3,22 |
| | | | Raw | 1,3,22 | 1,3,22 | 1,3,22 |
| | 11.2.0.1.0 | Oracle Grid Infrastructure | ASM | 1,3 | 1,3 | 1,3 |
| | | | Raw | 1,3 | 1,3 | 1,3 |
| Windows 2008 R2 SP1 (x64 / x86_64) | 11.2.0.2.0 | Oracle Grid Infrastructure | ASM | 1,3 | 1,3 | 1,3 |
| | | | Raw | 1,3 | 1,3 | 1,3 |
| | 11.2.0.4.0 | Oracle Clusterware | ASM | 1,3,22 | 1,3,22 | 1,3,22 |
| Windows 2008 R2 SP2 (x64 / x86_64) | 11.2.0.1.0 | Oracle Grid Infrastructure | ASM | 1,3 | 1,3 | 1,3 |
| | | | Raw | 1,3 | 1,3 | 1,3 |
| | 11.2.0.3.0 | Oracle Clusterware | ASM | 1,3,22 | 1,3,22 | 1,3,22 |
| Windows 2012 (x64 / x86_64) | 11.2.0.4.0 | Oracle Clusterware | ASM | 1,3,22 | 1,3,22 | 1,3,22 |
| | | | Raw | 1,3,22 | 1,3,22 | 1,3,22 |
| | 11.2.0.1.0 | Oracle Clusterware | ASM | 1,3,22 | 1,3,22 | 1,3,22 |
| Windows 2012 R2 (x64 / x86_64) | 11.2.0.4.0 | Oracle Clusterware | ASM | 1,3,22,23 | 1,3,22,23 | 1,3,22,23 |

| Operating System Name | Oracle Version | Cluster | Volume Manager | HDLM Version | | |
|-----------------------|----------------|--|----------------|---------------|---------------|-----------------|
| | | | | 8.2.0 | 8.2.1 | 8.4.0 |
| Solaris 10 (SPARC) | 11.1.0.6.0 | Oracle Clusterware | Raw | 1,3,9 | 1,3,9 | 1,3,9 |
| | | | ASM | 1,3,9 | 1,3,9 | 1,3,9 |
| | | Sun Cluster 3.1 08/05 + Oracle Clusterware | Raw | 3,6,7,8,9 | 3,6,7,8,9 | 3,6,7,8,9 |
| | | | ASM | 3,6,8,9,11 | 3,6,8,9,11 | 3,6,8,9,11 |
| | | Sun Cluster 3.2 + Oracle Clusterware | Raw | 3,6,7,8,9,10 | 3,6,7,8,9,10 | 3,6,7,8,9,10 |
| | | | ASM | 3,6,8,9,10,11 | 3,6,8,9,10,11 | 3,6,7,8,9,10,11 |
| | 11.1.0.7.0 | Oracle Clusterware | Raw | 1,3,9 | 1,3,9 | 1,3,9 |
| | | | ASM | 1,3,9 | 1,3,9 | 1,3,9 |
| | | Sun Cluster 3.2 + Oracle Clusterware | VxVM 5.0 MP3 | 3,6,8,9,10,15 | 3,6,8,9,10,15 | 3,6,8,9,10,15 |
| | 11.2.0.1.0 | Oracle Grid Infrastructure | ASM | 1,3,9 | 1,3,9 | 1,3,9 |
| | | Sun Cluster 3.2 + Oracle Grid Infrastructure | ASM | 3,6,8,9,10 | 3,6,8,9,10 | 3,6,8,9,10 |
| | 11.2.0.2.0 | Oracle Grid Infrastructure | ASM | 1,3,9 | 1,3,9 | 1,3,9 |
| | | Sun Cluster 3.3 + Oracle Grid Infrastructure | ASM | 3,6,8,9,10 | 3,6,8,9,10 | 3,6,8,9,10 |
| | 11.2.0.4.0 | Oracle Grid Infrastructure | ASM | 1,3,9,22 | 1,3,9,22 | 1,3,9,22 |
| Solaris 11 (SPARC) | 11.2.0.3.0 | Oracle Grid Infrastructure | ASM | 1,3,9,22 | 1,3,9,22 | 1,3,9,22 |
| Solaris 11.1 (SPARC) | 11.2.0.3.0 | Oracle Grid Infrastructure | ASM | 1,3,9,22 | 1,3,9,22 | 1,3,9,22 |
| | 11.2.0.4.0 | Oracle Grid Infrastructure | ASM | 1,3,9,22 | 1,3,9,22 | 1,3,9,22 |
| Solaris 11.2 (SPARC) | 11.2.0.4.0 | Oracle Grid Infrastructure | ASM | 1,3,9,22 | 1,3,9,22 | 1,3,9,22 |
| Solaris 11.3 (SPARC) | 11.2.0.4.0 | Oracle Grid Infrastructure | ASM | | | |

| Operating System Name | Oracle Version | Cluster | Volume Manager | HDLM Version | | |
|------------------------|----------------|----------------------------|----------------|--------------|--------|--------|
| | | | | 8.2.0 | 8.2.1 | 8.4.0 |
| AIX 6.1 (POWER 64 Bit) | 11.2.0.2.0 | Oracle Grid Infrastructure | ASM+Raw | 1,3 | 1,3 | 1,3 |
| | 11.2.0.3.0 | Oracle Grid Infrastructure | ASM+Raw | 1,3,22 | 1,3,22 | 1,3,22 |
| | | PowerHA 6.1+Clusterware | LVM | 1,3,22 | 1,3,22 | 1,3,22 |
| AIX 7.1 (POWER 64 Bit) | 11.2.0.2.0 | Oracle Grid Infrastructure | ASM+Raw | 1,3 | 1,3 | 1,3 |
| | 11.2.0.3.0 | Oracle Grid Infrastructure | ASM+Raw | 1,3,22 | 1,3,22 | 1,3,22 |
| | 11.2.0.4.0 | Oracle Grid Infrastructure | ASM+Raw | 1,3,22 | 1,3,22 | 1,3,22 |
| AIX 7.2 (POWER 64 Bit) | 11.2.0.2.0 | Oracle Grid Infrastructure | ASM+Raw | | 1,3 | 1,3 |
| | 11.2.0.3.0 | Oracle Grid Infrastructure | ASM+Raw | | 1,3,22 | 1,3,22 |
| | 11.2.0.4.0 | Oracle Grid Infrastructure | ASM+Raw | | 1,3,22 | 1,3,22 |

| Operating System Name | Oracle Version | Cluster | Volume Manager | HDLM Version | | |
|---|----------------|--------------------|----------------|--------------|-------|-------|
| | | | | 8.2.0 | 8.2.1 | 8.4.0 |
| Red Hat Linux 4 Update 1 (IA32 / x86) 2.6.9-11.EL 2.6.9-11.ELsmp 2.6.9-11.ELhugemem | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | | | |
| | | | ASM + ASMLib | | | |
| | | | OCFS2 | | | |
| | | | Raw | | | |
| | 11.1.0.7.0 | Oracle Clusterware | Raw | | | |
| | | | ASM + Raw | | | |
| Red Hat Linux 4 Update 3 (IA32 / x86) 2.6.9-34.EL 2.6.9-34.ELsmp 2.6.9-34.ELhugemem 2.6.9-34.0.2.EL 2.6.9-34.0.2.ELsmp 2.6.9-34.0.2.ELhugemem | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | | | |
| | | | ASM + ASMLib | | | |
| | | | OCFS2 | | | |
| | | | Raw | | | |
| | 11.1.0.7.0 | Oracle Clusterware | Raw | | | |
| | | | ASM + Raw | | | |
| Red Hat Linux 4 Update 4 (IA32 / x86) 2.6.9-42.EL 2.6.9-42.ELsmp 2.6.9-42.ELhugemem 2.6.9-42.0.3.EL 2.6.9-42.0.3.ELsmp 2.6.9-42.0.3.ELhugemem | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | | | |
| | | | ASM + ASMLib | | | |
| | | | OCFS2 | | | |
| | | | Raw | | | |
| | 11.1.0.7.0 | Oracle Clusterware | Raw | | | |
| | | | ASM + Raw | | | |
| Red Hat Linux 4 Update 1 (x64 / x86_64) 2.6.9-11.EL 2.6.9-11.ELsmp | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | | | |
| | | | ASM + ASMLib | | | |
| | | | OCFS2 | | | |
| | 11.1.0.7.0 | Oracle Clusterware | Raw | | | |
| | | | ASM + Raw | | | |
| Red Hat Linux 4 Update 3 (x64 / x86_64) 2.6.9-34.EL 2.6.9-34.ELsmp 2.6.9-34.ELlargesmp 2.6.9-34.0.2.EL 2.6.9-34.0.2.ELsmp 2.6.9-34.0.2.ELlargesmp | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | | | |
| | | | ASM + ASMLib | | | |
| | | | OCFS2 | | | |
| | | | Raw | | | |
| | 11.1.0.7.0 | Oracle Clusterware | Raw | | | |
| | | | ASM + Raw | | | |

| | | | | | | |
|--|------------|----------------------------|--------------|--|--|--|
| Red Hat Linux 4 Update 4 (x64 / x86_64) 2.6.9-42.EL 2.6.9-42.ELsmp 2.6.9-42.ELlargesmp 2.6.9-42.0.3.EL 2.6.9-42.0.3.ELsmp 2.6.9-42.0.3.ELlargesmp | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | | | |
| | | | ASM + ASMLib | | | |
| | | | OCFS2 | | | |
| | | | Raw | | | |
| | 11.1.0.7.0 | Oracle Clusterware | Raw | | | |
| | | | ASM + Raw | | | |
| Red Hat Linux 4.5 (IA32 / x86) 2.6.9-55.EL 2.6.9-55.ELsmp 2.6.9-55.ELhugemem | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | | | |
| | | | ASM + ASMLib | | | |
| | | | OCFS2 | | | |
| | | | Raw | | | |
| | 11.1.0.7.0 | Oracle Clusterware | Raw | | | |
| | | | ASM + Raw | | | |
| Red Hat Linux 4.5 (x64 / x86_64) 2.6.9-55.EL 2.6.9-55.ELsmp 2.6.9-55.ELlargesmp | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | | | |
| | | | ASM + ASMLib | | | |
| | | | OCFS2 | | | |
| | | | Raw | | | |
| | 11.1.0.7.0 | Oracle Clusterware | Raw | | | |
| | | | ASM + Raw | | | |
| Red Hat Linux 4.6 (IA32 / x86) 2.6.9-67.EL 2.6.9-67.ELsmp 2.6.9-67.ELhugemem | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | | | |
| | | | ASM + ASMLib | | | |
| | | | OCFS2 | | | |
| | | | Raw | | | |
| | 11.1.0.7.0 | Oracle Clusterware | Raw | | | |
| | | | ASM + Raw | | | |
| Red Hat Linux 4.6 (x64 / x86_64) 2.6.9-67.EL 2.6.9-67.ELsmp 2.6.9-67.ELlargesmp | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | | | |
| | | | ASM + ASMLib | | | |
| | | | OCFS2 | | | |
| | | | Raw | | | |
| | 11.1.0.7.0 | Oracle Clusterware | Raw | | | |
| | | | ASM + Raw | | | |
| Red Hat Linux 4.7 (IA32 / x86) 2.6.9-78.EL 2.6.9-78.ELsmp 2.6.9-78.ELhugemem | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | | | |
| | | | ASM + ASMLib | | | |
| | | | OCFS2 | | | |
| | | | Raw | | | |
| | 11.1.0.7.0 | Oracle Clusterware | Raw | | | |
| | | | ASM + Raw | | | |
| | 11.2.0.2.0 | Oracle Grid Infrastructure | ASM + Raw | | | |
| Red Hat Linux 4.7 (x64 / x86_64) 2.6.9-78.EL 2.6.9-78.ELsmp 2.6.9-78.ELlargesmp | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | | | |
| | | | ASM + ASMLib | | | |
| | | | OCFS2 | | | |
| | | | Raw | | | |
| | 11.1.0.7.0 | Oracle Clusterware | Raw | | | |
| | | | ASM + Raw | | | |
| | 11.2.0.2.0 | Oracle Grid Infrastructure | ASM + Raw | | | |
| Red Hat Linux 4.8 (IA32 / x86) 2.6.9-89.EL 2.6.9-89.ELsmp 2.6.9-89.ELhugemem | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | | | |
| | | | ASM + ASMLib | | | |
| | | | OCFS2 | | | |
| | | | Raw | | | |
| | 11.1.0.7.0 | Oracle Clusterware | Raw | | | |
| | | | ASM + Raw | | | |
| | 11.2.0.2.0 | Oracle Grid Infrastructure | ASM + Raw | | | |
| Red Hat Linux 4.8 (x64 / x86_64) 2.6.9-89.EL 2.6.9-89.ELsmp 2.6.9-89.ELlargesmp | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | | | |
| | | | ASM + ASMLib | | | |
| | | | OCFS2 | | | |
| | | | Raw | | | |
| | 11.1.0.7.0 | Oracle Clusterware | Raw | | | |
| | | | ASM + Raw | | | |
| | 11.2.0.2.0 | Oracle Grid Infrastructure | ASM + Raw | | | |
| Red Hat Linux 4.9 (IA32 / x86) 2.6.9-100.EL 2.6.9-100.ELsmp 2.6.9-100.ELhugemem | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | | | |
| | | | ASM + ASMLib | | | |
| | | | OCFS2 | | | |
| | | | Raw | | | |
| | 11.1.0.7.0 | Oracle Clusterware | Raw | | | |
| | | | ASM + Raw | | | |
| | 11.2.0.2.0 | Oracle Grid Infrastructure | ASM + Raw | | | |
| Red Hat Linux 4.9 (x64 / x86_64) 2.6.9-100.EL 2.6.9-100.ELsmp 2.6.9-100.ELlargesmp | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | | | |
| | | | ASM + ASMLib | | | |
| | | | OCFS2 | | | |
| | | | Raw | | | |
| | 11.1.0.7.0 | Oracle Clusterware | Raw | | | |
| | | | ASM + Raw | | | |
| | 11.2.0.2.0 | Oracle Grid Infrastructure | ASM + Raw | | | |

| | | | | | | |
|---|---|----------------------------|--------------------|--------------|--------------|--------------|
| Red Hat Linux 5 (IA32 / x86) 2.6.18-8.el5 2.6.18-8.el5PAE | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| | | | ASM + ASMLib | 1,3,12 | 1,3,12 | 1,3,12 |
| | 11.1.0.7.0 | Oracle Clusterware | OCFS2 | 1,3,14 | 1,3,14 | 1,3,14 |
| | | | Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| Red Hat Linux 5 (x64 / x86_64) 2.6.18-8.el5 | 11.1.0.6.0 | Oracle Clusterware | ASM + ASMLib | 1,3,12 | 1,3,12 | 1,3,12 |
| | | | ASM + Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| | | | Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| | 11.1.0.7.0 | Oracle Clusterware | Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| | | | ASM + Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| | | | ASM + ASMLib | 1,3,12 | 1,3,12 | 1,3,12 |
| | 11.1.0.7.0 + Patch 8833297 | Oracle Clusterware | OCFS2 | 1,3,14 | 1,3,14 | 1,3,14 |
| | | | Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| | | | ASM + Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| | Red Hat Linux 5.1 (IA32 / x86) 2.6.18-53.el5 2.6.18-53.el5PAE | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | 1,3,13 | 1,3,13 |
| ASM + ASMLib | | | | 1,3,12 | 1,3,12 | 1,3,12 |
| 11.1.0.7.0 | | Oracle Clusterware | OCFS2 | 1,3,14 | 1,3,14 | 1,3,14 |
| | | | Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| Red Hat Linux 5.1 (x64 / x86_64) 2.6.18-53.el5 | 11.1.0.6.0 | Oracle Clusterware | ASM + ASMLib | 1,3,12 | 1,3,12 | 1,3,12 |
| | | | ASM + Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| | | | Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| | 11.1.0.7.0 | Oracle Clusterware | OCFS2 | 1,3,14 | 1,3,14 | 1,3,14 |
| | | | Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| | | | ASM + ASMLib | 1,3,12 | 1,3,12 | 1,3,12 |
| | 11.1.0.7.0 + Patch 8833297 | Oracle Clusterware | ASM + Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| | | | OCFS2 | 1,3,14 | 1,3,14 | 1,3,14 |
| | | | Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| | Red Hat Linux 5.2 (x86/ IA32) Kernels 2.6.18-92.el5 2.6.18-92.el5PAE | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | 1,3,13 | 1,3,13 |
| ASM + ASMLib | | | | 1,3,12 | 1,3,12 | 1,3,12 |
| 11.1.0.7.0 | | Oracle Clusterware | OCFS2 | 1,3,14 | 1,3,14 | 1,3,14 |
| | | | Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| 11.1.0.7.0 | | Oracle Clusterware | ASM + Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| | | | ASM + ASMLib | 1,3,12 | 1,3,12 | 1,3,12 |
| 11.2.0.1.0 | | Oracle Grid Infrastructure | OCFS2 | 1,3,14 | 1,3,14 | 1,3,14 |
| | | | Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| Red Hat Linux 5.2 (x64 / x86_64) Kernels 2.6.18-92.el5 | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| | | | ASM + ASMLib | 1,3,12 | 1,3,12 | 1,3,12 |
| | 11.1.0.7.0 | Oracle Clusterware | Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| | | | ASM + Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| | | | ASM + ASMLib | 1,3,12 | 1,3,12 | 1,3,12 |
| | 11.1.0.7.0 + Patch 8833297 | Oracle Clusterware | OCFS2 | 1,3,14 | 1,3,14 | 1,3,14 |
| | | | Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| | | | Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| | 11.2.0.1.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,17 | 1,3,13,16,17 | 1,3,13,16,17 |
| | | | Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| Red Hat Linux 5.3 (x86/ IA32) Kernels 2.6.18-128.el5 2.6.18-128.el5PAE | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| | | | ASM + ASMLib | 1,3,12 | 1,3,12 | 1,3,12 |
| | 11.1.0.7.0 | Oracle Clusterware | Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| | | | ASM + Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| | | | ASM + ASMLib | 1,3,12 | 1,3,12 | 1,3,12 |
| | 11.1.0.7.0 + Patch 8833297 | Oracle Clusterware | OCFS2 | 1,3,14 | 1,3,14 | 1,3,14 |
| | | | Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| | | | Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| Red Hat Linux 5.3 (x64 / x86_64) Kernels 2.6.18-128.el5 | 11.2.0.1.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,17 | 1,3,13,16,17 | 1,3,13,16,17 |
| | | | Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| | 11.2.0.2.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16 | 1,3,13,16 | 1,3,13,16 |
| | | | ASM + ASMLib | 1,3,12,16 | 1,3,12,16 | 1,3,12,16 |
| | 11.2.0.3.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,22 | 1,3,13,16,22 | 1,3,13,16,22 |
| | | | ASM + ASMLib | 1,3,12,16,22 | 1,3,12,16,22 | 1,3,12,16,22 |
| | 11.2.0.2.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16 | 1,3,13,16 | 1,3,13,16 |
| | | | ASM + ASMLib | 1,3,12,16 | 1,3,12,16 | 1,3,12,16 |

25. Oracle 11g RAC

| | | | | | | |
|--|----------------------------|----------------------------|-----------------|-----------------|-----------------|-----------------|
| Red Hat Linux 5.8 (x86/ IA32) Kernels 2.6.18-308.el5 2.6.18-308.el5PAE | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | | | ASM + ASMLib | 1,3,12,19 | 1,3,12,19 | 1,3,12,19 |
| | | | OCFS2 | 1,3,14,19 | 1,3,14,19 | 1,3,14,19 |
| | 11.1.0.7.0 | Oracle Clusterware | ASM + Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | | | ASM + ASMLib | 1,3,12,19 | 1,3,12,19 | 1,3,12,19 |
| | | | OCFS2 | 1,3,14,19 | 1,3,14,19 | 1,3,14,19 |
| | | | Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | 11.2.0.1.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,17,19 | 1,3,13,16,17,19 | 1,3,13,16,17,19 |
| | 11.2.0.2.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,19 | 1,3,13,16,19 | 1,3,13,16,19 |
| Red Hat Linux 5.8 (x64 / x86_64) Kernels 2.6.18-308.el5 | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | | | ASM + ASMLib | 1,3,12,19 | 1,3,12,19 | 1,3,12,19 |
| | | | OCFS2 | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | 11.1.0.7.0 | Oracle Clusterware | ASM + Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | | | ASM + ASMLib | 1,3,12,19 | 1,3,12,19 | 1,3,12,19 |
| | | | OCFS2 | 1,3,14,19 | 1,3,14,19 | 1,3,14,19 |
| | | | Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | 11.1.0.7.0 + Patch 8833297 | Oracle Clusterware | ASM + Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | | | ASM + ASMLib | 1,3,12,19 | 1,3,12,19 | 1,3,12,19 |
| | | | OCFS2 | 1,3,14,19 | 1,3,14,19 | 1,3,14,19 |
| | | | Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | 11.2.0.1.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,17,19 | 1,3,13,16,17,19 | 1,3,13,16,17,19 |
| | 11.2.0.2.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,19 | 1,3,13,16,19 | 1,3,13,16,19 |
| | | | ASM + ASMLib | 1,3,12,16,19 | 1,3,12,16,19 | 1,3,12,16,19 |
| | 11.2.0.3.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,19,22 | 1,3,13,16,19,22 | 1,3,13,16,19,22 |
| | | ASM + ASMLib | 1,3,12,16,19,22 | 1,3,12,16,19,22 | 1,3,12,16,19,22 | |
| Red Hat Linux 5.9 (x86/ IA32) Kernels 2.6.18-348.el5 2.6.18-348.el5PAE | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | | | ASM + ASMLib | 1,3,12,19 | 1,3,12,19 | 1,3,12,19 |
| | | | OCFS2 | 1,3,14,19 | 1,3,14,19 | 1,3,14,19 |
| | 11.1.0.7.0 | Oracle Clusterware | ASM + Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | | | ASM + ASMLib | 1,3,12,19 | 1,3,12,19 | 1,3,12,19 |
| | | | OCFS2 | 1,3,14,19 | 1,3,14,19 | 1,3,14,19 |
| | | | Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | 11.2.0.1.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,17,19 | 1,3,13,16,17,19 | 1,3,13,16,17,19 |
| | 11.2.0.2.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,19 | 1,3,13,16,19 | 1,3,13,16,19 |
| Red Hat Linux 5.9 (x64 / x86_64) Kernels 2.6.18-348.el5 | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | | | ASM + ASMLib | 1,3,12,19 | 1,3,12,19 | 1,3,12,19 |
| | | | OCFS2 | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | 11.1.0.7.0 | Oracle Clusterware | ASM + Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | | | ASM + ASMLib | 1,3,12,19 | 1,3,12,19 | 1,3,12,19 |
| | | | OCFS2 | 1,3,14,19 | 1,3,14,19 | 1,3,14,19 |
| | | | Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | 11.1.0.7.0 + Patch 8833297 | Oracle Clusterware | ASM + Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | | | ASM + ASMLib | 1,3,12,19 | 1,3,12,19 | 1,3,12,19 |
| | | | OCFS2 | 1,3,14,19 | 1,3,14,19 | 1,3,14,19 |
| | | | Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | 11.2.0.1.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,17,19 | 1,3,13,16,17,19 | 1,3,13,16,17,19 |
| | 11.2.0.2.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,19 | 1,3,13,16,19 | 1,3,13,16,19 |
| | | | ASM + ASMLib | 1,3,12,16,19 | 1,3,12,16,19 | 1,3,12,16,19 |
| | 11.2.0.3.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,19,22 | 1,3,13,16,19,22 | 1,3,13,16,19,22 |
| | | ASM + ASMLib | 1,3,12,16,19,22 | 1,3,12,16,19,22 | 1,3,12,16,19,22 | |
| Red Hat Linux 5.10 (x86/ IA32) Kernels 2.6.18-371.el5 2.6.18-371.el5PAE | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | | | ASM + ASMLib | 1,3,12,19 | 1,3,12,19 | 1,3,12,19 |
| | | | OCFS2 | 1,3,14,19 | 1,3,14,19 | 1,3,14,19 |
| | 11.1.0.7.0 | Oracle Clusterware | ASM + Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | | | ASM + ASMLib | 1,3,12,19 | 1,3,12,19 | 1,3,12,19 |
| | | | OCFS2 | 1,3,14,19 | 1,3,14,19 | 1,3,14,19 |
| | | | Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | 11.2.0.1.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,17,19 | 1,3,13,16,17,19 | 1,3,13,16,17,19 |
| | 11.2.0.2.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,19 | 1,3,13,16,19 | 1,3,13,16,19 |
| Red Hat Linux 5.10 (x64 / x86_64) Kernels 2.6.18-371.el5 | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | | | ASM + ASMLib | 1,3,12,19 | 1,3,12,19 | 1,3,12,19 |
| | | | OCFS2 | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | 11.1.0.7.0 | Oracle Clusterware | ASM + Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | | | ASM + ASMLib | 1,3,12,19 | 1,3,12,19 | 1,3,12,19 |
| | | | OCFS2 | 1,3,14,19 | 1,3,14,19 | 1,3,14,19 |
| | | | Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | 11.1.0.7.0 + Patch 8833297 | Oracle Clusterware | ASM + Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | | | ASM + ASMLib | 1,3,12,19 | 1,3,12,19 | 1,3,12,19 |
| | | | OCFS2 | 1,3,14,19 | 1,3,14,19 | 1,3,14,19 |
| | | | Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | 11.2.0.1.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,17,19 | 1,3,13,16,17,19 | 1,3,13,16,17,19 |
| | 11.2.0.2.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,19 | 1,3,13,16,19 | 1,3,13,16,19 |
| | | | ASM + ASMLib | 1,3,12,16,19 | 1,3,12,16,19 | 1,3,12,16,19 |
| | 11.2.0.3.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,19,22 | 1,3,13,16,19,22 | 1,3,13,16,19,22 |
| | | ASM + ASMLib | 1,3,12,16,19,22 | 1,3,12,16,19,22 | 1,3,12,16,19,22 | |
| Red Hat Linux 5.11 (x86/ IA32) Kernels 2.6.18-398.el5 2.6.18-398.el5PAE | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | | | ASM + ASMLib | 1,3,12,19 | 1,3,12,19 | 1,3,12,19 |
| | | | OCFS2 | 1,3,14,19 | 1,3,14,19 | 1,3,14,19 |
| | 11.1.0.7.0 | Oracle Clusterware | ASM + Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | | | ASM + ASMLib | 1,3,12,19 | 1,3,12,19 | 1,3,12,19 |
| | | | OCFS2 | 1,3,14,19 | 1,3,14,19 | 1,3,14,19 |
| | | | Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | 11.2.0.1.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,17,19 | 1,3,13,16,17,19 | 1,3,13,16,17,19 |
| | 11.2.0.2.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,19 | 1,3,13,16,19 | 1,3,13,16,19 |

| | | | | | | |
|---|----------------------------|----------------------------|--------------------|-----------------|-----------------|-----------------|
| Red Hat Linux 5.11 (x64 / x86_64) Kernels 2.6.18-398.el5 | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | 11.1.0.7.0 | Oracle Clusterware | ASM + ASMLib | 1,3,12,19 | 1,3,12,19 | 1,3,12,19 |
| | | | OCFS2 | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | | | ASM + Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | | | ASM + ASMLib | 1,3,12,19 | 1,3,12,19 | 1,3,12,19 |
| | | | OCFS2 | 1,3,14,19 | 1,3,14,19 | 1,3,14,19 |
| | | | Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | 11.1.0.7.0 + Patch 8833297 | Oracle Clusterware | ASM + Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | | | ASM + ASMLib | 1,3,12,19 | 1,3,12,19 | 1,3,12,19 |
| | | | OCFS2 | 1,3,14,19 | 1,3,14,19 | 1,3,14,19 |
| | | | Raw | 1,3,13,19 | 1,3,13,19 | 1,3,13,19 |
| | 11.2.0.1.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,17,19 | 1,3,13,16,17,19 | 1,3,13,16,17,19 |
| | 11.2.0.2.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,19 | 1,3,13,16,19 | 1,3,13,16,19 |
| | | | ASM + ASMLib | 1,3,12,16,19 | 1,3,12,16,19 | 1,3,12,16,19 |
| | 11.2.0.3.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,19,22 | 1,3,13,16,19,22 | 1,3,13,16,19,22 |
| | | | ASM + ASMLib | 1,3,12,16,19,22 | 1,3,12,16,19,22 | 1,3,12,16,19,22 |
| Red Hat Linux 6 (x64 / x86_64) Kernels 2.6.32-71.el6.x86_64 | 11.2.0.3.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,19,20,22 | 1,3,13,19,20,22 | 1,3,13,19,20,22 |
| | 11.2.0.4.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,19,21,22 | 1,3,13,19,21,22 | 1,3,13,19,21,22 |
| Red Hat Linux 6.1 (x64 / x86_64) Kernels 2.6.32-2.6.32-131.0.15.el6.x86_64 | 11.2.0.3.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,19,20,22 | 1,3,13,19,20,22 | 1,3,13,19,20,22 |
| | 11.2.0.4.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,19,21,22 | 1,3,13,19,21,22 | 1,3,13,19,21,22 |
| Red Hat Linux 6.2 (x64 / x86_64) Kernels 2.6.32-220.el6.x86_64 | 11.2.0.3.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,19,20,22 | 1,3,13,19,20,22 | 1,3,13,19,20,22 |
| | 11.2.0.4.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,19,21,22 | 1,3,13,19,21,22 | 1,3,13,19,21,22 |
| Red Hat Linux 6.3 (x64 / x86_64) Kernels 2.6.32-279.el6.x86_64 | 11.2.0.3.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,19,20,22 | 1,3,13,19,20,22 | 1,3,13,19,20,22 |
| | 11.2.0.4.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,19,21,22 | 1,3,13,19,21,22 | 1,3,13,19,21,22 |
| Red Hat Linux 6.4 (x64 / x86_64) Kernels 2.6.32-358.el6.x86_64 | 11.2.0.3.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,19,20,22 | 1,3,13,19,20,22 | 1,3,13,19,20,22 |
| | 11.2.0.4.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,19,21,22 | 1,3,13,19,21,22 | 1,3,13,19,21,22 |
| Red Hat Linux 6.5(x64 / x86_64) Kernels 2.6.32-431.el6.x86_64 | 11.2.0.3.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,19,20,22 | 1,3,13,19,20,22 | 1,3,13,19,20,22 |
| | 11.2.0.4.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,19,21,22 | 1,3,13,19,21,22 | 1,3,13,19,21,22 |
| | | | ASM + ASMLib 2.0.6 | 1,3,12,19,21,22 | 1,3,12,19,21,22 | 1,3,12,19,21,22 |
| Red Hat Linux 6.6(x64 / x86_64) Kernels 2.6.32-504.el6.x86_64 | 11.2.0.3.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,19,20,22 | 1,3,13,19,20,22 | 1,3,13,19,20,22 |
| | 11.2.0.4.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,19,21,22 | 1,3,13,19,21,22 | 1,3,13,19,21,22 |
| Red Hat Linux 6.7(x64 / x86_64) Kernels 2.6.32-573.el6.x86_64 | 11.2.0.3.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,19,20,22 | 1,3,13,19,20,22 | 1,3,13,19,20,22 |
| | 11.2.0.4.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,19,21,22 | 1,3,13,19,21,22 | 1,3,13,19,21,22 |
| SuSE Linux 10 (IA32 / x86) Kernels Security Fix 2.6.16.46-0.14-default 2.6.16.46-0.14-smp 2.6.16.46-0.14-bigsmp | 11.1.0.6.0 | Oracle Clusterware | ASM+Raw | | | |
| SuSE Linux 10 (x64 / x86_64) Kernels 2.6.16.60-0.85.1-default or 2.6.16.60-0.85.1-smp or 2.6.16.60-0.85.1-xen | 11.2.0.3.0 | Oracle Clusterware | ASM+Raw | 1,3,13,16,22 | 1,3,13,16,22 | 1,3,13,16,22 |
| SuSE Linux 11 (x64 / x86_64) Kernels 3.0.13-0.27-default | 11.2.0.3.0 | Oracle Clusterware | ASM+Raw | 1,3,13,16,22 | 1,3,13,16,22 | 1,3,13,16,22 |
| Oracle Unbreakable Enterprise Kernel 5.6 (x64 / x86_64) Kernels 2.6.32-100.26.2.el5 | 11.1.0.7.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,19 | 1,3,13,16,19 | 1,3,13,16,19 |
| | 11.2.0.3.0 | | ASM + Raw | 1,3,13,16,19,22 | 1,3,13,16,19,22 | 1,3,13,16,19,22 |
| Oracle Unbreakable Enterprise Kernel 5.7 (IA32 / x86) Kernels 2.6.32-200.13.1.el5uek | 11.2.0.3.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,19,22 | 1,3,13,16,19,22 | 1,3,13,16,19,22 |
| Oracle Unbreakable Enterprise Kernel 5.7 (IA32 / x86) Kernels 2.6.32-300.27.1.el5uek | 11.2.0.3.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,19,22 | 1,3,13,16,19,22 | 1,3,13,16,19,22 |
| Oracle Unbreakable Enterprise Kernel 5.7 (x64 / x86_64) Kernels 2.6.32-200.13.1.el5uek | 11.2.0.3.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,19,22 | 1,3,13,16,19,22 | 1,3,13,16,19,22 |
| Oracle Unbreakable Enterprise Kernel 5.7 (x64 / x86_64) Kernels 2.6.32-300.27.1.el5uek | 11.2.0.3.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,19,22 | 1,3,13,16,19,22 | 1,3,13,16,19,22 |
| Oracle Unbreakable Enterprise Kernel 5.8 (x64 / x86_64) Kernels 2.6.32-300.39.2.el5uek | 11.2.0.3.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,19,22 | 1,3,13,16,19,22 | 1,3,13,16,19,22 |
| Oracle Unbreakable Enterprise Kernel 6.2 (x64 / x86_64) Kernels 2.6.39-200.29.1.el6uek.x86_64 | 11.2.0.3.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,19,22 | 1,3,13,16,19,22 | 1,3,13,16,19,22 |

| | | | | | | |
|--|------------|----------------------------|-----------|-----------------|-----------------|-----------------|
| Oracle Unbreakable Enterprise Kernel 6.3 (x64 / x86_64) Kernels 2.6.39-200.24.1.el6uek.x86_64 | 11.2.0.3.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,19,22 | 1,3,13,16,19,22 | 1,3,13,16,19,22 |
| Oracle Unbreakable Enterprise Kernel 6.4 (x64 / x86_64) Kernels 2.6.39-400.211.1.el6uek.x86_64 | 11.2.0.4.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,19,22 | 1,3,13,16,19,22 | 1,3,13,16,19,22 |

| | | | | | | |
|--|------------|----------------------------|-----------|-----------------|-----------------|-----------------|
| Oracle Unbreakable Enterprise Kernel 6.5 (x64 / x86_64) Kernels 3.8.13-16.2.1.el6uek.x86_64 | 11.2.0.4.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,19,22 | 1,3,13,16,19,22 | 1,3,13,16,19,22 |
| Oracle Unbreakable Enterprise Kernel 6.5 (Security Fix) X64 / x86_64 Processors Kernel 3.8.13-44.el6uek.x86_64 | 11.2.0.3.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16,19,22 | 1,3,13,16,19,22 | 1,3,13,16,19,22 |
| Oracle Enterprise Linux 5.1 (IA32 / x86) Kernels 2.6.18-53.el5 2.6.18-53.el5 PAE | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| Oracle Enterprise Linux 5.1 (x64 / x86_64) Kernels 2.6.18-53.el5 | 11.1.0.6.0 | Oracle Clusterware | ASM + Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| Oracle Enterprise Linux 5.4 (IA32 / x86) Kernels 2.6.18-164.el5 2.6.18-164.el5 PAE | 11.2.0.2.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16 | 1,3,13,16 | 1,3,13,16 |
| Oracle Enterprise Linux 5.4 (x64 / x86_64) Kernels 2.6.18-164.el5 | 11.2.0.2.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16 | 1,3,13,16 | 1,3,13,16 |
| Oracle Enterprise Linux 5.7 (IA32 / x86) Kernels 2.6.18-274.el5 2.6.18-274.el5 PAE | 11.1.0.7.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16 | 1,3,13,16 | 1,3,13,16 |
| | | | Raw | 1,3,13 | 1,3,13 | 1,3,13 |
| Oracle Enterprise Linux 5.7 (x64 / x86_64) Kernels 2.6.18-274.el5 | 11.1.0.7.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,16 | 1,3,13,16 | 1,3,13,16 |
| | | | Raw | 1,3,13 | 1,3,13 | 1,3,13 |

| Operating System Name | Oracle Version | Cluster | Volume Manager | HDLM Version | | |
|--|----------------|--|----------------|--------------|-----|-----|
| | | | | 6.1 | 6.0 | 6.1 |
| HP-UX 11iV2 (Itanium) September 2004 May 2005 December 2005 March 2006 June 2006 September 2006 June 2007 December 2007 June 2008 | 11.1.0.6.0 | Oracle Clusterware | ASM | 1,3 | 1,3 | 1,3 |
| | | ServiceGuard 11.18 Oracle Clusterware | LVM | 1,3 | 1,3 | 1,3 |
| | 11.1.0.7.0 | Oracle Clusterware | ASM | 1,3 | 1,3 | 1,3 |
| | | ServiceGuard 11.18 Oracle Clusterware | LVM | 1,3 | 1,3 | 1,3 |
| | | ServiceGuard 11.19 Oracle Clusterware | LVM | 1,3 | 1,3 | 1,3 |
| | | | | | | |
| HP-UX 11iV2 (PA-RISC) September 2004 May 2005 December 2005 March 2006 June 2006 September 2006 June 2007 December 2007 June 2008 | 11.1.0.6.0 | Oracle Clusterware | ASM | 1,3 | 1,3 | 1,3 |
| | | ServiceGuard 11.18 Oracle Clusterware | LVM | 1,3 | 1,3 | 1,3 |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|--|
| | 1 When using HDLM with Oracle 10g RAC 10.1.0.3.0 and later versions, we recommend that you set the I/O timeout period (MISSCOUNT) of the voting disk to a value higher than the number of paths to the voting disk x yy seconds (yy is 60 for RAID models, and 30 for DF models.). If the MISSCOUNT value is smaller than the recommended value and an I/O timeout occurs on the path for the voting disk, RAC will recognize the I/O timeout before HDLM can use all paths by performing a failover. For inquiries about changing the MISSCOUNT value, contact Oracle Support Services. |
| | 3 Set the DISKTIMEOUT value as follows when using Oracle RAC 10g 10.2.0.2.0 or later versions: DISKTIMEOUT = 60 x Number of paths Do not modify the DISKTIMEOUT value if the result of the above is lower than the default value of 200. In addition, if the relationship between MISSCOUNT and DISKTIMEOUT is (MISSCOUNT >= DISKTIMEOUT), an error may occur in Oracle due to Oracle specifications. If an error occurs, set a MISSCOUNT value that is larger than the DISKTIMEOUT value: for example, set a value of (DISKTIMEOUT value + 1). For details, contact the Oracle support service. |
| | 4 When using TechnologyLevel05, apply APAR IY92037. |
| | 5 In this configuration, the problem below occurs in Oracle (Oracle BUG: 5131219). Therefore, customers must understand the restrictions caused by this problem in advance. When a path failure occurs in a node, and node 1 (the node that operates DB instances, whose instance number = 1) is shut down, the above node with the path failure sometimes incorrectly reboots. |
| | 6 Regarding the I/O timeout value (MISSCOUNT), set a higher value of the following two: - 600 seconds (a default value of Oracle Clusterware in a Sun Cluster environment) - number-of-paths-to-voting-disk x yy seconds (yy is 60 for Enterprise storage systems, 30 for Modular storage systems) For questions about how to change the MISSCOUNT value, contact Oracle Support Services. |
| | 7 RAC accesses storage system by using a Oracle Solaris Cluster device ID. |
| | 8 Support only 2 node configuration. |
| | 9 The following conditions apply to this configuration: - RAC cannot use LUs whose EFI label setting is enabled. - RAC cannot use ZFS. |
| | 10 Only "pathcount" is supported for a setting of SCSI protocol (fencing protocol) of storage system device. For the setting of SCSI protocol (fencing protocol) of storage system device, refer to the manual of Sun Cluster. |
| | 11 ASM accesses storage system by using a Oracle Solaris Cluster device ID. |
| | 12 ASMLib (ASMLib kernel driver) |
| | 13 Linux supports the use of /dev/Raw/Rawxx Raw devices. |
| | 14 When you use Oracle Cluster file System 2 in an Oracle RAC environment, set the O2CB_HEARTBEAT_THRESHOLD parameter in the /etc/sysconfig/o2cbf file to the following value: (Number of paths connected to Oracle Cluster file System 2 x yy seconds / 2) + 1 (yy is 60 for RAID models, and 30 for DF models.) |
| | 15 Create volumes by using CVM (Cluster Volume Manager). |
| | 16 Shared file systems created by ADVM (ASM Dynamic Volume Manager) and ACFS (ASM Cluster File System) cannot be used for areas of the archive REDO log. |
| | 17 HDLM device names can be specified directly for ASM. |
| | 18 HDLM for Windows does not support configurations where Oracle RAC is installed on OCFS to share Oracle Home with multiple nodes. |
| | 19 iSCSI environments are not supported. |
| | 20 The archive REDO log can be stored in a shared file system created by ADVM (ASM Dynamic Volume Manager) and ACFS (ASM Cluster File System). However, PSU 11.2.0.3.3 or later is required. |
| | 21 The archive REDO log can be stored in a shared file system created by ADVM (ASM Dynamic Volume Manager) and ACFS (ASM Cluster File System). |
| | 22 It is recommended that you use external redundancy for ASM disk groups. To use normal or high redundancy, contact the Oracle Corporation. |
| | 23 Applying patch 13 (11.2.0.4.13) or later is required. |

Supported Oracle 12c RAC Configurations

| Operating System Name | Oracle Version | Cluster | Volume Manager | HDLM Version | | |
|--------------------------------|----------------|--------------------|----------------|--------------|--------|--------|
| | | | | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows 2012 (x64 / x86_64) | 12.1.0.2 | Oracle Clusterware | ASM | 1,3,22 | 1,3,22 | 1,3,22 |
| Windows 2012 R2 (x64 / x86_64) | 12.1.0.2 | Oracle Clusterware | ASM | 1,3,22 | 1,3,22 | 1,3,22 |

| Operating System Name | Oracle Version | Cluster | Volume Manager | HDLM Version | | |
|-----------------------|----------------|----------------------------|----------------|--------------|--------------|--------------|
| | | | | 8.2.0 | 8.2.1 | 8.4.0 |
| Solaris 11.1 (SPARC) | 12.1.0.2.0 | Oracle Grid Infrastructure | ASM | 1,3,22,24,25 | 1,3,22,24,25 | 1,3,22,24,25 |
| Solaris 11.2 (SPARC) | 12.1.0.2.0 | Oracle Grid Infrastructure | ASM | 1,3,22,24,25 | 1,3,22,24,25 | 1,3,22,24,25 |
| Solaris 11.3 (SPARC) | 12.1.0.2.0 | Oracle Grid Infrastructure | ASM | | | |

| Operating System Name | Oracle Version | Cluster | Volume Manager | HDLM Version | | |
|------------------------|----------------|----------------------------|----------------|--------------|--------|--------|
| | | | | 8.2.0 | 8.2.1 | 8.4.0 |
| AIX 7.1 (POWER 64 Bit) | 12.1.0.2.0 | Oracle Grid Infrastructure | ASM | 1,3,22 | 1,3,22 | 1,3,22 |
| AIX 7.2 (POWER 64 Bit) | 12.1.0.2.0 | Oracle Grid Infrastructure | ASM | | 1,3,22 | 1,3,22 |

| Operating System Name | Oracle Version | Cluster | Volume Manager | HDLM Version | | |
|---|----------------|----------------------------|----------------|-----------------|-----------------|-----------------|
| | | | | 8.2.0 | 8.2.1 | 8.4.0 |
| Red Hat Linux 6 (x64 / x86_64) Kernels 2.6.32-71.el6.x86_64 | 12.1.0.2.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,19,22 | 1,3,13,19,22 | 1,3,13,19,22 |
| Red Hat Linux 6.1 (x64 / x86_64) Kernels 2.6.32-2.6.32-131.0.15.el6.x86_64 | 12.1.0.2.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,19,22 | 1,3,13,19,22 | 1,3,13,19,22 |
| Red Hat Linux 6.2 (x64 / x86_64) Kernels 2.6.32-220.el6.x86_64 | 12.1.0.2.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,19,22 | 1,3,13,19,22 | 1,3,13,19,22 |
| Red Hat Linux 6.3 (x64 / x86_64) Kernels 2.6.32-279.el6.x86_64 | 12.1.0.2.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,19,22 | 1,3,13,19,22 | 1,3,13,19,22 |
| Red Hat Linux 6.4 (x64 / x86_64) Kernels 2.6.32-358.el6.x86_64 | 12.1.0.2.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,19,22 | 1,3,13,19,22 | 1,3,13,19,22 |
| Red Hat Linux 6.5(x64 / x86_64) Kernels 2.6.32-431.el6.x86_64 | 12.1.0.2.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,19,22 | 1,3,13,19,22 | 1,3,13,19,22 |
| Red Hat Linux 6.6(x64 / x86_64) Kernels 2.6.32-504.el6.x86_64 | 12.1.0.2.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,19,22 | 1,3,13,19,22 | 1,3,13,19,22 |
| Red Hat Linux 6.7(x64 / x86_64) Kernels 2.6.32-573.el6.x86_64 | 12.1.0.2.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,19,22 | 1,3,13,19,22 | 1,3,13,19,22 |
| Oracle Unbreakable Enterprise Kernel 6.5 (x64 / x86_64) Kernels 3.8.13-16.2.1.el6uek.x86_64 | 12.1.0.2.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,19,22 | 1,3,13,19,22 | 1,3,13,19,22 |
| Oracle Unbreakable Enterprise Kernel 7 (x64 / x86_64) Kernels 3.8.13-44.el7uek.x86_64 | 12.1.0.2.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,19,22 | 1,3,13,19,22 | 1,3,13,19,22 |
| Oracle Linux 7 (x64 / x86_64) Kernels 3.10.0-123.el7.x86_64 | 12.1.0.2.0 | Oracle Grid Infrastructure | ASM + Raw | 1,3,13,19,22,23 | 1,3,13,19,22,23 | 1,3,13,19,22,23 |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|--|
| 1 | When using HDLM with Oracle 10g RAC 10.1.0.3.0 and later versions, we recommend that you set the I/O timeout period (MISSCOUNT) of the voting disk to a value higher than the number of paths to the voting disk x yy seconds (yy is 60 for RAID models, and 30 for DF models.). If the MISSCOUNT value is smaller than the recommended value and an I/O timeout occurs on the path for the voting disk, RAC will recognize the I/O timeout before HDLM can use all paths by performing a failover. For inquiries about changing the MISSCOUNT value, contact Oracle Support Services. |
| 3 | Set the DISKTIMEOUT value as follows when using Oracle RAC 10g 10.2.0.2.0 or later versions: DISKTIMEOUT = 60 x Number of paths Do not modify the DISKTIMEOUT value if the result of the above is lower than the default value of 200. In addition, if the relationship between MISSCOUNT and DISKTIMEOUT is (MISSCOUNT >= DISKTIMEOUT), an error may occur in Oracle due to Oracle specifications. If an error occurs, set a MISSCOUNT value that is larger than the DISKTIMEOUT value: for example, set a value of (DISKTIMEOUT value + 1). For details, contact the Oracle support service. |
| 13 | Linux supports the use of /dev/Raw/Rawxx Raw devices. |
| 19 | iSCSI environments are not supported. |
| 21 | The archive REDO log can be stored in a shared file system created by ADVM (ASM Dynamic Volume Manager) and ACFS (ASM Cluster File System). |
| 22 | It is recommended that you use external redundancy for ASM disk groups. To use normal or high redundancy, contact the Oracle Corporation. |
| 23 | Oracle Cloud File System is usable; however, applying PATCH P18321597 is required. |

| | |
|--|---|
| | <p>24 If the database instance is forcibly terminated during a path failover, perform the following, and then adjust the HBA timeout value.</p> <ul style="list-style-type: none">- Add the following line to the /kernel/drv/fp.conf file: fp_offline_ticker = (timeout value of the fp driver);- Add the following line to the /kernel/drv/fcp.conf file: fcp_offline_delay = (timeout value of the fcp driver); <p>Set the timeout value of the fp driver and the timeout value of the fcp driver so that the total of the two is a maximum of 70, and then reboot the host.</p> |
| | <p>25 The following conditions apply to this configuration:</p> <ul style="list-style-type: none">- RAC cannot use ZFS. |

| Centralized Management Console(HGLM) Supported Operating Systems | | | | | | |
|--|--|--------------|--------------|-------|-------|-------|
| HGLM cannot be installed in the server where Command View XP AE Device Manager is installed. | | | | | | |
| Microsoft Windows | | | | HGLM | | |
| OS Name | Version | Service Pack | Architecture | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows Server 2003 | Standard Edition Enterprise Edition Datacenter Edition | SP2 | IA32 / x86 | | | |
| | R2 Standard Edition R2 Enterprise Edition R2 Datacenter Edition | SP2 | | | | |
| Windows XP | Professional Edition | SP2 | IA32 / x86 | | | |
| | | SP3 | | | | |
| Windows Vista | Business Edition Enterprise Edition Ultimate Edition | No SP | IA32 / x86 | | | |
| | | SP1 | IA32 / x86 | | | |
| | | SP2 | IA32 / x86 | | | |
| Windows Server 2008 | Standard 32-bit Edition Enterprise 32-bit Edition Datacenter 32-bit Edition Standard without Hyper-V 32-bit Edition Enterprise without Hyper-V 32-bit Edition Datacenter without Hyper-V 32-bit Edition | No SP | IA32 / x86 | | | |
| | Standard Edition Enterprise Edition Datacenter Edition Standard without Hyper-V Edition Enterprise without Hyper-V Edition Datacenter without Hyper-V Edition | No SP | x64 / x86_64 | | | |
| | Standard 32-bit Edition Enterprise 32-bit Edition Datacenter 32-bit Edition Standard without Hyper-V 32-bit Edition Enterprise without Hyper-V 32-bit Edition Datacenter without Hyper-V 32-bit Edition | SP2 | IA32 / x86 | | | |
| | Standard Edition Enterprise Edition Datacenter Edition Standard without Hyper-V Edition Enterprise without Hyper-V Edition Datacenter without Hyper-V Edition | SP2 | x64 / x86_64 | | | |
| | R2 Standard Edition R2 Enterprise Edition R2 Datacenter Edition | No SP | x64 / x86_64 | | | |
| | R2 Standard Edition R2 Enterprise Edition R2 Datacenter Edition | SP1 | x64 / x86_64 | | | |
| | | | | | | |
| Windows 7 | Professional Edition Enterprise Edition Ultimate Edition | No SP | IA32 / x86 | | | |
| | | | x64 / x86_64 | | | |
| | | SP1 | IA32 / x86 | | | |
| | | | x64 / x86_64 | | | |
| Windows Server 2012 | Essentials Edition Standard Edition Datacenter Edition | No SP | x64 / x86_64 | | | |
| | R2 Essentials Edition R2 Standard Edition R2 Datacenter Edition | No SP | x64 / x86_64 | | | |
| Supported | | | | | | |
| Not Supported | | | | | | |

| Centralized Management Console(HGLM) Supported Functions | | HGLM | | |
|---|--|-------|-------|-------|
| | | 8.2.0 | 8.2.1 | 8.4.0 |
| Host Management | Displaying / Modifying Host Information | | | |
| | Adding / Deleting Host | | | |
| | Host Discovery by IP Address Range | | | |
| | VMware ESXi Host Discovery | | | |
| | Scheduled Host Discovery by IP Address Range | | | |
| | Automatic / Scheduled Host Refresh | | | |
| | Discover Hosts by IPv6 | 4 | 4 | 4 |
| | global-active device non-preferred path option refresh | | | |
| | Displaying Refresh Failed Hosts | | | |
| | Displaying CHA and HBA ports as icons | | | |
| Modify Multipathing Settings | Load Balancing for Each LU | 1 | 1 | 1 |
| | Path use times | 8 | 8 | 8 |
| | Path Health Checking | | | |
| | Auto Failback | | | |
| | Intermittent Error Monitor | | | |
| | Dynamic I/O path Control | | | |
| | Log / Trace Settings | | | |
| | Multi Host setting | | | |
| Path Management | Path use time for random I/O | 6 | 6 | 6 |
| | Displaying Path Information | | | |
| | Bring Paths Online / Take Paths Offline | | | |
| | Display HBA Port WWN | 4 | 4 | 4 |
| | Displaying LDEV Label | 5 | 5 | 5 |
| | Adds/Deletes a Path Dynamically | | | |
| Alert Management | Filtering of Paths | | | |
| | Receive and Display Path Failure Alerts | | | |
| | Forward Path Failure Alerts to External Application | | | |
| | Alert receiving/forwarding in SNMPv3(*7) | | | |
| | Alert creation for HDLM 5.7 or earlier | | | |
| | Filtering of Alert Console View | | | |
| | E-mail Alert notification | | | |
| | Send test E-mail | | | |
| Group Management | Lost Path Check Option | | | |
| | Host Group | | | |
| CSV Export Reporting | Resource Group | | | |
| | All Multipathing Configuration Data | | | |
| | All Multipathing Configuration Data (CLI) | | | |
| | Historical Path Availability Data | | | |
| Other | Silent Installation | | | |
| | Installation On Server Using IPv6 | 2, 3 | 2, 3 | 2, 3 |
| | Changing of the GUI color | | | |
| | Making it easy to perform setup before and after installation. | | | |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|---|
| 1 | HDLM 5.8 or later is required. |
| 2 | Currently not supported with MSCS. If MSCS is required, please contact appropriate person in HDS for an Interoperability Support Request (ISR) for testing. |
| 3 | Only IPv6 is not supported. The server must be configured for both IPv4 and IPv6 networks. |
| 4 | Connecting to a host using HDLM 6.1 or later is required. |
| 5 | HDvM 6.0 or later is required. |
| 6 | HDLM 8.1.2 or later is required. |
| 7 | To receive alerts of SNMPv3, HDLM 8.2.0 or later is required. |
| 8 | HDLM 7.4.1 or later is required. |

| Centralized Management Console(HGLM) Supported Path Manager | | HGLM | | |
|--|----------------------|-------|-------|-------|
| | | 8.2.0 | 8.2.1 | 8.4.0 |
| JP1/HiCommand Dynamic Link Manager | 5.2 or later(*1)(*2) | | | |
| Hitachi Dynamic Link Manager Software | 6.0 or later(*1) | | | |
| Symantec Volume Manager for Solaris (*3) | 5.0 (*4) | | | |
| Symantec Volume Manager for Windows (*3) | 5.1 (*6) | 7 | 7 | 7 |
| HP-UX 11iv3 Native Multipathing | 11iv3 | | | |

| Supported Storage Systems that can be managed by HGLM (Symantec Volume Manager (*3)) | | HGLM | | |
|---|--|-------|-------|-------|
| | | 8.2.0 | 8.2.1 | 8.4.0 |
| Storage name | | | | |
| Hitachi Lightning 9900V | | | | |
| Hitachi Universal Storage Platform | | | | |
| Hitachi Universal Storage Platform V | | | | |
| Hitachi Universal Storage Platform VM | | | | |
| Hitachi Virtual Storage Platform | | | | |
| Hitachi Virtual Storage Platform G1000 | | | | |
| Hitachi Network Storage Controller NSC55 | | | | |
| Hitachi Thunder 9530V | | | | |
| Hitachi Thunder 9570V | | | | |
| Hitachi Thunder 9580V | | | | |
| Hitachi Adaptable Modular Storage AMS200 | | | | |
| Hitachi Adaptable Modular Storage AMS500 | | | | |
| Hitachi Adaptable Modular Storage AMS1000 | | | | |
| Hitachi Adaptable Modular Storage AMS2100 | | | | |
| Hitachi Adaptable Modular Storage AMS2300 | | | | |
| Hitachi Adaptable Modular Storage AMS2500 | | | | |
| Hitachi Workgroup Modular Storage WMS100 | | | | |
| SMS | | | | |
| HP StorageWorks XP128 Disk Array | | | | |
| HP StorageWorks XP1024 Disk Array | | | | |
| HP StorageWorks XP10000 Disk Array | | | | |
| HP StorageWorks XP12000 Disk Array | | | | |
| HP StorageWorks XP20000 Disk Array | | | | |
| HP StorageWorks XP24000 Disk Array | | | | |
| HP StorageWorks P9500 Disk Array | | | | |
| HP XP7 Storage | | | | |
| SVS | | | | |
| Hitachi Unified Storage 110 | | | | |
| Hitachi Unified Storage 130 | | | | |
| Hitachi Unified Storage 150 | | | | |
| Hitachi Unified Storage VM | | | | |

| Supported Storage Systems (HP-UX 11iv3 Native Multipathing) | | HGLM | | |
|--|--|-------|-------|-------|
| | | 8.2.0 | 8.2.1 | 8.4.0 |
| Storage name | | | | |
| Hitachi Lightning 9900V | | | | |
| Hitachi Universal Storage Platform | | | | |
| Hitachi Universal Storage Platform V | | | | |
| Hitachi Universal Storage Platform VM | | | | |
| Hitachi Virtual Storage Platform | | | | |
| Hitachi Virtual Storage Platform G1000 | | | | |
| Hitachi Network Storage Controller NSC55 | | | | |
| Hitachi Thunder 9530V | | | | |
| Hitachi Thunder 9570V | | | | |
| Hitachi Thunder 9580V | | | | |
| Hitachi Adaptable Modular Storage AMS200 | | | | |
| Hitachi Adaptable Modular Storage AMS500 | | | | |
| Hitachi Adaptable Modular Storage AMS1000 | | | | |
| Hitachi Adaptable Modular Storage AMS2100 | | | | |
| Hitachi Adaptable Modular Storage AMS2300 | | | | |
| Hitachi Adaptable Modular Storage AMS2500 | | | | |
| Hitachi Workgroup Modular Storage WMS100 | | | | |
| SMS | | | | |
| HP StorageWorks XP128 Disk Array | | | | |
| HP StorageWorks XP1024 Disk Array | | | | |
| HP StorageWorks XP10000 Disk Array | | | | |
| HP StorageWorks XP12000 Disk Array | | | | |
| HP StorageWorks XP20000 Disk Array | | | | |
| HP StorageWorks XP24000 Disk Array | | | | |
| HP StorageWorks P9500 Disk Array | | | | |
| HP XP7 Storage | | | | |
| SVS | | | | |
| Hitachi Unified Storage 110 | | | | |
| Hitachi Unified Storage 130 | | | | |
| Hitachi Unified Storage 150 | | | | |
| Hitachi Unified Storage VM | | | | |
| Hitachi Virtual Storage Platform G200 | | | | |
| Hitachi Virtual Storage Platform G400 | | | | |
| Hitachi Virtual Storage Platform G600 | | | | |
| Hitachi Virtual Storage Platform G800 | | | | |
| Hitachi Virtual Storage Platform F400 | | | 8 | 8 |
| Hitachi Virtual Storage Platform F600 | | | 8 | 8 |
| Hitachi Virtual Storage Platform F800 | | | 8 | 8 |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|--|
| 1 | For details about the environment, see the "27-2. Mgmt Console (HDLN)" sheet. |
| 2 | If the HDLM version is earlier than version 5.8, then Hitachi Device Manager (HDvM) Agent version 3.5 or later must be installed on the same host as HDLM. |
| 3 | Dynamic Multipathing (DMP), which is the Veritas Volume Manager path management functionality, is supported. |

| | |
|---|--|
| 4 | The supported OS versions are Solaris 9 and Solaris 10. |
| 6 | The supported OS versions are Windows Server 2003 R2 SP2 and Windows Server 2008 No SP. |
| 7 | DMP 5.1 without AP, or with AP1 or SP1, is supported. |
| 8 | If the micro version of the storage system is 83-02-01-XX/XX, "VSP_Gx000" is displayed for the model ID of the storage system in HGLM. |

Centralized Management Console(HGLM)
Supported HDLM Versions

| Microsoft Windows | | | | | HGLM | | |
|---------------------|--|--------------|----------------|----------------------|-------|-------|-------|
| OS Name | Version | Service Pack | Architecture | Minimum HDLM Version | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows 2000 | Server | SP4 | IA32 / x86 | 5.2 | 1,2 | 1,2 | 1,2 |
| | Advanced Server Datacenter Server | | | | | | |
| Windows Server 2003 | Standard Edition Web Edition Enterprise Edition Datacenter Edition | No SP | IA32 / x86 | 5.2 | 3 | 3 | 3 |
| | | SP1 | | 5.4 | 3 | 3 | 3 |
| | | SP2 | | 5.9 | 3 | 3 | 3 |
| | Enterprise Edition Datacenter Edition | No SP | IA64 / Itanium | 5.2 | 3 | 3 | 3 |
| | | SP1 | | 5.4 | 3 | 3 | 3 |
| | | SP2 | | 5.9 | 3 | 3 | 3 |
| | Standard x64 Edition Enterprise x64 Edition Datacenter x64 Edition | No SP | x64 / x86_64 | 5.7 | 3 | 3 | 3 |
| | | SP2 | | 5.9 | 3 | 3 | 3 |
| | R2 Standard Edition R2 Enterprise Edition R2 Datacenter Edition | No SP | IA32 / x86 | 5.8 | 1, 3 | 1, 3 | 1, 3 |
| | | SP2 | | 5.9 | 3 | 3 | 3 |
| | R2 Standard x64 Edition R2 Enterprise x64 Edition R2 Datacenter x64 Edition | No SP | x64 / x86_64 | 5.8 | 1, 3 | 1, 3 | 1, 3 |
| | | SP2 | | 5.9 | 3 | 3 | 3 |
| Windows Server 2008 | Standard 32-bit Edition Enterprise 32-bit Edition Datacenter 32-bit Edition Standard without Hyper-V 32-bit Edition Enterprise without Hyper-V 32-bit Edition Datacenter without Hyper-V 32-bit Edition | No SP | IA32 / x86 | 5.9.5 | | | |
| | | | IA64 / Itanium | 5.9.5 | | | |
| | | | x64 / x86_64 | 5.9.5 | | | |
| | | SP2 | IA32 / x86 | 6.1.0 | | | |
| | | | IA64 / Itanium | 6.1.0 | | | |
| | | | x64 / x86_64 | 6.1.0 | | | |
| | Standard Edition Enterprise Edition Datacenter Edition | No SP | IA32 / x86 | 6.1.0 | | | |
| | | SP2 | | 6.2.0 | | | |
| | Standard Edition Enterprise Edition Datacenter Edition | No SP | x64 / x86_64 | 6.1.0 | | | |
| | | SP2 | | 6.2.0 | | | |
| | Itanium-based Systems | No SP | IA64 / Itanium | 6.1.0 | | | |
| | | SP2 | | 6.2.0 | | | |
| | R2 Standard Edition R2 Enterprise Edition R2 Datacenter Edition R2 Standard without Hyper-V Edition R2 Enterprise without Hyper-V Edition R2 Datacenter without Hyper-V Edition | No SP | x64 / x86_64 | 6.2.0 | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | R2 Itanium-based Systems | No SP | IA64 / Itanium | 6.2.0 | | | |
| | | SP1 | IA64 / Itanium | 6.2.0 | | | |
| Windows Server 2012 | Essentials Edition Standard Edition Datacenter Edition | No SP | x64 / x86_64 | 7.4.0 | | | |
| | R2 Essentials Edition R2 Standard Edition R2 Datacenter Edition | No SP | x64 / x86_64 | 7.6.0 | | | |

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| Supported | |
| Not Supported | |

| Notes | |
|-------|--|
| 1 | If the HDLM version is earlier than version 5.8, then Hitachi Device Manager (HDvM) Agent version 3.5 or later must be installed on the same host as HDLM. |
| 2 | HDLM 6.3.0 or earlier is supported. |
| 3 | HDLM 8.1.4 or earlier is supported. |

| Solaris SPARC | | | | | HGLM | | |
|---------------|---------|--------------|----------------|----------------------|-------|-------|-------|
| OS Name | Version | Architecture | Kernel Mode | Minimum HDLM Version | 8.2.0 | 8.2.1 | 8.4.0 |
| Solaris | 8 | SPARC | 32bit or 64bit | 5.2 | 1,2 | 1,2 | 1,2 |
| | 9 | | 32bit or 64bit | 5.2 | 1,2 | 1,2 | 1,2 |
| | 10 | | 64bit | 5.6.1 | 1 | 1 | 1 |
| | 11 | | 64bit | 7.3.0 | | | |
| | 11.1 | | 64bit | 7.3.0 | | | |
| | 11.2 | | 64bit | 7.6.0 | | | |
| | 11.3 | | 64bit | 8.4.0 | | | |
| | | | | | | | |

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| Supported | |
| Not Supported | |

| Notes | |
|-------|--|
| 1 | If the HDLM version is earlier than version 5.8, then Hitachi Device Manager (HDvM) Agent version 3.5 or later must be installed on the same host as HDLM. |
| 2 | HDLM 8.1.4 or earlier is supported. |

| AIX | | | | | HGLM | | |
|---------|---------|--------------|----------------|----------------------|-------|-------|-------|
| OS Name | Version | Architecture | Kernel Mode | Minimum HDLM Version | 8.2.0 | 8.2.1 | 8.4.0 |
| AIX | 5.2 | POWER | 32bit or 64bit | 5.0.0 | 9 | 9 | 9 |
| | 5.3 | | 32bit or 64bit | 5.4.1 | 6,10 | 6,10 | 6,10 |
| | 6.1 | | 64bit | 5.9.4 | 6,8 | 6,8 | 6,8 |
| | 7.1 | | 64bit | 6.5.0 | 6,8 | 6,8 | 6,8 |
| | 7.2 | | 64bit | 8.2.1 | | 6,8 | 6,8 |
| | | | | | | | |

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| Supported | |
| Not Supported | |

| Notes | |
|-------|--|
| 6 | See the sheet "17. AIX VIO" when using Virtual I/O Server. |
| 8 | HDLM does not support environments that use the Secure by Default option of AIX 6.1, AIX 7.1, and AIX 7.2. |

| | |
|----|-------------------------------------|
| 9 | HDLM 6.1.0 or earlier is supported. |
| 10 | HDLM 8.1.4 or earlier is supported. |

| HP-UX | | | | | | HGLM | | |
|---------|---------|--|--------------|-------------|----------------------|-------|-------|-------|
| OS Name | Version | Release | Architecture | Kernel Mode | Minimum HDLM Version | 8.2.0 | 8.2.1 | 8.4.0 |
| HP-UX | 11iV1 | N/A | PA-RISC | 64bit | 5.2 | 1, 2 | 1, 2 | 1, 2 |
| | 11iV2 | September 2004 May 2005 December 2005 March 2006 June 2006 September 2006 June 2007 December 2007 June 2008 | Itanium | - | 5.6 | 1, 2 | 1, 2 | 1, 2 |
| | | September 2004 May 2005 December 2005 March 2006 June 2006 September 2006 June 2007 December 2007 June 2008 | PA-RISC | 64bit | 5.6.1 | 1, 2 | 1, 2 | 1, 2 |
| | 11iV3 | There are no plans to support HDLM Advanced with HP-UX 11iV3 or later because HP-UX 11iV3 has implemented its own native multipathing solution. Additionally, HP does not recommend nor support 3rd party vendor multipathing on HP-UX 11iV3 or later. All issues relating to multipathing and HP-UX 11iV3 must be discussed directly with HP. | | | | | | |

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| Supported | |
| Not Supported | |

| Notes | |
|-------|--|
| 1 | If the HDLM version is earlier than version 5.8, then Hitachi Device Manager (HDvM) Agent version 3.5 or later must be installed on the same host as HDLM. |
| 2 | HDLM 6.5.1 or earlier is supported. |

| Red Hat Linux | | | | | | HGLM | | |
|-------------------------------|---------|------------------|-------------------------|----------------|----------------------|-----------|-----------|-----------|
| OS Name | Version | Update | Kernel | Architecture | Minimum HDLM Version | 8.2.0 | 8.2.1 | 8.4.0 |
| Red Hat Linux ELAS or ELES | 3 | 3 | 2.4.21-20.EL | Intel x86 | 5.4.2 | 1, 15 | 1, 15 | 1, 15 |
| | | | 2.4.21-20.ELsmp | | | | | |
| | | | 2.4.21-20.ELhugemem | IA64 / Itanium | 5.4.2 | 1, 15 | 1, 15 | 1, 15 |
| | | | 2.4.21-20.EL | | | | | |
| | | 5 + Security Fix | 2.4.21-32.0.1.EL | Intel x86 | 5.6.4 | 1, 15 | 1, 15 | 1, 15 |
| | | | 2.4.21-32.0.1.ELsmp | | | | | |
| | | | 2.4.21-32.0.1.ELhugemem | IA64 / Itanium | 5.6.4 | 1, 15 | 1, 15 | 1, 15 |
| | | | 2.4.21-32.0.1.EL | | | | | |
| | | | 2.4.21-32.0.1.EL | AMD64 | 5.6.4 | 1, 15 | 1, 15 | 1, 15 |
| | | | 2.4.21-32.0.1.ELsmp | | | | | |
| | | 8 | 2.4.21-47.EL | Intel x86 | 5.8.1 | 15 | 15 | 15 |
| | | | 2.4.21-47.ELsmp | | | | | |
| | | | 2.4.21-47.ELhugemem | IA64 / Itanium | 5.8.1 | 15 | 15 | 15 |
| | | | 2.4.21-47.EL | | | | | |
| | | | 2.4.21-47.EL | AMD64 | 5.8.1 | 15 | 15 | 15 |
| | | | 2.4.21-47.ELsmp | | | | | |
| | 3.9 | N/A | 2.4.21-50.EL | Intel x86 | 5.9.4 | 15 | 15 | 15 |
| | | | 2.4.21-50.ELsmp | | | | | |
| | | | 2.4.21-50.ELhugemem | IA64 / Itanium | 5.9.4 | 15 | 15 | 15 |
| | | | 2.4.21-50.EL | | | | | |
| | | | 2.4.21-50.EL | AMD64 | 5.9.4 | 15 | 15 | 15 |
| | | | 2.4.21-50.ELsmp | | | | | |
| Red Hat Linux ELAS or ELES | 4 | 1 | 2.6.9-11.EL | Intel x86 | 5.7 | 1,13 | 1,13 | 1,13 |
| | | | 2.6.9-11.ELsmp | | | | | |
| | | | 2.6.9-11.ELhugemem | IA64 / Itanium | 5.7 | 1, 13 | 1, 13 | 1, 13 |
| | | | 2.6.9-11.EL | | | | | |
| | | 3 | 2.6.9-11.EL | EM64T | 5.7 | 1, 11, 13 | 1, 11, 13 | 1, 11, 13 |
| | | | 2.6.9-11.ELsmp | | | | | |
| | | | 2.6.9-34.EL | Intel x86 | 5.8.1 | 13 | 13 | 13 |
| | | | 2.6.9-34.ELsmp | | | | | |
| | | | 2.6.9-34.ELhugemem | IA64 / Itanium | 5.8.1 | 13 | 13 | 13 |
| | | | 2.6.9-34.EL | | | | | |
| | | | 2.6.9-34.EL | EM64T | 5.8.1 | 11, 13 | 11, 13 | 11, 13 |
| | | | 2.6.9-34.ELsmp | | | | | |
| | | | 2.6.9-34.ELlargesmp | AMD64 | 5.8.1 | 11, 13 | 11, 13 | 11, 13 |
| | | | 2.6.9-34.0.2.EL | | | | | |
| | | 3 + Security Fix | 2.6.9-34.0.2.ELsmp | Intel x86 | 6.1.1 | 13 | 13 | 13 |
| | | | 2.6.9-34.0.2.ELhugemem | | | | | |
| | | | 2.6.9-34.0.2.EL | EM64T | 6.1.1 | 11, 13 | 11, 13 | 11, 13 |
| | | | 2.6.9-34.0.2.ELsmp | | | | | |
| | | | 2.6.9-34.0.2.ELlargesmp | AMD64 | 6.1.1 | 11, 13 | 11, 13 | 11, 13 |
| | | | 2.6.9-42.EL | | | | | |
| | | 4 | 2.6.9-42.ELsmp | Intel x86 | 5.8.1 | 13 | 13 | 13 |
| | | | 2.6.9-42.ELhugemem | | | | | |
| | | | 2.6.9-42.ELsmp | AMD x86 | 5.9 | 14 | 14 | 14 |
| | | | 2.6.9-42.EL | | | | | |
| | | | 2.6.9-42.EL | IA64 / Itanium | 5.8.1 | 13 | 13 | 13 |
| | | | 2.6.9-42.EL | | | | | |
| | | | 2.6.9-42.ELsmp | EM64T | 5.8.1 | 11, 13 | 11, 13 | 11, 13 |
| | | | 2.6.9-42.ELlargesmp | | | | | |
| | | 4 + Security Fix | 2.6.9-42.0.3.EL | Intel x86 | 5.9.1 | 13 | 13 | 13 |
| | | | 2.6.9-42.0.3.ELsmp | | | | | |
| | | | 2.6.9-42.0.3.ELhugemem | IA64 / Itanium | 5.9.1 | 13 | 13 | 13 |
| | | | 2.6.9-42.0.3.EL | | | | | |
| | | | 2.6.9-42.0.3.ELsmp | EM64T | 5.9.1 | 11, 13 | 11, 13 | 11, 13 |
| | | | 2.6.9-42.0.3.ELlargesmp | | | | | |

| | | | | | | | | |
|-------------------------------|------|------|---|----------------|-------|--------|--------|--------|
| Red Hat Linux ELAS or ELES | 4.5 | None | 2.6.9-55.EL 2.6.9-55.ELsmp 2.6.9-55.ELhugemem | Intel x86 | 5.9.3 | 13 | 13 | 13 |
| | | | 2.6.9-55.EL 2.6.9-55.ELlargesmp | IA64 / Itanium | 5.9.3 | 13 | 13 | 13 |
| | | | 2.6.9-55.EL 2.6.9-55.ELsmp 2.6.9-55.ELlargesmp | EM64T AMD64 | 5.9.3 | 11, 13 | 11, 13 | 11, 13 |
| | | | 2.6.9-67.EL 2.6.9-67.ELsmp 2.6.9-67.ELhugemem | Intel x86 | 5.9.4 | 13 | 13 | 13 |
| | | | 2.6.9-67.EL 2.6.9-67.ELlargesmp | IA64 / Itanium | 5.9.4 | 13 | 13 | 13 |
| Red Hat Linux ELAS or ELES | 4.6 | None | 2.6.9-67.EL 2.6.9-67.ELsmp 2.6.9-67.ELhugemem | Intel x86 | 5.9.4 | 13 | 13 | 13 |
| | | | 2.6.9-67.EL 2.6.9-67.ELlargesmp | IA64 / Itanium | 5.9.4 | 13 | 13 | 13 |
| | | | 2.6.9-67.EL 2.6.9-67.ELsmp 2.6.9-67.ELlargesmp | EM64T AMD64 | 5.9.4 | 11, 13 | 11, 13 | 11, 13 |
| | | | 2.6.9-78.EL 2.6.9-78.ELsmp 2.6.9-78.ELhugemem | Intel x86 | 6.0.0 | 13 | 13 | 13 |
| | | | 2.6.9-78.EL 2.6.9-78.ELlargesmp | IA64 / Itanium | 6.0.0 | 13 | 13 | 13 |
| | 4.7 | None | 2.6.9-78.EL 2.6.9-78.ELsmp 2.6.9-78.ELhugemem | Intel x86 | 6.0.0 | 13 | 13 | 13 |
| | | | 2.6.9-78.EL 2.6.9-78.ELlargesmp | IA64 / Itanium | 6.0.0 | 13 | 13 | 13 |
| | | | 2.6.9-78.EL 2.6.9-78.ELsmp 2.6.9-78.ELlargesmp | EM64T AMD64 | 6.0.0 | 11, 13 | 11, 13 | 11, 13 |
| | | | 2.6.9-89.EL 2.6.9-89.ELsmp 2.6.9-89.ELhugemem | Intel x86 | 6.0.0 | 13 | 13 | 13 |
| | | | 2.6.9-89.EL 2.6.9-89.ELlargesmp | IA64 / Itanium | 6.0.0 | 13 | 13 | 13 |
| | 4.8 | None | 2.6.9-89.EL 2.6.9-89.ELsmp 2.6.9-89.ELhugemem | Intel x86 | 6.0.0 | 13 | 13 | 13 |
| | | | 2.6.9-89.EL 2.6.9-89.ELlargesmp | IA64 / Itanium | 6.0.0 | 13 | 13 | 13 |
| | | | 2.6.9-89.EL 2.6.9-89.ELsmp 2.6.9-89.ELlargesmp | EM64T AMD64 | 6.0.0 | 11, 13 | 11, 13 | 11, 13 |
| | | | 2.6.9-100.EL 2.6.9-100.ELsmp 2.6.9-100.ELhugemem | Intel x86 | 6.0.0 | 13 | 13 | 13 |
| | | | 2.6.9-100.EL 2.6.9-100.ELlargesmp | IA64 / Itanium | 6.0.0 | 13 | 13 | 13 |
| | 4.9 | None | 2.6.9-100.EL 2.6.9-100.ELsmp 2.6.9-100.ELlargesmp | EM64T AMD64 | 6.0.0 | 11, 13 | 11, 13 | 11, 13 |
| | | | 2.6.18-8.el5 2.6.18-8.el5PAE | Intel x86 | 5.9.3 | | | |
| | | | 2.6.18-8.el5 | IA64 / Itanium | 5.9.3 | | | |
| | | | 2.6.18-8.el5 | EM64T AMD64 | 5.9.3 | 11 | 11 | 11 |
| | | | 2.6.18-8.el5 | EM64T AMD64 | 5.9.3 | 11 | 11 | 11 |
| Red Hat Linux ELAP or EL | 5.1 | None | 2.6.18-53.el5 2.6.18-53.el5PAE | Intel x86 | 5.9.4 | | | |
| | | | 2.6.18-53.el5 | IA64 / Itanium | 5.9.4 | | | |
| | | | 2.6.18-53.el5 | EM64T AMD64 | 5.9.4 | 11 | 11 | 11 |
| | | | 2.6.18-92.el5 2.6.18-92.el5PAE | Intel x86 | 5.9.4 | | | |
| | 5.2 | None | 2.6.18-92.el5 | IA64 / Itanium | 5.9.4 | | | |
| | | | 2.6.18-92.el5 | EM64T AMD64 | 5.9.4 | 11 | 11 | 11 |
| | | | 2.6.18-128.el5 2.6.18-128.el5PAE | Intel x86 | 6.1.2 | | | |
| | | | 2.6.18-128.el5 | IA64 / Itanium | 6.1.2 | | | |
| | 5.3 | None | 2.6.18-128.el5 | EM64T AMD64 | 6.1.2 | 11 | 11 | 11 |
| | | | 2.6.18-164.el5 2.6.18-164.el5PAE | Intel x86 | 6.1.2 | | | |
| | | | 2.6.18-164.el5 | IA64 / Itanium | 6.1.2 | | | |
| | | | 2.6.18-164.el5 | EM64T AMD64 | 6.1.2 | 11 | 11 | 11 |
| | 5.4 | None | 2.6.18-194.el5 2.6.18-194.el5PAE | Intel x86 | 6.1.2 | | | |
| | | | 2.6.18-194.el5 | IA64 / Itanium | 6.1.2 | | | |
| | | | 2.6.18-194.el5 | EM64T AMD64 | 6.1.2 | 11 | 11 | 11 |
| | | | 2.6.18-238.el5 2.6.18-238.el5PAE | Intel x86 | 6.1.2 | | | |
| | 5.5 | None | 2.6.18-238.el5 | IA64 / Itanium | 6.1.2 | | | |
| | | | 2.6.18-238.el5 | EM64T AMD64 | 6.1.2 | 11 | 11 | 11 |
| | | | 2.6.18-274.el5 2.6.18-274.el5PAE | Intel x86 | 6.1.2 | | | |
| | | | 2.6.18-274.el5 | IA64 / Itanium | 6.1.2 | | | |
| | 5.6 | None | 2.6.18-274.el5 | EM64T AMD64 | 6.1.2 | 11 | 11 | 11 |
| | | | 2.6.18-308.el5 2.6.18-308.el5PAE | Intel x86 | 6.1.2 | | | |
| | | | 2.6.18-308.el5 | IA64 / Itanium | 6.1.2 | | | |
| | | | 2.6.18-308.el5 | EM64T AMD64 | 6.1.2 | 11 | 11 | 11 |
| | 5.7 | None | 2.6.18-348.el5 2.6.18-348.el5PAE | Intel x86 | 6.1.2 | | | |
| | | | 2.6.18-348.el5 | IA64 / Itanium | 6.1.2 | | | |
| | | | 2.6.18-348.el5 | EM64T AMD64 | 6.1.2 | 11 | 11 | 11 |
| | | | 2.6.18-371.el5 2.6.18-371.el5PAE | Intel x86 | 6.1.2 | | | |
| | 5.8 | None | 2.6.18-371.el5 | IA64 / Itanium | 6.1.2 | | | |
| | | | 2.6.18-371.el5 | EM64T AMD64 | 6.1.2 | 11 | 11 | 11 |
| | | | 2.6.18-398.el5 2.6.18-398.el5PAE | Intel x86 | 6.1.2 | | | |
| | | | 2.6.18-398.el5 | IA64 / Itanium | 6.1.2 | | | |
| | 5.9 | None | 2.6.18-398.el5 | EM64T AMD64 | 6.1.2 | 11 | 11 | 11 |
| | | | 2.6.18-398.el5 | EM64T AMD64 | 6.1.2 | 11 | 11 | 11 |
| | | | 2.6.18-398.el5 | EM64T AMD64 | 6.1.2 | 11 | 11 | 11 |
| | | | 2.6.18-398.el5 | EM64T AMD64 | 6.1.2 | 11 | 11 | 11 |
| | 5.10 | None | 2.6.18-398.el5 | EM64T AMD64 | 6.1.2 | 11 | 11 | 11 |
| | | | 2.6.18-398.el5 | EM64T AMD64 | 6.1.2 | 11 | 11 | 11 |
| | | | 2.6.18-398.el5 | EM64T AMD64 | 6.1.2 | 11 | 11 | 11 |
| | | | 2.6.18-398.el5 | EM64T AMD64 | 6.1.2 | 11 | 11 | 11 |
| | 5.11 | None | 2.6.18-398.el5 | EM64T AMD64 | 6.1.2 | 11 | 11 | 11 |
| | | | 2.6.18-398.el5 | EM64T AMD64 | 6.1.2 | 11 | 11 | 11 |
| | | | 2.6.18-398.el5 | EM64T AMD64 | 6.1.2 | 11 | 11 | 11 |
| | | | 2.6.18-398.el5 | EM64T AMD64 | 6.1.2 | 11 | 11 | 11 |

| | | | | | | | | |
|--------------------------------------|-----|------|--------------------------------|-------------|----------|----|----|----|
| Red Hat Linux EL | 6 | None | 2.6.32-71.el6.i686 | Intel x86 | 6.5.2 | | | |
| | | | 2.6.32-71.el6.x86_64 | EM64T AMD64 | 6.5.2 | 12 | 12 | 12 |
| | 6.1 | None | 2.6.32-131.0.15.el6.i686 | Intel x86 | 6.6.2-01 | | | |
| | | | 2.6.32-131.0.15.el6.x86_64 | EM64T AMD64 | 6.6.2-01 | 12 | 12 | 12 |
| | 6.2 | None | 2.6.32-220.el6.i686 | Intel x86 | 7.2.0-00 | | | |
| | | | 2.6.32-220.el6.x86_64 | EM64T AMD64 | 7.2.0-00 | 12 | 12 | 12 |
| | 6.3 | None | 2.6.32-279.el6.i686 | Intel x86 | 7.4.0-00 | | | |
| | | | 2.6.32-279.el6.x86_64 | EM64T AMD64 | 7.4.0-00 | 12 | 12 | 12 |
| | 6.4 | None | 2.6.32-358.el6.i686 | Intel x86 | 7.4.0-00 | | | |
| | | | 2.6.32-358.el6.x86_64 | EM64T AMD64 | 7.4.0-00 | 12 | 12 | 12 |
| | 6.5 | None | 2.6.32-431.el6.i686 | Intel x86 | 7.4.0-00 | | | |
| | | | 2.6.32-431.el6.x86_64 | EM64T AMD64 | 7.4.0-00 | 12 | 12 | 12 |
| Oracle Unbreakable Enterprise Kernel | 6.6 | None | 2.6.32-504.el6.i686 | Intel x86 | 7.4.0-00 | | | |
| | | | 2.6.32-504.el6.x86_64 | EM64T AMD64 | 7.4.0-00 | 12 | 12 | 12 |
| | 6.7 | None | 2.6.32-573.el6.i686 | Intel x86 | 7.4.0-00 | | | |
| | | | 2.6.32-573.el6.x86_64 | EM64T AMD64 | 7.4.0-00 | 12 | 12 | 12 |
| | 7 | None | 3.10.0-123.el7.x86_64 | EM64T AMD64 | 8.0.1-00 | 12 | 12 | 12 |
| | 7.1 | None | 3.10.0-229.el7.x86_64 | EM64T AMD64 | 8.1.4-00 | 12 | 12 | 12 |
| | 7.2 | None | 3.10.0-327.el7.x86_64 | EM64T AMD64 | 8.4.0-00 | | | 12 |
| | 5.6 | None | 2.6.32-100.26.2.el5 | EM64T AMD64 | 7.2.1-00 | 11 | 11 | 11 |
| | | | 2.6.32-200.13.1.el5uek | Intel x86 | 7.3.0-00 | | | |
| | | | 2.6.32-300.27.1.el5uek | Intel x86 | 7.4.0-00 | | | |
| | 5.7 | None | 2.6.32-200.13.1.el5uek | EM64T AMD64 | 7.3.0-00 | 11 | 11 | 11 |
| | | | 2.6.32-300.27.1.el5uek | EM64T AMD64 | 7.4.0-00 | 11 | 11 | 11 |
| | | | 2.6.32-300.39.2.el5uek | Intel x86 | 7.4.0-00 | | | |
| | 5.8 | None | 2.6.32-300.39.2.el5uek | EM64T AMD64 | 7.4.0-00 | 11 | 11 | 11 |
| | | | 2.6.39-200.29.1.el6uek.i686 | Intel x86 | 7.4.1-00 | | | |
| | | | 2.6.39-200.29.2.el6uek.i686 | Intel x86 | 7.4.1-00 | | | |
| | 6.2 | None | 2.6.39-200.29.1.el6uek.x86_64 | EM64T AMD64 | 7.4.1-00 | 12 | 12 | 12 |
| | | | 2.6.39-200.29.2.el6uek.x86_64 | EM64T AMD64 | 7.4.1-00 | 12 | 12 | 12 |
| | | | 2.6.39-200.24.1.el6uek.i686 | Intel x86 | 7.4.1-00 | | | |
| | 6.3 | None | 2.6.39-200.24.1.el6uek.x86_64 | EM64T AMD64 | 7.4.1-00 | 12 | 12 | 12 |
| | | | 2.6.39-400.211.1.el6uek.i686 | Intel x86 | 7.6.1-00 | | | |
| | 6.4 | None | 2.6.39-400.211.1.el6uek.x86_64 | EM64T AMD64 | 7.6.1-00 | 12 | 12 | 12 |
| | | | 2.6.39-400.211.1.el6uek.i686 | Intel x86 | 7.6.1-00 | | | |
| | 6.5 | None | 3.8.13-16.2.1.el6uek.x86_64 | EM64T AMD64 | 8.0.1-00 | 12 | 12 | 12 |
| | | None | 3.8.13-44.el6uek.x86_64 | EM64T AMD64 | 8.1.4-00 | 12 | 12 | 12 |
| | 6.6 | None | 3.8.13-44.1.1.el6uek.x86_64 | EM64T AMD64 | 8.1.4-00 | 12 | 12 | 12 |
| | | None | 3.8.13-68.el6uek.x86_64 | EM64T AMD64 | 8.1.4-00 | 12 | 12 | 12 |
| | | None | 3.8.13-68.1.3.el6uek.x86_64 | EM64T AMD64 | 8.1.4-00 | 12 | 12 | 12 |
| | 6.7 | None | 3.8.13-68.3.4.el6uek.x86_64 | EM64T AMD64 | 8.1.4-00 | 12 | 12 | 12 |
| | 7 | None | 3.8.13-44.el7uek.x86_64 | EM64T AMD64 | 8.1.1-00 | 12 | 12 | 12 |
| | 7.1 | None | 3.8.13-55.1.6.el7uek.x86_64 | EM64T AMD64 | 8.1.4-00 | 12 | 12 | 12 |
| | | None | 3.8.13-68.el7uek.x86_64 | EM64T AMD64 | 8.1.4-00 | 12 | 12 | 12 |
| | | None | 3.8.13-68.2.2.el7uek.x86_64 | EM64T AMD64 | 8.1.4-00 | 12 | 12 | 12 |
| Oracle Linux | 6.5 | None | 2.6.32-431.el6.i686 | Intel x86 | 8.1.4-00 | | | |
| | | | 2.6.32-431.el6.x86_64 | EM64T AMD64 | 8.1.4-00 | 12 | 12 | 12 |
| | 6.6 | None | 2.6.32-504.el6.i686 | Intel x86 | 8.1.4-00 | | | |
| | | | 2.6.32-504.el6.x86_64 | EM64T AMD64 | 8.1.4-00 | 12 | 12 | 12 |
| | 7 | None | 3.10.0-123.el7.x86_64 | EM64T AMD64 | 8.1.0-00 | 12 | 12 | 12 |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|--|
| 1 | If the HDLM version is earlier than version 5.8, then Hitachi Device Manager (HDvM) Agent version 3.5 or later must be installed on the same host as HDLM. |
| 11 | In an EM64T/AMD64 environment, the RPM (Red Hat Package Manager) packages listed below are required. Install these RPM packages before installing HDLM: - libstdc++-RPM package version.i386.rpm - libgcc-RPM package version.i386.rpm - glibc-RPM package version.i686.rpm RPM-package-version depends on the OS version you are using. |
| 12 | In an EM64T/AMD64 environment, the RPM (Red Hat Package Manager) packages listed below are required. Install these RPM packages before installing HDLM: - libstdc++-RPM package version.i686.rpm - libgcc-RPM package version.i686.rpm - glibc-RPM package version.i686.rpm RPM-package-version depends on the OS version you are using. |
| 13 | HDLM 8.1.4 or earlier is supported. |
| 14 | HDLM 6.0.1 or earlier is supported. |
| 15 | HDLM 6.5.1 or earlier is supported. |

| SuSE Linux | | | | | | HGLM | | |
|------------|---------|--------------------|--------------------------|----------------|----------------------|-------|-------|-------|
| OS Name | Version | Update | Kernel | Architecture | Minimum HDLM Version | 8.2.0 | 8.2.1 | 8.4.0 |
| SUSELES | 9 | 3 | 2.6.5-7.244-default | Intel x86 | 5.8 | 1, 2 | 1, 2 | 1, 2 |
| | | | 2.6.5-7.244-smp | | | | | |
| | | | 2.6.5-7.244-bigsmpt | EM64T AMD64 | 5.8 | 1, 2 | 1, 2 | 1, 2 |
| | | | 2.6.5-7.244-smp | | | | | |
| | | 3 + Security Fix | 2.6.5-7.252-smp | EM64T AMD64 | 5.9.1 | 2 | 2 | 2 |
| | | | 2.6.5-7.283-smp | EM64T AMD64 | 5.9.4 | 2 | 2 | 2 |
| | | 4 | 2.6.5-7.308-default | Intel x86 | 6.0.0 | 3 | 3 | 3 |
| | | | 2.6.5-7.308-smp | | | | | |
| | | | 2.6.5-7.308-bigsmpt | EM64T AMD64 | 6.0.0 | 3 | 3 | 3 |
| | | | 2.6.5-7.308-smp | | | | | |
| | | 4 + Security Fix | 2.6.5-7.315-default | Intel x86 | 6.2.1 | 3 | 3 | 3 |
| | | | 2.6.5-7.315-smp | | | | | |
| | | | 2.6.5-7.315-bigsmpt | EM64T AMD64 | 6.2.1 | 3 | 3 | 3 |
| | | | 2.6.5-7.315-smp | | | | | |
| | 10 | None | 2.6.16.21-0.8-default | Intel x86 | 5.9 | 4 | 4 | 4 |
| | | | 2.6.16.21-0.8-smp | | | | | |
| | | | 2.6.16.21-0.8-bigsmpt | IA64 / Itanium | 5.9.3 | 4 | 4 | 4 |
| | | | 2.6.16.21-0.8-smp | | | | | |
| | | SP1 + Security Fix | 2.6.16.21-0.8-default | EM64T AMD64 | 5.9.4 | 4 | 4 | 4 |
| | | | 2.6.16.21-0.8-smp | | | | | |
| | | | 2.6.16.46-0.14-default | Intel x86 | 5.9.3 | 4 | 4 | 4 |
| | | | 2.6.16.46-0.14-smp | | | | | |
| | | | 2.6.16.46-0.14-bigsmpt | IA64 / Itanium | 5.9.3 | 4 | 4 | 4 |
| | | | 2.6.16.46-0.14-smp | | | | | |
| | | SP2 | 2.6.16.46-0.14-default | EM64T AMD64 | 5.9.4 | 4 | 4 | 4 |
| | | | 2.6.16.46-0.14-smp | | | | | |
| | | | 2.6.16.60-0.21-default | Intel x86 | 6.0.1 | 4 | 4 | 4 |
| | | | 2.6.16.60-0.21-smp | | | | | |
| | | | 2.6.16.60-0.21-bigsmpt | Intel x86 | 6.2.0 | 4 | 4 | 4 |
| | | | 2.6.16.60-0.21-xenpae | | | | | |
| | | SP3 | 2.6.16.60-0.21-default | IA64 / Itanium | 6.0.1 | 4 | 4 | 4 |
| | | | 2.6.16.60-0.21-smp | | | | | |
| | | | 2.6.16.60-0.21-default | EM64T AMD64 | 6.0.1 | 4 | 4 | 4 |
| | | | 2.6.16.60-0.21-smp | | | | | |
| | | | 2.6.16.60-0.21-xenpae | EM64T AMD64 | 6.2.0 | 4 | 4 | 4 |
| | | | 2.6.16.60-0.21-smp | | | | | |
| | | SP4 | 2.6.16.60-0.54.5-default | Intel x86 | 6.3.0 | 4 | 4 | 4 |
| | | | 2.6.16.60-0.54.5-smp | | | | | |
| | | | 2.6.16.60-0.54.5-bigsmpt | Intel x86 | 6.3.0 | 4 | 4 | 4 |
| | | | 2.6.16.60-0.54.5-xenpae | | | | | |
| | | | 2.6.16.60-0.54.5-default | IA64 / Itanium | 6.3.0 | 4 | 4 | 4 |
| | | | 2.6.16.60-0.54.5-smp | | | | | |
| | | | 2.6.16.60-0.54.5-xenpae | EM64T AMD64 | 6.3.0 | 4 | 4 | 4 |
| | | | 2.6.16.60-0.54.5-smp | | | | | |
| | 11 | Security Fix | 2.6.16.60-0.85.1-default | Intel x86 | 6.6.2 | | | |
| | | | 2.6.16.60-0.85.1-smp | | | | | |
| | | | 2.6.16.60-0.85.1-bigsmpt | Intel x86 | 6.6.2 | | | |
| | | | 2.6.16.60-0.85.1-xenpae | | | | | |
| | | SP1 | 2.6.16.60-0.85.1-default | IA64 / Itanium | 6.6.2 | | | |
| | | | 2.6.16.60-0.85.1-smp | | | | | |
| | | | 2.6.16.60-0.85.1-xenpae | EM64T AMD64 | 6.6.2 | | | |
| | | | 2.6.16.60-0.85.1-smp | | | | | |
| | | SP2 | 2.6.16.60-0.85.1-xenpae | EM64T AMD64 | 6.6.2 | | | |
| | | | 2.6.16.60-0.85.1-smp | | | | | |
| | | SP3 | 2.6.27.21-0.1.2-default | Intel x86 | 6.2.1 | | | |
| | | | 2.6.27.21-0.1.2-pae | | | | | |
| | | | 2.6.27.21-0.1.2-xen | IA64 / Itanium | 6.2.1 | | | |
| | | | 2.6.27.21-0.1.2-default | | | | | |
| | | SP4 | 2.6.27.21-0.1.2-default | EM64T AMD64 | 6.2.1 | | | |
| | | | 2.6.27.21-0.1.2-xen | | | | | |
| | 12 | None | 2.6.32.12-0.7.1-default | Intel x86 | 6.5.0 | | | |
| | | | 2.6.32.12-0.7.1-pae | | | | | |
| | | SP1 | 2.6.32.12-0.7.1-xen | Intel x86 | 6.5.0 | | | |
| | | | 2.6.32.12-0.7.1-default | | | | | |
| | | | 2.6.32.12-0.7.1-pae | IA64 / Itanium | 6.5.0 | | | |
| | | | 2.6.32.12-0.7.1-xen | | | | | |
| | | SP2 | 2.6.32.12-0.7.1-default | EM64T AMD64 | 6.5.0 | | | |
| | | | 2.6.32.12-0.7.1-pae | | | | | |
| | 13 | None | 3.0.13-0.27-default | Intel x86 | 7.4.0 | | | |
| | | | 3.0.13-0.27-pae | | | | | |
| | | SP1 | 3.0.13-0.27-default | IA64 / Itanium | 7.4.0 | | | |
| | | | 3.0.13-0.27-pae | | | | | |
| | | | 3.0.13-0.27-default | EM64T AMD64 | 7.4.0 | | | |
| | | | 3.0.13-0.27-pae | | | | | |
| | | SP2 | 3.0.76-0.11-default | Intel x86 | 7.6.0 | | | |
| | | | 3.0.76-0.11-pae | | | | | |
| | 14 | None | 3.0.76-0.11-default | IA64 / Itanium | 7.6.0 | | | |
| | | | 3.0.76-0.11-pae | | | | | |
| | | SP1 | 3.0.76-0.11-default | EM64T AMD64 | 7.6.0 | | | |
| | | | 3.0.76-0.11-pae | | | | | |
| | | | 3.0.76-0.11-xen | EM64T AMD64 | 8.0.0 | | | |
| | | | 3.0.76-0.11-smp | | | | | |
| | | SP2 | 3.0.101-63.1-default | Intel x86 | 8.2.1 | | | |
| | | | 3.0.101-63.1-pae | | | | | |
| | | | 3.0.101-63.1-default | IA64 / Itanium | 8.2.1 | | | |
| | | | 3.0.101-63.1-smp | | | | | |
| | 15 | None | 3.0.101-63.1-default | EM64T AMD64 | 8.2.1 | | | |
| | | | 3.0.101-63.1-xen | | | | | |
| | | SP1 | 3.0.101-63.1-default | EM64T AMD64 | 8.2.1 | | | |
| | | | 3.0.101-63.1-xen | | | | | |
| | 16 | None | 3.12.28-4-default | EM64T AMD64 | 8.1.4 | | | |
| | | | 3.12.28-4-xen | | | | | |
| | | SP1 | 3.12.28-4-default | EM64T AMD64 | 8.1.4 | | | |
| | | | 3.12.28-4-xen | | | | | |

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|---------------|--|
| Supported | |
| Not Supported | |

| | |
|---|--|
| 1 | If the HDLM version is earlier than version 5.8, then Hitachi Device Manager (HDvM) Agent version 3.5 or later must be installed on the same host as HDLM. |
| 2 | HDLM 5.9.4 or earlier is supported. |
| 3 | HDLM 7.2.1 or earlier is supported. |
| 4 | HDLM 8.1.4 or earlier is supported. |

| VMware | | | | | HGLM | | |
|-------------|---|----------------|-------------|----------------------|-------|-------|-------|
| OS Name | Version/Edition | Architecture | Kernel Mode | Minimum HDLM Version | 8.2.0 | 8.2.1 | 8.4.0 |
| VMware ESXi | 5.0 Enterprise | EM64T or AMD64 | 64bit | 7.3.0 | 1 | 1 | 1 |
| | 5.0 Enterprise plus | EM64T or AMD64 | 64bit | 7.3.0 | 1 | 1 | 1 |
| | 5.0 Standard | EM64T or AMD64 | 64bit | 8.1.4 | 1 | 1 | 1 |
| | 5.1 Enterprise | EM64T or AMD64 | 64bit | 7.4.0 | 1 | 1 | 1 |
| | 5.1 Enterprise plus | EM64T or AMD64 | 64bit | 7.4.0 | 1 | 1 | 1 |
| | 5.1 Standard | EM64T or AMD64 | 64bit | 8.1.4 | 1 | 1 | 1 |
| | 5.5 Enterprise | EM64T or AMD64 | 64bit | 7.6.0 | 1 | 1 | 1 |
| | 5.5 Enterprise plus | EM64T or AMD64 | 64bit | 7.6.0 | 1 | 1 | 1 |
| | 5.5 Standard | EM64T or AMD64 | 64bit | 8.1.4 | 1 | 1 | 1 |
| | 6.0 Enterprise | EM64T or AMD64 | 64bit | 8.1.4 | 2 | 2 | 2 |
| | 6.0 Enterprise plus | EM64T or AMD64 | 64bit | 8.1.4 | 2 | 2 | 2 |
| | 6.0 Standard | EM64T or AMD64 | 64bit | 8.1.4 | 2 | 2 | 2 |
| Notes | | | | | | | |
| 1 | According to the VMware ESXi 5.0/5.1/5.5 End User License Agreement (EULA), HDLM can only be used on either the Enterprise or Enterprise Plus VMware ESXi Editions. | | | | | | |
| 2 | According to the VMware ESXi 6.0 End User License Agreement (EULA), HDLM can only be used on the Standard, Enterprise, and Enterprise Plus VMware ESXi Editions. | | | | | | |

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|---------------|--|
| Supported | |
| Not Supported | |

Centralized Management Console(HGLM)
Supported Cluster Software

The following table describes the cluster function supported by Centralized Management Console(HGLM)
For the cluster configuration, Centralized Management Console(HGLM) supports the “Active - Standby” configuration only.

| Microsoft Windows | | | | Cluster | | HGLM | | |
|---------------------|--|--------------|--------------|---------|--------|-------|-------|-------|
| OS Name | Version | Service Pack | Architecture | Name | Bundle | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows Server 2003 | Enterprise Edition | SP2 | IA32 / x86 | MSCS | Bundle | | | |
| | Datacenter Edition R2 Enterprise Edition R2 Datacenter Edition | | | MSCS | Bundle | | | |
| Windows Server 2008 | Enterprise Edition | SP2 | IA32 / x86 | MSFC | Bundle | | | |
| | Datacenter Edition | | x64 / x86_64 | MSFC | Bundle | | | |
| | Enterprise Edition | No SP | x64 / x86_64 | | | | | |
| | Datacenter Edition | | | | | | | |
| Windows Server 2012 | R2 Enterprise Edition | SP1 | x64 / x86_64 | MSFC | Bundle | | | |
| | R2 Datacenter Edition | | | | | | | |
| | Standard Edition | No SP | x64 / x86_64 | MSFC | Bundle | | | |
| | Datacenter Edition | | | | | | | |
| | R2 Standard Edition | No SP | x64 / x86_64 | MSFC | Bundle | | | |
| | R2 Datacenter Edition | | | | | | | |

Supported

Not Supported

| Centralized Management Console(HGLM) Supported Browser | | | | | | | | | | | |
|---|--|---------------------|--|--|-------------------------------|--|-------------------|---|--|--|--|
| Operating System | | | | Browser | | HGLM | | | | | |
| | | | | | | 8.2.0 | 8.2.1 | 8.4.0 | | | |
| Windows XP | Professional Edition | SP2 SP3 | IA32 / x86 | Internet Explorer | 6.X 7.X 8.X | | | | | | |
| Windows Server 2003 | Standard Edition Enterprise Edition Datacenter Edition | SP2 | IA32 / x86 | Internet Explorer | 6.X 7.X 8.X | | | | | | |
| | R2 Standard Edition R2 Enterprise Edition R2 Datacenter Edition | SP2 | IA32 / x86 | Internet Explorer | 6.X 7.X 8.X | | | | | | |
| Windows Vista | Business Edition Enterprise Edition Ultimate Edition | No SP SP1 SP2 | IA32 / x86 IA32 / x86 IA32 / x86 | Internet Explorer | 7.X 8.X 7.X 8.X 7.X 8.X | | | | | | |
| | Standard 32-bit Edition Enterprise 32-bit Edition Datacenter 32-bit Edition Standard without Hyper-V 32-bit Edition Enterprise without Hyper-V 32-bit Edition Datacenter without Hyper-V 32-bit Edition | No SP | IA32 / x86 | | Internet Explorer | 7.X 8.X | | | | | |
| | | SP2 | | | | | 7.X 8.X | | | | |
| Windows Server 2008 | Standard Edition Enterprise Edition Datacenter Edition Standard without Hyper-V Edition Enterprise without Hyper-V Edition Datacenter without Hyper-V Edition | No SP | IA32 / x86 | Internet Explorer | 7.X 8.X | | | | | | |
| | | | | | 9.X | | | | | | |
| | | SP2 | X64 / x86_64 | Internet Explorer | 7.X 8.X | | | | | | |
| | | | | | 9.X | | | | | | |
| | R2 Standard Edition R2 Enterprise Edition R2 Datacenter Edition R2 Standard without Hyper-V Edition R2 Enterprise without Hyper-V Edition R2 Datacenter without Hyper-V Edition | No SP | X64 / x86_64 | Internet Explorer | 9.X | | | | | | |
| | | | | | 8.X | | | | | | |
| | | SP1 | X64 / x86_64 | Internet Explorer | 9.X | | | | | | |
| | | | | | 10.x | | | | | | |
| | R2 Standard Edition R2 Enterprise Edition R2 Datacenter Edition R2 Standard without Hyper-V Edition R2 Enterprise without Hyper-V Edition R2 Datacenter without Hyper-V Edition | SP1 | X64 / x86_64 | Internet Explorer | 8.X | | | | | | |
| | | | | | 9.X | | | | | | |
| 10.x | | | | | | | | | | | |
| 11.x | | | | | | | | | | | |
| Windows Server 2012 | Essentials Edition Standard Edition Datacenter Edition | No SP | X64 / x86_64 | Internet Explorer | 10.X | | | | | | |
| | R2 Essentials Edition R2 Standard Edition R2 Datacenter Edition | No SP | X64 / x86_64 | Internet Explorer | 11.X | | | | | | |
| Windows 7 | Professional Edition Enterprise Edition Ultimate Edition | No SP | IA32 / x86 X64 / x86_64 | Internet Explorer | 8.X 9.X 10.x | | | | | | |
| | | | | | SP1 | IA32 / x86 X64 / x86_64 | Internet Explorer | 8.X 9.X 10.x 11.x 9.x 10.x 11.x | | | |
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| | | Windows 8 | Windows 8 Edition Pro Edition Enterprise Edition | No SP | IA32 / x86 X64 / x86_64 | Internet Explorer Internet Explorer | 10.X 10.X | | | | |
| Windows 8.1 | Windows 8 Edition Pro Edition Enterprise Edition | No SP | IA32 / x86 X64 / x86_64 | Internet Explorer Internet Explorer | 11.X 11.X | | | | | | |
| Windows 10 | Windows Pro or Education or Enterprise | No SP | IA32 / x86 X64 / x86_64 | Internet Explorer Internet Explorer | 11.X 11.X | | | | | | |
| | | | | | | | | | | | |

| Operating System | | | | Browser | | HGLM | | |
|------------------|--|-------|-------|---------|---|-------|-------|-------|
| | | | | | | 8.2.0 | 8.2.1 | 8.4.0 |
| Solaris 9 | | SPARC | 32bit | FireFox | 3.6.x | | | |
| | | | 64bit | FireFox | 3.6.x ESR 10.0.x | | | |
| Solaris 10 | | SPARC | 32bit | FireFox | 3.6.x | | | |
| | | | 64bit | FireFox | 3.6.x ESR 10.0.x ESR 17.0.x ESR 24.1.x | | | |
| | | | | | | | | |

| Operating System | | | Browser | | HGLM | | |
|---|------------|-----|---------|------------|---------------|-------|-------|
| | | | | | 8.2.0 | 8.2.1 | 8.4.0 |
| Red Hat AS/ES 4.6 2.6.9-67.EL 2.6.9-67.ELmp 2.6.9.67.ELhugemem | IA32 / x86 | | FireFox | 1.5.x | | | |
| Red Hat AS/ES 5.2 2.6.18-92.el5 2.6.18-92.el5PAE | IA32 / x86 | | FireFox | 3.0.x | | | |
| | | | | 3.6.x | | | |
| | | | | ESR 10.0.x | | | |
| | | | | ESR 17.0.x | | | |
| Red Hat AS/ES 5.6 2.6.18-238.el5 2.6.18-238.el5PAE | IA32 / x86 | | FireFox | 3.6.x | | | |
| | | | | ESR 10.0.x | | | |
| | | | | ESR 17.0.x | | | |
| Red Hat AS/ES 5.8 2.6.18-308.el5 2.6.18-308.el5PAE | IA32 / x86 | | FireFox | 3.6.x | | | |
| | | | | ESR 10.0.x | | | |
| | | | | ESR 17.0.x | | | |
| Red Hat EL 6.2 2.6.32-220.el6.i686 | IA32 / x86 | | FireFox | 3.6.x | | | |
| | | | | ESR 10.0.x | | | |
| | | | | ESR 17.0.x | | | |
| | | | | ESR 24.1.x | | | |
| | | | | ESR 31.x | | | |
| | | | | ESR 38.x | | | |
| Red Hat EL 6.2 2.6.32-220.el6.x86_64 | x64 | | | ESR 31.x | 2 | 2 | 2 |
| | | | | ESR 38.x | 2 | 2 | 2 |
| Red Hat EL 6.4 2.6.32-358.el6.i686 | IA32 / x86 | | FireFox | 3.6.x | | | |
| | | | | ESR 10.0.x | | | |
| | | | | ESR 17.0.x | | | |
| | | | | ESR 24.1.x | | | |
| | | | | ESR 31.x | | | |
| | | | | ESR 38.x | | | |
| Red Hat EL 6.4 2.6.32-358.el6.x86_64 | x64 | | | ESR 31.x | 2 | 2 | 2 |
| | | | | ESR 38.x | 2 | 2 | 2 |
| Red Hat EL 6.5 2.6.32-431.el6.i686 | IA32 / x86 | | FireFox | ESR 24.1.x | | | |
| | | | | ESR 31.x | | | |
| | | | | ESR 38.x | | | |
| Red Hat EL 6.5 2.6.32-431.el6.x86_64 | x64 | | | ESR 31.x | 2 | 2 | 2 |
| | | | | ESR 38.x | 2 | 2 | 2 |
| Red Hat EL 6.6 2.6.32-504.el6.i686 | IA32 / x86 | | FireFox | ESR 24.1.x | | | |
| | | | | ESR 31.x | | | |
| Red Hat EL 6.6 2.6.32-504.el6.x86_64 | x64 | | | ESR 31.x | 2 | 2 | 2 |
| Red Hat EL 7 3.10.0-123.el7.x86_64 | x64 | | FireFox | ESR 38.x | 2 | 2 | 2 |
| Red Hat EL 7.2 3.10.0-327.el7.x86_64 | x64 | | FireFox | ESR 38.x | | | 2 |
| SUSE Linux Enterprise Server 11 | SP3 | x86 | FireFox | ESR 31.x | | | |
| | SP4 | x86 | FireFox | ESR 38.x | | | |
| ESR 38.x | | | | | | | |
| | | | | | Supported | | |
| | | | | | Not Supported | | |
| Notes | | | | | | | |
| 1 The alert filtering display function cannot be used. | | | | | | | |
| 2 x64 includes EM64T and AMD64. | | | | | | | |

Centralized Management Console(HGLM)
Supported IPv6 Network

Attention:

- 1: Use Centralized Management Console(HGLM) on OS configured for IPv4/IPv6 Dual Stack Network.
- Centralized Management Console(HGLM) does not support IPv6-only environments. Set up the OS such that both IPv4 and IPv6 can be used.
- Only a IPv6 global address is supported by Centralized Management Console(HGLM).
- You can only use global addresses as an IPv6 addresses. Global-unique local addresses (site-local addresses), and link addresses cannot be used.

(1) Centralized Management Console(HGLM)

| OS | OS Name | OS Service Pack | architecture | HGLM | | |
|---------|------------------------|-----------------|--------------|-------|-------|-------|
| | | | | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows | Windows Server 2003 | SP2 | IA32 / x86 | | | |
| | Windows Server 2003 R2 | SP2 | IA32 / x86 | | | |
| | Windows Vista | No SP | IA32 / x86 | | | |
| | | SP1 | | | | |
| | Windows Server 2008 | SP2 | IA32 / x86 | | | |
| | | No SP | IA32 / x86 | | | |
| | | | X64 / x86_64 | | | |
| | | SP2 | IA32 / x86 | | | |
| | Windows Server 2008 R2 | No SP | X64 / x86_64 | | | |
| | | | | | | |
| | Windows 7 | No SP | IA32 / x86 | | | |
| | | | X64 / x86_64 | | | |
| | | SP1 | IA32 / x86 | | | |
| | | | X64 / x86_64 | | | |
| | Windows Server 2012 | No SP | X64 / x86_64 | | | |
| | Windows Server 2012 R2 | No SP | X64 / x86_64 | | | |

(2) Web Client

| OS | OS Name | OS Service Pack | architecture | Name | Version | HGLM | | |
|---------|------------------------|-----------------|--------------|-------------------|------------------|-------|-------|-------|
| | | | | | | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows | Windows Server 2003 | SP2 | IA32 / x86 | Internet Explorer | 6.0 or later(*4) | | | |
| | Windows Server 2003 R2 | SP2 | IA32 / x86 | Internet Explorer | 6.0 or later(*4) | | | |
| | Windows Vista | No SP | IA32 / x86 | Internet Explorer | 7.0 or later | | | |
| | | SP1 | | | | | | |
| | Windows Server 2008 | SP2 | IA32 / x86 | Internet Explorer | 7.0 or later | | | |
| | | No SP | IA32 / x86 | Internet Explorer | 7.0 or later | | | |
| | | | X64 / x86_64 | Internet Explorer | 7.0 or later | | | |
| | | | IA32 / x86 | Internet Explorer | from 7.0 to 8.x | | | |
| | Windows Server 2008 R2 | SP2 | X64 / x86_64 | Internet Explorer | 9.0 or later | | | |
| | | | | Internet Explorer | from 7.0 to 8.x | | | |
| | | No SP | X64 / x86_64 | Internet Explorer | 9.0 or later | | | |
| | | | | Internet Explorer | 8.x | | | |
| | Windows Server 2012 | SP1 | X64 / x86_64 | Internet Explorer | 9.0 or later | | | |
| | | | | Internet Explorer | 8.x | | | |
| | | No SP | X64 / x86_64 | Internet Explorer | 9.0 or later | | | |
| | | | | Internet Explorer | 10.0 or later | | | |
| | Windows 7 | No SP | X64 / x86_64 | Internet Explorer | 11.0 or later | | | |
| | | | IA32 / x86 | Internet Explorer | 8.x | | | |
| | | | | Internet Explorer | 9.0 or later | | | |
| | | | X64 / x86_64 | Internet Explorer | 8.x | | | |
| | | SP1 | IA32 / x86 | Internet Explorer | 9.0 or later | | | |
| | | | | Internet Explorer | 8.x | | | |
| | | | | Internet Explorer | 9.x | | | |
| | | | | Internet Explorer | 10.x | | | |
| | | | X64 / x86_64 | Internet Explorer | 11.x | | | |
| | | | | Internet Explorer | 8.x | | | |
| | | | | Internet Explorer | 9.x | | | |
| | | | | Internet Explorer | 10.x | | | |
| | Windows 8 | No SP | IA32 / x86 | Internet Explorer | 11.x | | | |
| | | | X64 / x86_64 | Internet Explorer | 10.0 or later | | | |
| | Windows 8.1 | No SP | IA32 / x86 | Internet Explorer | 10.0 or later | | | |
| | | | X64 / x86_64 | Internet Explorer | 11.0 or later | | | |

(3) Path Manager

| Product Name | Version | HGLM | | |
|---------------------------------------|----------------------|-------|-------|-------|
| | | 8.2.0 | 8.2.1 | 8.4.0 |
| Hitachi Dynamic Link Manager Software | 6.0 or later(*5)(*6) | | | |
| Veritas Volume Manager | 5.0 | | | |
| Veritas Volume Manager | 5.1 | | | |
| HP-UX 11iv3 Native Multipathing | 11iv3 | | | |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|--|
| 4 | If you specify an IPv6 address in Internet Explorer 6, you cannot connect to the HGLM server. To connect to an HGLM server in this environment, use a host name. |
| 5 | For details about the environment, see "27-2. Mgmt Console (HGLM)". |
| 6 | HP-UX is not supported. |

Centralized Management Console(HGLM)
Supported Virtualization

| OS | OS Name | OS Version OS Edition | OS Service Pack | architecture | Virtualization | Version | HGLM | | |
|---------|---------------------|--|--------------------|--------------|-----------------|---------|-------|-------|-------|
| | | | | | | | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows | Windows Server 2003 | Enterprise Edition Datacenter Edition | No SP | IA32 / x86 | VMware ESX/ESXi | 3.x | | | |
| | | | SP1 | IA32 / x86 | VMware ESX/ESXi | 3.x | | | |
| | | | SP2 | IA32 / x86 | VMware ESX/ESXi | 3.x | | | |
| | | | | | | 4.x | | | |
| | | R2 Enterprise Edition R2 Datacenter Edition | No SP | IA32 / x86 | VMware ESX/ESXi | 3.x | | | |
| | | | SP2 | IA32 / x86 | VMware ESX/ESXi | 3.x | | | |
| | | | | | | 4.x | | | |
| | | | | | | 5.x | | | |
| | | | | | | | | | |
| | Windows XP | Professional Edition | SP2 | IA32 / x86 | VMware ESX/ESXi | 3.x | | | |
| | | | | | | 4.x | | | |
| | | | | | | 5.x | | | |
| | | | SP3 | IA32 / x86 | VMware ESX/ESXi | 3.x | | | |
| | | | | | | 4.x | | | |
| | | | | | | 5.x | | | |
| | Windows Vista | Business Edition Enterprise Edition Ultimate Edition | No SP | IA32 / x86 | VMware ESX/ESXi | 3.x | | | |
| | | | | | | 4.x | | | |
| | | | | | | 5.x | | | |
| | | Business Edition Enterprise Edition Ultimate Edition | SP1 | IA32 / x86 | VMware ESX/ESXi | 3.x | | | |
| | | | | | | 4.x | | | |
| | | | | | | 5.x | | | |
| | | Business Edition Enterprise Edition Ultimate Edition | SP2 | IA32 / x86 | VMware ESX/ESXi | 3.x | | | |
| | | | | | | 4.x | | | |
| | | | | | | 5.x | | | |
| | Windows 7 | Professional or Enterprise or Ultimate | No SP | IA32 / x86 | VMware ESX/ESXi | 3.x | | | |
| | | | | | | 4.x | | | |
| | | | | | | 5.x | | | |
| | | Professional or Enterprise or Ultimate | No SP | X64 / x86_64 | VMware ESX/ESXi | 3.x | | | |
| | | | | | | 4.x | | | |
| | | | | | | 5.x | | | |
| | | Professional or Enterprise or Ultimate | SP1 | IA32 / x86 | VMware ESX/ESXi | 3.x | | | |
| | | | | | | 4.x | | | |
| | | | | | | 5.x | | | |
| | | Professional or Enterprise or Ultimate | SP1 | X64 / x86_64 | VMware ESX/ESXi | 3.x | | | |
| | | | | | | 4.x | | | |
| | | | | | | 5.x | | | |
| | Windows Server 2008 | Standard 32-bit Edition Enterprise 32-bit Edition Datacenter 32-bit Edition Standard without Hyper-V 32-bit Edition Enterprise without Hyper-V 32-bit Edition Datacenter without Hyper-V 32-bit Edition | No SP | IA32 / x86 | VMware ESX/ESXi | 3.x | | | |
| | | | | | | 4.x | | | |
| | | | | | | 5.x | | | |
| | | Standard Edition Enterprise Edition Datacenter Edition Standard without Hyper-V Edition Enterprise without Hyper-V Edition Datacenter without Hyper-V Edition | No SP | X64 / x86_64 | VMware ESX/ESXi | 3.x | | | |
| | | | | | | 4.x | | | |
| | | | | | | 5.x | | | |
| | | | | | Hyper-V | 1.x | | | |
| | | Standard 32-bit Edition Enterprise 32-bit Edition Datacenter 32-bit Edition Standard without Hyper-V 32-bit Edition Enterprise without Hyper-V 32-bit Edition Datacenter without Hyper-V 32-bit Edition | SP2 | IA32 / x86 | VMware ESX/ESXi | 3.x | | | |
| | | | | | | 4.x | | | |
| | | | | | | 5.x | | | |
| | | Standard Edition Enterprise Edition Datacenter Edition Standard without Hyper-V Edition Enterprise without Hyper-V Edition Datacenter without Hyper-V Edition | SP2 | X64 / x86_64 | VMware ESX/ESXi | 3.x | | | |
| | | | | | | 4.x | | | |
| | | | | | | 5.x | | | |
| | | | | | Hyper-V | 1.x | | | |
| | | R2 Standard Edition R2 Enterprise Edition R2 Datacenter Edition R2 Standard without Hyper-V Edition R2 Enterprise without Hyper-V Edition R2 Datacenter without Hyper-V Edition | No SP | x64 / x86_64 | VMware ESX/ESXi | 3.x | | | |
| | | | | | | 4.x | | | |
| | | | | | | 5.x | | | |
| | | | | | Hyper-V | 2.x | | | |
| | | R2 Standard Edition R2 Enterprise Edition R2 Datacenter Edition R2 Standard without Hyper-V Edition R2 Enterprise without Hyper-V Edition R2 Datacenter without Hyper-V Edition | SP1 | x64 / x86_64 | VMware ESX/ESXi | 3.x | | | |
| | | | | | | 4.x | 1 | 1 | 1 |
| | | | | | | 5.x | | | |
| | | | | | | 6.x | | | |
| | | | | | Hyper-V | 2.x | | | |
| | Windows Server 2012 | Essentials Edition Standard Edition Datacenter Edition | No SP | x64 / x86_64 | VMware ESX/ESXi | 5.x | 2 | 2 | 2 |
| | | | | | | 6.x | | | |
| | | | | | Hyper-V | 3.x | | | |
| | Windows Server 2012 | R2 Essentials Edition R2 Standard Edition R2 Datacenter Edition | No SP | x64 / x86_64 | VMware ESX/ESXi | 5.x | 3 | 3 | 3 |
| | | | | | | 6.x | | | |
| | | | | | Hyper-V | 3.x | | | |

| | |
|---------------|--|
| Supported | |
| Not Supported | |

| Notes | |
|-------|---|
| 1 | If you use VMware vSphere ESX 4.0, support it in a version after Update 2. |
| 2 | If you use Vmware vSphere ESX 4.0, suport it in a version after Update 2, and in a patch version after ESXi500-201209001. |
| 3 | If you use VMware vSphere ESXi 5.0, support it in a version after Update 2. |

| Supported Java Versions | | | | | | | |
|--------------------------------------|--|--------------|--------------|-------------|---------------|-------|-------|
| Centralized Management Console(HGLM) | | | | | | | |
| Version | Version | Service Pack | Architecture | JDK Version | HDLM Version | | |
| | | | | | 8.2.0 | 8.2.1 | 8.4.0 |
| Windows XP | Professional Edition | SP2 | x86 | 1.5.0(*1) | | | |
| | | | | 1.5.0(*2) | | | |
| | | | | 1.6.0(*1) | | | |
| | | | | 1.6.0(*2) | | | |
| | | SP3 | x86 | 1.5.0(*1) | | | |
| | | | | 1.5.0(*2) | | | |
| | | | | 1.6.0(*1) | | | |
| | | | | 1.6.0(*2) | | | |
| Windows 2003 | Standard Edition Enterprise Edition Datacenter Edition | SP2 | IA32 / x86 | 1.5.0(*1) | | | |
| | | | | 1.5.0(*2) | | | |
| | | | | 1.6.0(*1) | | | |
| | | | | 1.6.0(*2) | | | |
| | | | | 1.7.0(*2) | | | |
| | R2 Standard Edition R2 Enterprise Edition R2 Datacenter Edition | SP2 | IA32 / x86 | 1.5.0(*1) | | | |
| | | | | 1.5.0(*2) | | | |
| | | | | 1.6.0(*1) | | | |
| | | | | 1.6.0(*2) | | | |
| | | | | 1.7.0(*2) | | | |
| Windows Vista | Business Edition Enterprise Edition Ultimate Edition | No SP | IA32 / x86 | 1.5.0(*1) | | | |
| | | | | 1.5.0(*2) | | | |
| | | | | 1.6.0(*1) | | | |
| | | | | 1.6.0(*2) | | | |
| | | | | 1.7.0(*2) | | | |
| | | | | 1.5.0(*1) | | | |
| | | SP1 | | 1.5.0(*2) | | | |
| | | | | 1.6.0(*1) | | | |
| | | | | 1.6.0(*2) | | | |
| | | | | 1.7.0(*2) | | | |
| | | | | 1.5.0(*1) | | | |
| | | | | 1.5.0(*2) | | | |
| | | SP2 | | 1.6.0(*1) | | | |
| | | | | 1.6.0(*2) | | | |
| | | | | 1.7.0(*2) | | | |
| | | | | 1.5.0(*1) | | | |
| | | | | 1.5.0(*2) | | | |
| | | | | 1.6.0(*1) | | | |
| Windows 2008 | Standard 32-bit Edition Enterprise 32-bit Edition Datacenter 32-bit Edition Standard without Hyper-V 32-bit Edition Enterprise without Hyper-V 32-bit Edition Datacenter without Hyper-V 32-bit Edition | No SP | x64 / x86_64 | 1.5.0(*1) | | | |
| | | | | 1.5.0(*2) | | | |
| | | | | 1.6.0(*1) | | | |
| | | | | 1.6.0(*2) | | | |
| | | | | 1.7.0(*2) | | | |
| | | | | 1.5.0(*1) | | | |
| | Standard Edition Enterprise Edition Datacenter Edition Standard without Hyper-V Edition Enterprise without Hyper-V Edition Datacenter without Hyper-V Edition | No SP | x64 / x86_64 | 1.5.0(*2) | | | |
| | | | | 1.6.0(*1) | | | |
| | | | | 1.6.0(*2) | | | |
| | | | | 1.7.0(*2) | | | |
| | | | | 1.5.0(*1) | | | |
| | Standard 32-bit Edition Enterprise 32-bit Edition Datacenter 32-bit Edition Standard without Hyper-V 32-bit Edition Enterprise without Hyper-V 32-bit Edition Datacenter without Hyper-V 32-bit Edition | SP2 | IA32 / x86 | 1.5.0(*2) | | | |
| | | | | 1.6.0(*1) | | | |
| | | | | 1.6.0(*2) | | | |
| | | | | 1.7.0(*2) | | | |
| | | | | 1.5.0(*1) | | | |
| | Standard Edition Enterprise Edition Datacenter Edition Standard without Hyper-V Edition Enterprise without Hyper-V Edition Datacenter without Hyper-V Edition | SP2 | x64 / x86_64 | 1.5.0(*2) | | | |
| | | | | 1.6.0(*1) | | | |
| | | | | 1.6.0(*2) | | | |
| | | | | 1.7.0(*2) | | | |
| | | | | 1.5.0(*1) | | | |
| | R2 Standard Edition R2 Enterprise Edition R2 Datacenter Edition | No SP | x64 / x86_64 | 1.5.0(*2) | | | |
| | | | | 1.6.0(*1) | | | |
| | | | | 1.6.0(*2) | | | |
| | | | | 1.7.0(*2) | | | |
| | | | | 1.5.0(*1) | | | |
| | | | | 1.5.0(*2) | | | |
| | | | | 1.6.0(*1) | | | |
| | | | | 1.6.0(*2) | | | |
| | R2 Standard Edition R2 Enterprise Edition R2 Datacenter Edition | SP1 | x64 / x86_64 | 1.5.0(*1) | | | |
| | | | | 1.5.0(*2) | | | |
| | | | | 1.6.0(*1) | | | |
| | | | | 1.6.0(*2) | | | |
| 1.7.0(*1) | | | | | | | |
| 1.7.0(*2) | | | | | | | |
| 1.8.0(*1) | | | | | | | |
| 1.8.0(*2) | | | | | | | |
| Windows 7 | Professional Edition Enterprise Edition Ultimate Edition | No SP | IA32 / x86 | 1.5.0(*1) | | | |
| | | | | 1.5.0(*2) | | | |
| | | | | 1.6.0(*1) | | | |
| | | | | 1.6.0(*2) | | | |
| | | | x64 / x86_64 | 1.7.0(*2) | | | |
| | | | | 1.5.0(*1) | | | |
| | | | | 1.5.0(*2) | | | |
| | | | | 1.6.0(*1) | | | |
| | | SP1 | IA32 / x86 | 1.6.0(*2) | | | |
| | | | | 1.7.0(*2) | | | |
| | | | | 1.5.0(*1) | | | |
| | | | | 1.5.0(*2) | | | |
| | | | x64 / x86_64 | 1.6.0(*1) | | | |
| | | | | 1.6.0(*2) | | | |
| | | | | 1.7.0(*2) | | | |
| | | | | 1.5.0(*1) | | | |
| | | | | 1.5.0(*2) | | | |
| | | | | 1.6.0(*1) | | | |
| Windows 2012 | Essentials Edition Standard Edition Datacenter Edition | No SP | x64 / x86_64 | 1.6.0(*2) | | | |
| | | | | 1.7.0(*1) | | | |
| | | | | 1.7.0(*2) | | | |
| | | | | 1.8.0(*1) | | | |
| | | | | 1.8.0(*2) | | | |
| | | | | 1.5.0(*1) | | | |
| | | | | 1.5.0(*2) | | | |
| | | | | 1.6.0(*1) | | | |
| | R2 Essentials Edition R2 Standard Edition R2 Datacenter Edition | No SP | x64 / x86_64 | 1.6.0(*2) | | | |
| | | | | 1.7.0(*1) | | | |
| | | | | 1.7.0(*2) | | | |
| | | | | 1.8.0(*1) | | | |
| | | | | 1.8.0(*2) | | | |
| | | | | 1.5.0(*1) | | | |
| | | | | 1.5.0(*2) | | | |
| | | | | 1.6.0(*1) | | | |
| | | | | | Supported | | |
| | | | | | Not Supported | | |

| Notes | |
|-------|---|
| 1 | The JDK is enhanced by Hitachi and contains the required patches to execute Server. |

| | |
|---|--|
| 2 | The JDK is released by Oracle Corporation. |
|---|--|