



**Hardware Compatibility List (HCL) for Veritas Storage Foundation and High Availability Solutions 5.0 RU3 for Linux RHEL 5.0 U2 through U4, SUSE SLES 10 SP2**

HCL date 11/11/09

Category	Manufacturer	Models	V X M	D M P	B O S T	O A T N	V C S	S F H A	S F C F	S S	N O T E S
Server	IBM	IBM Power Systems 64bit Server	X	X			X	X	X		
Disk Array	EMC	Symmetrix DMX Series	X	A/A			X	X	X		
Disk Array	EMC	Symmetrix 8000 Series	X	A/A			X	X	X		
Disk Array	EMC	CLARiiON CX/CX3/CX4 Series	X	A/P-F			X	X	X		B
Disk Array	EMC	CLARiiON CX/CX3/CX4 Series	X	ALUA			X	X	X		
Disk Array	EMC	CLARiiON AX Series	X	A/P-F			X	X	X		A
Disk Array	Hitachi	Lightning 9900V Series	X	A/A			X	X	X		
Disk Array	Hitachi	AMS/WMS Series	X	A/A-A			X	X	X		A, B
Disk Array	IBM	System Storage DS8000 Series	X	A/A			X	X	X		
Disk Array	IBM	XIV	X	A/A			X	X	X		
Disk Array	HP	StorageWorks EVA 4000/6000/8000	X	ALUA			X	X	X		A, B

**Legend:**

- X Indicates an item that is currently supported
- Indicates an item that is not supported
- A - Z Indicates an item that has specific notes offering additional information
- A/A Active/Active array using VxVM-DMP
- A/A-A Active/Active-Asymmetric array using VxVM-DMP
- A/P-F Active/Passive explicit failover array using VxVM-DMP
- ALUA Asymmetric Logical Unit Access array using VxVM-DMP

**Abbreviations:**

- VxVM = VERITAS Volume Manager
- DMP = Dynamic Multipathing feature of Veritas Volume Manager
- VCS = Veritas Cluster Server
- SFHA= Veritas Storage Foundation High Availability
- SFCS = Veritas Storage Foundation Cluster File System

**Comments:**

All single-path-only SCSI- and FC-based storage supported by the Operating System vendor is automatically supported by Volume Manager, with the following exceptions:

- \* Any storage that requires two or more paths (Dynamic Multipathing)
- \* Any storage used together with Veritas Cluster Server
- \* Any storage used together with Veritas Storage Foundation CFS

Veritas File System and Volume Replicator have no hardware dependencies, and are only supported when used together with Volume Manager.

For any array support, please consult array documentation and set the array settings appropriately to conform to the modes of operation.

Symantec supports hardware products on this HCL that include virtualization capability, but does not support compatibility issues that can be ascribed to the virtualization feature. Symantec requires any compatibility issue to be reproduced in a non-virtualization environment. If the issue is confirmed to be related to Symantec products, Symantec will support its software at the same level as when that software is not running in conjunction with hardware virtualization products. Symantec will, of course, cooperate with virtualization vendors, and attempt to assist in the diagnosis of problems found between the virtualization and Symantec products.

**Notes:**

**A** Sometimes the `/etc/mstab` may not be updated properly after a power outage, which is harmless, you can correct it by restarting HA

**B** Sometimes disks may be marked as failing due to limitation of current error analysis policy, clean it by `'vxedit -g <dg> set failing=off <LUN>;`  
This will be fixed in the next release

**Equivalents:**

**History:**

**LxRT 5.0RU3 11/06/09 changes from 09/25/09 version**

- 1) Added support for EMC CLARiiON CX/CX3/CX4 Series in A/P-F mode
- 2) Added support for Hitachi AMS/WMS Series in A/A-A mode
- 3) Added support for HP EVA4000/6000/8000 in ALUA mode
- 4) Added Note A, Note B
- 5) Added support for EMC CLARiiON CX/CX3/CX4 Series in ALUA mode
- 6) Added support for EMC CLARiiON AX Series in A/P-F mode

**LxRT 5.0RU3 11/11/09 changes from 11/06/09 version**

- 1) Changed "IBM System P" to "IBM Power Systems"
- 2) Added support for EMC Symmetrix 8000 Series