EMC® Avamar® V7.0 and Earlier

Compatibility and Interoperability Matrix

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February 2015

Note: Avamar® V7.1 and later Compatibility is available in the "Avamar and NetWorker Online Compatibility Guide" at http://compatibilityguide.emc.com:8080/CompGuideApp/

This link is also accessible via the Avamar Support by product page https://support.emc.com/products/759_Avamar-Server under "Install" and "Documentation" and via a link on the the eLab Navigator main page https://elabnavigator.emc.com/eln/elnhome

This compatibility and interoperability matrix provides information on clients, operating systems, platforms, and applications supported by EMC Avamar. Topics include:

Document Update History

Revision 1 – July 2013
- First release version for Avamar 7.0

Revision 2 – August 2013
- Correction to table 5, including notes
- Table 5- Added IBM Domino 9.0 support
- Table 7 – push clients, updated.
- Added Enterprise Vault v7.5 compatibility with Avamar v6.1
- Corrected/removed DD support for clustered Windows OSs in table 2
- Corrected DD support for Solaris in table 2.
- vCenter support for Avamar v7.0 corrected.
- Added Avamar Server 6.1 SP2 to EMC Backup and Recovery Manager compatibility

Revision 3 – September 2013
- DD Boost & DD OS compatibility for Avamar v6.1 and v7.0 updated
- Updates to EMC Avamar Administrator supported platforms – Table 4
- Notes added to indicate DD supports x64 only in Table 2
- Oracle 12cR1 compatibility added to Table 5
- VNXe OE 2.4 compatibility added to Table 6
- Note added to Table 5 - SharePoint plug-in does not support SQL AlwaysOn Availiability Groups

Revision 4 – November 2013
- VMware 4.0 and 4.1i to DD support added to Table 2
- SAP with Oracle BR*Tools v7.40 added to table 5
- Avamar v7.0 support for vCenter v4.1 and v4.1i added
- Avamar Client Server Interoperability table 1 split to define ADS only and ADS+DD
- Avamar v7.0 SP1 Client compatibility added

Revision 5 – December 2013
- Corrections to Solaris, Windows Cluster and Windows Storage Server to DD support in Table 2
- Correction/ Clarification of Windows BMR to DD capability in Table 3

Revision 6 – February 2014
- Corrections to 32 bit DD support in Table 2
- Added VNX FOE 8.1 to NDMP support in Table 6
- Added Windows 2003 32 bit support to notes in Table 10
- Added ESXi 5.5 support and correction to AVE memory requirement in Table 16
- Multiple corrections to DD support
- Updates to Push Client support
- Added Windows 2012 OS support for Lotus Domino v9.0
- Added NDMP support for EMC VNX FOE v8.1

Revision 7 – May 2014
- Date of Revision 6 corrected
- Note to Table 1 regarding SQL pluging compatibility updated
- Administrator supported platforms showing v7.1 corrected to v7.0

- Correction to notes in Table 5 regarding 32 bit support to DD
- DB2 v9,5 bitness corrected in Table 5
- Lotus Domino v9.0.x clarified in Table 5
- Corrections to VNX & VNXe support in Table 6
- Extended Retention Table 18 made easier to read.
- Table 24 added to document

Revision 8 – June 2014
- Hardware Interoperability elaborated upon

Revision 9 – June/July 2014
- Added note regarding location of Avamar v7.1 and later Online Compatibility and Interoperability Matrix
- DB2 v10.1 restriction for v7.0 SP1 removed.
- DD Boost Version 2.6.0.3 requirements for Oracle Plugin 7.0 SP1 clarified

Revision 10 – October 2014
- Added Lotus Domino 9.0 support for Windows 2012 R2 in Table 5
- Added Oracle 12c support on AIX & HP Itanium in Table 5
- Added SAP with Oracle support for Windows 2012, 2012 R2 in Table 5
- DD Boost Version 2.6.0.3 requirements for DB2, Lotus and Sybase Plugins 7.0 SP1 clarified
- Removed references to DDOS 5.3.x

- Added DB2 support on Solaris SPARC 11, Windows 2012 R2, and clarified support for DB2 10.1 and 10.5 in Table 5
- DD support added to Solaris 10 & 11 x64 for Solaris with VCS and Solaris with Solaris Cluster
- DD Boost Version 2.6.0.3 32 bit support and exceptions added to note 5 of table 5.
- Isilon added to NDMP client support table 6.

Revision 11 – February 2015
- Updates to Backup and Recovery Manager (BRM) Compatibility
- Added Oracle 12cR1 support on Windows MSCS clusters
- Added Sybase ASE 16.0. support
- Added DB2 9.5 support on Windows 2012
- Push Upgrade table updated
- DDOS 5.5.0.x support added with note that Avamar v7.0 SP2 or later is required
- Added Oracle VM Server for x86 support to guest level backup virtualization platform support
- CentOS 6.x and Debian 7.x added to DTLT support

Overview of EMC Avamar

EMC Avamar® backup and recovery software with integrated source and global data deduplication solves the challenges associated with traditional backup, enabling fast, efficient protection for remote offices, VMware environments, desktop/laptop, applications and data center LAN/NAS servers.

Unlike traditional backup solutions, EMC Avamar identifies redundant data segments at the source (client)—before they are transferred across the network. By moving only new, unique subfile data segments, EMC Avamar delivers fast daily full backups while reducing the required daily network bandwidth by up to 500X. This capability allows companies to utilize existing network bandwidth for backup and disaster recovery of remote offices and data centers, despite slow or congested networks and infrastructure. Data can be encrypted both in flight and at rest for added security, and centralized management makes protecting hundreds of remote offices easy and efficient.

By storing just a single instance of each subfile data segment globally, EMC Avamar also reduces total back-end storage by up to 50X, enabling cost-effective disk-based recovery over extended periods of time.

EMC Compatibility Matrix policies and requirements

Purpose and limitations of this document

This document is for information only and may change at any time. This version supersedes and replaces all previous versions. The information serves only as a guide for those configurations/products that EMC has qualified. This document identifies and lists various vendor host systems and integral components that have been tested and qualified by EMC for use with EMC® products. Vendor components include, but are not limited to, host operating systems, databases, and mail servers. This document also lists various vendors and configurations that EMC has tested or qualified for use with EMC products.

The information included in this document is intended as a guide in the configuration of systems for EMC products. It is not intended to be the sole resource for system configurations. EMC website, other EMC documentation, or relevant vendor documentation, or your EMC Sales or EMC Customer Service representative will provide more information or answers to questions not found in this document.

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Policies and procedures for support of EMC products are set forth in the customer's applicable agreements. EMC publication of information relating to system configurations covers only those listed in this document or by approval from EMC Engineering. Other system configurations not found in this document are not qualified without EMC Engineering approval. EMC has qualified hardware and software provided only by the vendors listed in this document. Host systems, hardware and software from other vendors are not qualified, and may never be.

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EMC maintains a large collection of the products as well as third-party application software for qualification with EMC backup and recovery systems and to simulate customer environments, but you must consult the vendors for information about their systems.

Policy for future qualification of software releases

The information in this document is maintained by EMC, and EMC strives to update this document with new releases of hardware, operating systems, firmware, BIOS, applications, and so on, as they become available from the vendors. EMC works with the vendors during their development and release processes in order to be fully informed at the time the vendors release new versions. EMC does not announce qualification prior to vendors' general availability; in these cases and in cases where advance preparation is not possible, EMC may test and qualify vendors' products as appropriate after they have been released. For early support of such products including vendor beta participation, contact your EMC Sales or EMC Customer Service representative.

Policy for end-of-life support

EMC strives to continue support for any installed platforms, but may remove support from this matrix for new installations within three months after the vendor has announced that this platform has reached the end of life. EMC will continue support for existing installations of hardware, operating systems, and components that the vendor has officially declared to have reached end of life as long as support is available from the vendor.

EMC Avamar client-server interoperability

Table 1 lists the Avamar client-server interoperability support matrix.

Table 1a: EMC Avamar client-server interoperability (ADS only)

Avamar client version	Avamar Server Version			
	5.0.x	6.0	6.1	7.0
5.0.X	X	X	X	
6.0.x	X	X	X	X
6.1.X	X	X	X	X
7.0.X		X	X	X
7.1.x			X	X
Avamar VMware Image Proxy				
5.0.X	X	X	X	
6.0.X	X	X	X	X
7.0.X		X	X	X
Avamar VMware FLR Proxy				
5.0.X	X	X		
6.0.x		X	X	
Avamar VMware Universal Proxy				
6.1.X	X	X^1	X	X
7.0.X	X	X^1	X	X
7.1.x				X^2

For the latest Avamar Client Package, there is no need to perform a server upgrade to get the latest client enhancements, as an existing Avamar v5.x or v6.0 server can be upgraded with the new client code. There are a few exceptions to this for the following items:

- Client compatibility with DD OS is detailed in the specific platform compatibility sections of this document
- NAT support requires the Avamar 5.0 GA server (build 5.0.0-407 or greater) or later
- Windows and Mac Desktop and Laptop support requires the Avamar 5.0 GA server (build 5.0.0-407 or greater) or later
- Localization updates for Desktop/Laptop requires the Avamar v5.0 SP3 server and the updated Desktop/Laptop client(s) included in the Avamar v5.0SP3 release or later
- The following SQL Plugin requires Avamar 5.0 Service Pack 1 server (build 5.0.1-32 or greater) or later
  - SQL automated log tail backups, SQL point in time recovery, SQL forced incremental backups
- The Exchange VSS Plug-in Granular Level Recovery (GLR) feature requires Avamar 6.0 server or later
- The SharePoint VSS Plug-in requires Avamar 6.0 server or later
- Data Domain integration requires Avamar 6.0 server or later
- The Hyper-V VSS, SAP and Sybase Plug-ins require Avamar 6.1 server or later
- The Avamar 6.1 SQL Plug-in is compatible with Avamar 6.1 and 7.0 Server only. Avamar 6.1 Server is compatible with the Avamar 6.1 SQL Plug-in only.
[1.] When using the Avamar 6.1 VMware proxy with a v6.0 server, the server must be at SP2 or greater, and only image backups / restores are supported.
[2.] See Avamar v7.1 release notes, reference 190128, for limitations.

Table 1b: EMC Avamar client-server interoperability (ADS & DD)

Avamar Server Version	DDOS software version	Avamar Client Versions			Notes
		V6.0	V6.1	V7.0	Host platform support **MUST** also be verified with the DDBoost Compatibility List.
v6.0	DDOS 4.9.2	X			
	DDOS 5.0.x (must be 5.0.2.3 or greater)	X	X		
	DDOS 5.1.x	X	X		
v6.1	DDOS 5.0.x (must be 5.0.2.3 or greater)	X	X		
	DDOS 5.1.x	X	X		
	DDOS 5.2.x		X		
	DDOS 5.4.x		X	X	
v7.0 v7.0 SP1	DDOS 5.4.x (must be 5.4.0.4 or greater)		X	X[1]	
V7.0 SP2	DDOS 5.4.x (must be 5.4.0.4 or greater) DDOS 5.5.0.x			X[1]	

[1]Following support requires Avamar Client 7.0 SP1 or later
- Windows System State Backups to Data Domain, allowing Windows BMR from Data Domain savesets
- Windows Cluster Backups to Data Domain
- 32-Bit Client backups to Data Domain Systems;
  - Windows 7, 8 & 8.1, Windows Server 2008, Windows Server 2003, SUSE Linux Enterprise Server 10 & 11, Red Hat Enterprise Linux 5 & 6

EMC Avamar client file system, operating system, and platform compatibility

Table 2 lists the Avamar client file system, operating system, and platform compatibility support matrix. All OS service packs, updates, and patches are supported unless explicitly stated otherwise.

Table 2: EMC Avamar client file system, operating system, and platform compatibility

Operating system	Operating system version	Vendor/ platform	OS bit		Avamar versions						Supported File Systems & Notes
					With ADS					With DD	
			32	64	V5.0	V5.0SP2	V6.0	V6.1	V7.0	V7.0	
AIX	5.2, 5.3	IBM System p	X	X	X	X	X	X			jfs, jfs2
	6.1	IBM System p		X	X	X	X	X	X	X	DDBoost only supports 64-bit O/S

Operating system	Operating system version	Vendor/ platform	OS bit		Avamar versions						Supported File Systems & Notes
					With ADS					With DD	
			32	64	V5.0	V5.0SP2	V6.0	V6.1	V7.0	V7.0	
	7.1	IBM System p		X			X	X	X	X	
CentOS	4.x	x86/x64	X	X		X	X	X			
	5.x	x86/x64	X	X		X	X	X	X		ext2, ext3, ext4
	6.x	x86/x64	X	X			X	X	X		
Debian	4.x	x86/x64	X	X	X	X	X	X			ext2, ext3, ext4
	5.x	x86/x64	X	X	X	X	X	X	X		
	6.x	x86/x64	X	X			X	X	X		Debian 7.x support requires Avamar Client 7.0SP1 or later
	7.x	x86/x64	X	X					X		
Free BSD	6.2	x86/x64	X	X	X	X	X	X			ufs
	8.x	x64		X			X	X	X		
HP-UX	11.0	HP9000 (PA-RISC)	X	X			X	X			
	11iv1, 11iv2	HP9000 (PA-RISC)	X	X			X	X	X		
	11iv2	HP Integrity (IA-64)		X	X	X	X	X			vxfs, hfs
	11iv3	HP9000 (PA-RISC)	X	X			X	X	X	X	
	11iv3	HP Integrity (IA-64)		X	X	X	X	X	X	X	
Mac OS X	10.4.X	PowerPC	X	X	X	X					hfs, hfs+
		Intel	X	X	X	X	X				
	10.5.X	PowerPC	X	X	X	X					*Support for OS X 10.5 was present in Avamar v6.1 prior to SP1.
		Intel	X	X	X	X	X	*			
	10.6.x	x64		X		X	X	X	X		
	10.7.x	x64		X			X	X	X		
	10.8.x	X64		X				X	X		OS X 10.9.x support requires Avamar Client 7.0SP1 or later
	10.9.x	X64		X					X		

Operating system	Operating system version	Vendor/ platform	OS bit		Avamar versions						Supported File Systems & Notes
					With ADS					With DD	
			32	64	V5.0	V5.0SP2	V6.0	V6.1	V7.0	V7.0	
Novell NetWare	6.5 (SP6, SP7, SP8)	x86	X		X	X	X	X			File System: nss GroupWise and NetWare clusters not supported. Backup datasets should be limited to 500 GB or less. In-flight data encryption supported with v6.0 only.
Novell Open Enterprise Server (OES SP2)	SLES 9	x86	X		X	X	X	X			Nssvol
Novell Open Enterprise Server (OES 2)	SLES10	x64		X	X	X	X	X	X		Nssvol
Novell Open Enterprise Server (OES 11)	SLES11	x64		X				X	X		nssvol
Oracle Linux	5	x86/x64	X	X		X	X	X	X		ext2, ext3, ext4
	6	X86/x64	X	X			X	X	X		
Red Hat Enterprise Linux (RHEL) AS/ES/WS	3	x86/x64	X	X	X	X	X				ext2, ext3, ext4
	4	x86/x64	X	X	X	X	X	X	X		
	5	x86/x64	X	X	X	X	X	X	X	X	
		Linux on System z		X		X	X	X	X		
	6	x86/x64	X	X			X	X	X	X	
		Linux on System z		X					X		
Red Hat Linux	9.0	x86	X		X	X	X				ext2, ext3, ext4

Operating system	Operating system version	Vendor/ platform	32	64	V5.0	V5.0SP2	V6.0	V6.1	V7.0	With DD V7.0	Supported File Systems & Notes	
SCO UNIX	5.0.5 Openserver	x86	X		X	X	X	X				
	5.0.6 Openserver	x86	X			X	X	X			htfs, afs	
	5.0.7 Openserver	x86	X		X	X	X	X	X			
	7.1.3 UnixWare	x86	X		X	X	X	X			Vxfs	
	7.1.4 UnixWare	x86	X				X	X	X		vxfs Must apply ptf9055g, the UnixWare 7.1.4 MP4 Supplement, on UnixWare 7.1.4 MP4	
Solaris	8	SPARC	X	X	X	X	X				Supported file systems: ufs & zfs (on Solaris versions 10 and above. Solaris Zones is supported on Solaris 10 and 11	
	9	SPARC	X	X	X	X	X	X				
	10	SPARC	X	X	X	X	X	X	X	X		
	10	x86	X			X	X	X	X			
	10	x64		X	X	X	X	X	X	X		
	11	x64		X				X	X	X		
	11	SPARC		X				X	X	X		
Solaris with VCS	8	SPARC	X	X	X	X	X				VCS 4.1	File Systems: ufs, zfs, vxfs
	8	SPARC	X	X		X	X				VCS 5.0	
	9	SPARC	X	X		X	X				VCS 5.0	
	10	SPARC	X	X	X	X	X	X	X	X	VCS 5.0	
	10	SPARC	X	X			X	X	X	X	VCS 5.1	
	10	SPARC		X				X	X	X	VCS 6.0	
	10	x64		X	X	X	X	X	X	X	VCS 4.1	
	10	x64		X			X	X	X	X	VCS 5.0, 5.1	
	10	x64		X				X	X	X	VCS 6.0	
	11	SPARC		X				X	X	X	VCS 6.0	

Operating system	Operating system version	Vendor/ platform	OS bit		Avamar versions						Supported File Systems & Notes
					With ADS					With DD	
			32	64	V5.0	V5.0SP2	V6.0	V6.1	V7.0	V7.0	
		x64		X				X	X	X	VCS 6.0
Solaris with Solaris Cluster	10	SPARC		X				X	X	X	Solaris Cluster 3.2
		x64		X				X	X	X	Solaris Cluster 3.2
	11	SPARC		X				X	X	X	Solaris Cluster 4.0
		x64		X				X	X	X	Solaris Cluster 4.0
SUSE Linux Enterprise Server (SLES)	8	x86/x64	X	X	X	X	X				File Systems: ext2, ext3, ext4, reiserfs. For SUSE 8, only version 8.2 is supported
	9	x86/x64	X	X	X	X	X	X	X		ext2, ext3, ext4, reiserfs
	10	x86/x64	X	X	X	X	X	X	X	X	ext2, ext3, ext4, reiserfs
		Linux on System z		X		X	X	X	X		
	11	x86/x64	X	X	X	X	X	X	X	X	File Systems: ext2, ext3, ext4, reiserfs. Avamar 6.0 or later supports 32-bit and 64-bit, earlier Avamar versions support 64-bit only. Install of libcap.so.1 is required for Avamar 5.0. For Avamar 6.0 (and later) SLES11 client on a SLES 11.0 system, the following libraries must be installed: 32-bit systems: libxml2-2.7.6-0.1.37.i586.rpm libxml2-python-2.7.6-0.1.36.i586.rpm 64-bit systems:

| Operating system | Operating system version | Vendor/ platform | OS bit | | Avamar versions | | | | | | Supported File Systems & Notes |
| | | | | | With ADS | | | | | With DD | |
			32	64	V5.0	V5.0SP2	V6.0	V6.1	V7.0	V7.0	
											libxml2-2.7.6-0.1.37.x86_64.rpm libxml2-python-2.7.6-0.1.36.x86_64.rpm
		Linux on System z		X					X		
Symantec Enterprise Vault for File System Archiving	7.5	x86/x64	X	X				X	X		Supported with Windows Server 2008 x64 and Windows Server 2003 x86/x64 only
	8.x, 9.x	x86/x64	X	X			X	X	X		
Ubuntu	10.04 LTS	x86/x64	X	X			X	X	X		
	10.10	x86/x64	X	X			X	X			ext2, ext3, ext4
	11.x	x86/x64	X	X				X	X		
	12.04 LTS, 12.10	x86/x64	X	X					X		Support requires Avamar Client 7.0SP1 or later
	13.04, 13.10	x86/x64	X	X					X		Support requires Avamar Client 7.0SP1 or later
VMware ESX	2.5.3, 3.0.X, 3.5, 3.5i	VMware		X	X	X	X				Supports ability to perform backups at the VMware virtual machine (VM) guest level.
	4.0	VMware		X	X	X	X	X	X		Supports ability to perform full VM image backup/recovery (VMDK) and/or guest-level backup.
	4.1	VMware		X	X	X	X	X	X	X	
	4.1i	VMware		X	X	X	X	X	X	X	
	5.0, 5.0i	VMware		X		X	X	X	X	X	Note: support requires Avamar 5.0SP3 or later
	5.1, 5.1i	VMware		X				X	X	X	
	5.5, 5.51	VMware		X				X	X	X	Support requires hotfix for v6.1/v7.0 or Avamar Client 7.0SP1 or later

Operating system	Operating system version	Vendor/ platform	OS bit		Avamar versions						Supported File Systems & Notes
					With ADS					With DD	
			3 2	6 4	V5.0	V5.0SP2	V6.0	V6.1	V7.0	V7.0	
Windows	Windows Server 2012 R2	x64		X					X	X	Support requires Avamar Client 7.0SP1 or later
	Windows Server 2012 R2 Failover Cluster	x64		X					X	X	Support requires Avamar Client 7.0SP1 or later
	Windows Server 2012	x64		X			X	X	X	X	Support requires Avamar Client 6.1SP1 or later Includes Standard and Datacenter Editions. Includes support for Windows Server Core installation option, Avamar Administrator support requires 6.0 and is not supported on Server Core. File system and system state backup.
	Windows Server 2012 Failover Cluster	x64		X			X	X	X	X	Support requires Avamar Client 6.1SP1 or later Includes Standard and Datacenter Editions. Includes support for n-node active/passive and active/active cluster configurations. Includes support for Windows Server Core installation option, Avamar Administrator not supported on Server Core. File system and system state backup.
	Windows Server 2008 R2	x64		X		X	X	X	X	X	Includes Standard, Enterprise, and Datacenter Editions.

Operating system	Operating system version	Vendor/ platform	OS bit		Avamar versions						Supported File Systems & Notes
					With ADS					With DD	
			3 2	**6 4**	**V5.0**	**V5.0SP2**	**V6.0**	**V6.1**	**V7.0**	**V7.0**	
											Includes support for Windows Server Core installation option, Avamar Administrator support requires 6.0 and is not supported on Server Core.
	Windows Server 2008 R2 Failover Cluster	x64		X		X	X	X	X	X	Includes Enterprise and Datacenter Editions. Includes support for n-node active/passive and active/active cluster configurations. Includes support for Windows Server Core installation option, Avamar Administrator not supported on Server Core.
	Windows Server 2008 (RTM, SP2)	x86/x64	X	X	X	X	X	X	X	X	Includes Web, Standard, Enterprise, and Datacenter Editions. Support for Windows Core installation option requires Avamar v5.0.105 release. Avamar Administrator not supported on Server Core. Support for Windows Basre Metal Recovery requires Avamar v5.0.105 release or later
	Windows Server 2008 -Failover Cluster (RTM, SP2)	x86/x64	X	X	X	X	X	X	X	X	64-bit cluster only support to DD Includes Enterprise and Datacenter Editions. Support for Windows Core installation role requires Avamar v5.0.105

Operating system	Operating system version	Vendor/ platform	OS bit		Avamar versions						Supported File Systems & Notes
					With ADS					With DD	
			3 2	6 4	V5.0	V5.0SP2	V6.0	V6.1	V7.0	V7.0	
											release, Avamar Administrator not supported on Server Core. Includes support for n-node active/passive and active/active cluster configurations.
	Windows Server 2003 R2, SP2 or later	x86/x64	X	X	X	X	X	X	X	X	Includes Web, Standard, Enterprise, and Datacenter Editions. 32 bit support with DD requires Avamar Client 7.0SP1 or later
	Windows Server 2003 SP1 or later	x86/x64	X	X	X	X	X	X	X	X	Includes Web, Standard, Enterprise, and Datacenter Editions.
	Windows Cluster Server 2003 R2, SP2 or later	x86/x64	X	X	X	X	X	X	X		Includes Enterprise, and Datacenter Editions. Includes support for n-node active/passive and active/active cluster configurations.
	Windows Cluster Server 2003	x86/x64	X	X	X	X	X	X	X		Includes Enterprise, and Datacenter Editions. Includes support for n-node active/passive and active/active cluster configurations.
	Windows 8.1	x86/x64							X	X	Support requires Avamar Client 7.0SP1 or later
	Windows 8	x86/x64	X	X				X	X	X	Support requires Avamar Client 6.1SP1 or later Windows 8 Basic, Pro & Enterprise Editions supported. File system and system state backup.

Operating system	Operating system version	Vendor/ platform	OS bit		Avamar versions						Supported File Systems & Notes
					With ADS					With DD	
			32	64	V5.0	V5.0SP2	V6.0	V6.1	V7.0	V7.0	
	Windows 7	x86/x64	X	X			X	X	X	X	Windows 7 Professional, Ultimate and Enterprise Editions supported
	Windows Vista	x86/x64	X	X	X	X	X	X	X		Windows Vista Basic, Premium, and Enterprise are supported. Vista support is for file systems only.
	Windows XP	x86/x64	X	X	X	X	X	X	X		Both Windows XP Professional and XP Home are supported clients; Avamar Administrator requires minimum of SP1. The backup of data resident on disks encrypted by using non-Microsoft EFS disk encryption software is not supported.
Windows Storage Server	Windows Storage Server 2012 R2	x64		X					X	X	Support requires Avamar Client 7.0SP1 or later
	Windows Storage Server 2012	x64		X				X	X	X	Support requires Avamar Client 6.1SP1 or later
	Windows Storage Server 2008 R2	x64		X			X	X	X	X	Single Instance Storage (SIS) and clustering are supported
	Windows Storage Server 2008	x64		X			X	X	X	X	Single Instance Storage (SIS) and clustering are supported
	Windows Storage Server 2003 R2	x86, x64	X	X			X	X	X		Single Instance Storage (SIS) is **not supported**

Notes:

1. **System State Backup & Recovery** — supported only on Windows XP, Windows Server 2003, RHEL, SLES, CentOS, and Solaris platforms. SLES support is available in Avamar 6.1 or later.
2. **Virtualization support** — EMC Avamar supports guest-level backups of virtualized environments on all major virtualization platforms to the extent that they support the environments natively. This includes file system backups and applications. Major virtualized platforms are currently defined as VMware, Hyper-V, Xen, Solaris/OpenSolaris Container/Zones, Oracle VM Server for SPARC (LDOM) and Oracle VM Server for x86, HP nPAR, KVM and AIX/Linux LPAR.
   - Avamar 5.0 and 5.0SP1 are compatible with VMware vCenter v4.0.0 and v4.0 Update 1
   - Avamar 5.0SP2 is compatible with VMware vCenter v4.0.0, v4.0 Update 1 and v4.0 Update 2
   - Avamar 5.0SP3 is compatible with VMware vCenter v4.0.0, v4.0 Update 1, v4.0 Update 2, v4.1 and v4.1i
   - Avamar 6.0 is compatible with VMware vCenter v4.0.0,v4.0 Update1, v4.0 Update 2, v4.1,v4.1i,v5.0,v5.0 Update 1, v5.0i,v5.0i Update 1
   - Avamar 6.1 is compatible with VMware vCenter v4.0.0,v4.0 Update1, v4.0 Update 2, v4.1,v4.1i,v5.0,v5.0 Update 1, v5.0i,v5.0i Update 1, v5.1, v5.1 Update 1, v5.1i, v5.1i Update 1
   - Avamar 7.0 is compatible with VMware vCenter v4.1, v4.1i, v5.0,v5.0 Update 1, v5.0i,v5.0i Update 2, v5.1, v5.1 Update 1, v5.1i, v5.1i Update 1

EMC Avamar client Bare Metal Recovery and Disaster Recovery

Table 3 lists the Avamar client Bare Metal Recovery (BMR) and Disaster Recovery (DR) capabilities and compatibilities.

Table 3: EMC Avamar client Bare Metal Recovery and Disaster Recovery compatibility

Avamar version	Operating system version	OS bit 32	OS bit 64	Bare Metal Recovery to Same/Similar Hardware	Physical to Virtual (P2V) Bare Metal Recovery	Disaster Recovery
V7.0	Windows Server 2012 R2 (all editions)[2] Windows Server 2012 (all editions) Windows 2008R2 (all editions) Windows 2008 (all editions)[2]		X	X	Dell, HP, IBM and Cisco Servers to vSphere 5.x & 5.5, Hyper-V 2008 R2, 2012 & 2012 R2	Steps documented in Avamar Windows Server Users Guide
	Windows 2008 (all editions) Windows 8.1[2] Windows 8 Windows 7	X	X	X[1]		
	RedHat, SUSE, CentOS	X	X			Steps documented in Avamar Administrator's Users Guide
	Solaris	X	X			

Notes:

- Windows BMR for Windows 8.1 and Windows Server 2012 R2 requires Avamar Client 7.0 SP1 or later
- Windows P2V BMR to vSphere 5.5 and Hyper-V 2008 R2, 2012 & 2012 R2 requires Avamar Client 7.0 SP1 or later
1. Excludes Avamar DTLT client.
2. Support requires Avamar Client 7.0SP1 or later

EMC Avamar Administrator supported platforms

Table 4 lists the operating environments on which the Avamar Administrator can run.

Table 4: EMC Avamar Administrator operating system and platform compatibility

Operating system	Operating system version	Vendor/ platform	OS bit 32	OS bit 64	Avamar Administrator	Notes
Red Hat Enterprise Linux (RHEL) AS/ES/WS	4	x86/x64		X	X	
Windows	Windows Server 2012 R2	x64		X	X	Avamar Administrator not supported on Server Core. Requires Avamar v7.0SP1 or later.
	Windows Server 2012	x64		X	X	Avamar Administrator not supported on Server Core.
	Windows Server 2012 Failover Cluster	x64		X	X	Avamar Administrator support requires 6.0 and is not supported on Server Core.
	Windows 8.1	x86/x64	X	X	X	Requires Avamar v7.0SP1 or later.
	Windows 8	x86/x64	X	X	X	
	Windows Server 2008 R2	x64		X	X	Support requires Avamar Client 6.1SP1 or later Windows 8 Basic, Pro & Enterprise Editions supported. File system and system state backup.
	Windows Server 2008 R2 Failover Cluster	x64		X	X	Includes Standard, Enterprise, and Datacenter Editions. Includes support for Windows Server Core installation option, Avamar Administrator support requires 6.0 and is not supported on Server Core.
	Windows Server 2008 (RTM, SP2)	x86/x64	X	X	X	Avamar Administrator not supported on Server Core.
	Windows Server 2008 -Failover Cluster (RTM, SP2)	x86/x64	X	X	X	Avamar Administrator not supported on Server Core
	Windows Server 2003 R2, SP2 or later	x86/x64	X	X	X	Avamar Administrator not supported on Server Core.

Operating system	Operating system version	Vendor/ platform	OS bit		Avamar Administrator	Notes
			32	64		
	Windows Server 2003 SP1 or later	x86/x64	X	X	X	Includes Web, Standard, Enterprise, and Datacenter Editions.
	Windows Cluster Server 2003 R2, SP2 or later	x86/x64	X	X	X	Includes Web, Standard, Enterprise, and Datacenter Editions.
	Windows Cluster Server 2003	x86/x64	X	X	X	Includes Enterprise, and Datacenter Editions. Includes support for n-node active/passive and active/active cluster configurations.
	Windows 7	x86/x64	X	X	X	Includes Enterprise, and Datacenter Editions. Includes support for n-node active/passive and active/active cluster configurations.
	Windows Vista	x86/x64	X	X	X	Windows 7 Professional, Ultimate and Enterprise Editions supported
	Windows XP	x86/x64	X	X	X	Windows Vista Basic, Premium, and Enterprise are supported. Vista support is for file systems only.

EMC Avamar Application Compatibility

Table 5 lists the Avamar application compatibility support matrix. All OS service packs, updates, and patches are supported unless explicitly stated otherwise. The Avamar client and the Avamar application plug-ins installed on each host must be the same version number.

Table 5: Avamar application compatibility

Application Plug-In	App version	App bitness		H/W platform	Operating system	OS bit		Avamar versions With ADS					Notes
		32	64			32	64	V5.0	V5.0SP2 or later	V6.0	V6.1	V7.0	
DB2	9.1		X	IBM System p	AIX 5.3		X	X	X	X			
			X	x64	Windows Server 2003	X	X	X	X	X			
	9.5	X		x86	RHEL 4, 5, 6	X				X	X	X	
			X	x64	RHEL 4, 5, 6		X			X	X	X	
		X		x86	SLES 9, 10	X			X	X	X	X	SLES 9 support requires DB2 Plug-in 7.0 or higher
		X		x86	SLES 11	X				X	X	X	
			X	x64	SLES 9, 10, 11		X		X	X	X	X	SLES 9 support requires DB2 Plug-in 7.0 or higher
			X	IBM System p	AIX 5.3		X	X	X	X			
			X	IBM System p	AIX 6.1		X	X	X	X	X	X	

Application Plug-In	App version	App bitness 32	App bitness 64	H/W platform	Operating system	OS bit 32	OS bit 64	Avamar versions With ADS V5.0	V5.0SP2 or later	V6.0	V6.1	V7.0	Notes
			X	IBM System p	AIX 7.1		X			X	X	X	
			X	HP Integrity (IA-64)	HP-UX 11iv3		X					X	
			X	SPARC	Solaris 10		X					X	
			X	x64	Solaris 10		X					X	
		X		x86	Windows Server 2008	X					X	X	
			X	x64	Windows Server 2003		X	X	X	X			
			X	x64	Windows Server 2008, 2008 R2, 2012		X				X	X	
	9.7	X		x86	RHEL 5, 6	X				X	X	X	
			X	x64	RHEL 5		X		X	X	X	X	
			X	x64	RHEL 6		X			X	X	X	
		X		x86	SLES 9, 10,11	X			X	X	X	X	SLES 9 support requires DB2 Plug-in 7.0 or higher
			X	x64	SLES 9, 10,11		X			X	X	X	
			X	IBM System p	AIX 6.1		X		X	X	X	X	
			X	IBM System p	AIX 7.1		X			X	X	X	
			X	HP Integrity (IA-64)	HP-UX 11iv3		X					X	
			X	x64	Solaris 10		X					X	
			X	SPARC	Solaris 10		X					X	

Application Plug-In	App version	App bitness		H/W platform	Operating system	OS bit		Avamar versions					Notes
									With ADS				
		32	64			32	64	V5.0	V5.0SP2 or later	V6.0	V6.1	V7.0	
		X		x86	Windows Server 2003	X				X			
		X		x86	Windows Server 2008	X					X	X	
			X	x64	Windows Server 2008, 2008 R2		X	X	X	X	X	X	
			X	x64	Windows 2012		X				X	X	
			X	x64	Windows 2012 R2		X					X	Support requires DB2 Plug-in 7.1 SP1 or higher
	10.1	X	X	x86/x64	RHEL 5, 6	X	X				X	X	Supported on all combinations of DB2 and OSs listed in this DB2 section, provided that the OS is supported by both DB2 and the Avamar client on the DB2 host
		X	X	x86/x64	SLES 10, 11	X	X				X	X	
			X	IBM System p	AIX 6.1, 7.1		X				X	X	
			X	HP Integrity (IA-64)	HP-UX 11iv3		X					X	
			X	x64	Solaris 10		X					X	
			X	SPARC	Solaris 10, 11		X					X	NOTE: support requires DB2 Plug-in 6.1SP1 or higher for DB2 10.1 FP 0-3 and DB2 Plug-in 7.0 SP2 or higher for DB2 10.1 FP 4 and up
		X	X	x86/x64	Windows Server 2008	X	X				X	X	
			X	X64	Windows Server 2008 R2, 2012, 2012 R2		X				X	X	
	10.5		X	x64	RHEL 5, 6		X					X	
			X	x64	SLES 10, 11		X					X	Supported on all combinations of DB2 and OSs listed in this DB2 section,
			X	IBM System p	AIX 6.1, 7.1		X					X	

Application Plug-In	App version	App bitness		H/W platform	Operating system	OS bit		Avamar versions With ADS					Notes
		32	64			32	64	V5.0	V5.0SP2 or later	V6.0	V6.1	V7.0	
			X	HP Integrity (IA-64)	HP-UX 11iv3		X					X	provided that the OS is supported by both DB2 and the Avamar client on the DB2 host
			X	x64	Solaris 10		X					X	
			X	SPARC	Solaris 10, 11		X					X	NOTE: support requires DB2 Plug-in 7.0SP1 or higher for DB2 10.5 FP 0-2 and DB2 Plug-in 7.0 SP2 or higher for DB2 10.5 FP 3 and up
			X	x64	Windows Server 2008, 2008R2, 2012		X					X	
DB2 DPF	DB2 DPF is supported for all DB2 and OSs for which DB2 non-DPF is supported										X	X	
Exchange (VSS)	2007 SP1, SP2, SP3		X	x64	Windows Server 2003 x64 with SP2		X		X	X	X		Exchange Granular Level Recoveries (GLR) are not supported on Windows Server 2003
			X	x64	Windows Server 2003 R2 x64 with SP2		X		X	X	X		Exchange Granular Level Recoveries (GLR) are not supported on Windows Server 2003R2
			X	x64	Windows Server 2008 x64		X		X	X	X	X	Exchange Granular Level Recoveries (GLR) require Avamar 6.0 Server or later
	2007 SP3		X	x64	Windows Server 2008 R2 x64		X		X	X	X	X	Exchange Granular Level Recoveries (GLR) require Avamar 6.0 Server or later
	2010		X	x64	Windows Server 2008 R2 x64		X		X	X	X	X	

Application Plug-In	App version	App bitness		H/W platform	Operating system	OS bit		Avamar versions					Notes
									With ADS				
		32	64			32	64	V5.0	V5.0SP2 or later	V6.0	V6.1	V7.0	
	SP1, SP2. SP3		X	x64	Windows Server 2008 SP2 x64		X			X	X	X	X	Exchange Server 2010 Sp3 requires Avamar Exchange Plug-in 6.1SP1 or later. Exchange Granular Level Recoveries (GLR) require Avamar 6.0 Server or later
	2010 SP3		X	x64	Windows Server 2012		X					X	X	
	2013		X	x64	Windows Server 2008 R2		X						X	Requires Exchange Server 2013 CU3 or later
			X	x64	Windows Server 2012		X						X	
Exchange (VSS) with MSCS	2007 SP1, SP2, SP3		X	x64	Windows Server 2003, Enterprise/DC Edition		X			X	X	X		Exchange Server 2007 CCR Passive Node backups require Avamar v5.0.105 release or later. Single Copy Cluster, CCR, LCR and SCR are supported
	2007 SP1, SP2, SP3		X	x64	Windows Server 2008, Enterprise/DC Edition		X			X	X	X	X	Exchange Server 2007 CCR Passive Node backups require Avamar v5.0.105 release or later

Application Plug-In	App version	App bitness		H/W platform	Operating system	OS bit		Avamar versions With ADS					Notes
		32	64			32	64	V5.0	V5.0SP2 or later	V6.0	V6.1	V7.0	
													Single Copy Cluster, CCR, LCR and SCR are supported
	2007 SP3		X	x64	Windows Server 2008 R2		X		X	X	X	X	Exchange Server 2007 CCR Passive Node backups require Avamar v5.0.105 release or later. Single Copy Cluster, CCR, LCR and SCR are supported
	2010 SP1, SP2, SP3		X	x64	Windows Server 2008 R2		X		X	X	X	X	Exchange Server 2010 DAG Active/Passive Node configurations are supported
			X	x64	Windows Server 2008 SP2 x64		X		X	X	X	X	
	2010 SP3		X	x64	Windows Server 2012						X	X	Exchange Server 2010 DAG Active/Passive Node configurations are supported
	2013		X	x64	Windows Server 2008 R2							X	Requires Exchange Server 2013 CU3 or later
			X	x64	Windows Server 2012							X	
Exchange (Legacy Module)	2003 SP2	X		x86	Windows Server 2003 SP2 or later	X	X	X	X	X			
	2007 SP1,		X	x64	Windows Server 2003 x64 with SP2		X	X	X	X			Exchange Server 2007 CCR Passive Node backups not supported

Application Plug-In	App version	App bitness		H/W platform	Operating system	OS bit		Avamar versions With ADS					Notes
		32	64			32	64	V5.0	V5.0SP2 or later	V6.0	V6.1	V7.0	
	SP2, SP3		X	x64	Windows Server 2008 x64		X	X	X	X			Exchange Server 2007 CCR Passive Node backups not supported
	2007 SP3		X	x64	Windows Server 2008 R2 x64		X		X	X			Exchange Server 2007 CCR Passive Node backups not supported.
Exchange (Legacy Module) with MSCS	2003 SP2	X		x86	Windows Server 2003, Enterprise/DC Edition	X		X	X	X			n-node active/passive and active/active cluster configurations supported.
	2007 SP1, SP2, SP3		X	x64	Windows Server 2008, Enterprise/DC Edition		X	X	X	X			Single Copy Cluster and CCR (Active Node), LCR, and SCR supported.
	2007 SP1, SP2, SP3		X	x64	Windows Server 2003, Enterprise/DC Edition		X	X	X	X			Single Copy Cluster and CCR (Active Node), LCR, and SCR supported.
	2007 SP3		X	x64	Windows Server 2008 R2		X		X	X			Single Copy Cluster and CCR (Active Node), LCR, and SCR supported.
Hyper-V	2008 R2		X	x64	Windows Server 2008 R2		X				X	X	Includes Server Core installation role
	2012		X	x64	Windows Server 2012		X					X	

Application Plug-In	App version	App bitness 32	App bitness 64	H/W platform	Operating system	OS bit 32	OS bit 64	With ADS V5.0	With ADS V5.0SP2 or later	With ADS V6.0	With ADS V6.1	With ADS V7.0	Notes
	2012 R2		X	x64	Windows Server 2012 R2		X					X	Support requires Avamar Client 7.0SP1 or later
Lotus Domino	6.5	X		IBM System p	AIX 5.3	X		X	X	X			
		X		x86	Windows Server 2003	X		X	X	X			
	7.x	X		IBM System p	AIX 5.3	X		X	X	X			
		X		x86	Windows Server 2003	X		X	X	X			
	8.0.x	X		x86/x64	RHEL 5	X	X				X	X	
		X		x86/x64	SLES 10	X	X				X	X	
		X		IBM System p	AIX 5.3		X				X	X	
		X	X	IBM System p	AIX 6.1	X	X			X	X	X	Support for 32-bit Domino requires Lotus Domino Plug-in 6.0 SP2 or higher
		X		SPARC	Solaris 10		X					X	
		X	X	x86/x64	Windows Server 2003	X	X	X	X	X	X		Support on 64-bit Windows requires Lotus Domino Plug-in 6.1 or higher
	8.5.x	X		x86/x64	RHEL 5, 6	X	X				X	X	
		X		x86/x64	SLES 10, 11	X	X				X	X	
		X		IBM System p	AIX 5.3	X	X				X		

Application Plug-In	App version	App bitness		H/W platform	Operating system	OS bit		Avamar versions					Notes
									With ADS				
		32	64			32	64	V5.0	V5.0SP2 or later	V6.0	V6.1	V7.0	
			X	IBM System p	AIX 5.3		X			X	X		
		X	X	IBM System p	AIX 6.1, 7.1	X	X			X	X	X	Support for 32-bit Domino requires Lotus Domino Plug-in 6.0 SP2 or higher
		X		SPARC	Solaris 10		X					X	
		X		x86/x64	Windows Server 2003, 2003 R2, 2008	X			X	X	X		
			X	x64	Windows Server 2003, 2003 R2		X			X	X		
		X		x64	Windows Server 2003, 2003 R2, 2008, 2008 R2		X				X		
			X	x86/ x64	Windows Server 2008, 2008 R2		X		X	X	X	X	
		X	X	x86/x64	Windows Server 2008, 2008 R2	X	X					X	
	9.0.x	X		x86/x64	RHEL 6		X				X	X	Supported on all combinations of Lotus Domino and OSs listed in this Lotus Domino section, provided that the OS is supported by both Domino and the Avamar client on the Lotus Domino host.
		X		x86/x64	SLES 11		X				X	X	
		X	X	IBM System p	AIX 7.1		X				X	X	
		X	X	x86/x64	Windows Server 2008 R2, 2012, 2012 R2		X				X	X	

		App bitness		**H/W platform**	**Operating system**	**OS bit**		**Avamar versions**					**Notes**
Application Plug-In	**App version**								**With ADS**				
		32	**64**			**32**	**64**	**V5.0**	**V5.0SP2 or later**	**V6.0**	**V6.1**	**V7.0**	
Lotus Domino on MSCS	7.x 8.0.x 8.5.x 9.0.x	Supported for all combinations of Windows and Lotus Domino, provided that: • The Windows version is supported by the Avamar Lotus Plug-in • The cluster is supported by Lotus Domino and the Avamar client on the Lotus Domino host											
Oracle	9i	X		x86	RHEL 3	X		X	X	X			Supported on raw devices and ASM
			X	IBM System p	AIX 5.2, 5.3		X	X	X	X			
		X	X	SPARC	Solaris 8, 9	X	X	X	X	X			
		X	X	x86/x64	Windows Server 2003	X	X	X	X	X			
	10gR1, 10gR2	X		x86	RHEL 3	X		X	X	X			DDBoost supported on Solaris 10 and AIX 6.1 only
		X	X	x86/x64	RHEL 4, 5	X	X	X	X	X			
		X	X	x86/x64	SLES 9 , 10	X	X	X	X	X			
			X	IBM System p	AIX 5.2, 5.3, 6.1		X	X	X	X			
			X	HP Integrity (IA-64)	HP-UX 11iv2, HP-UX 11iv3		X			X			
		X	X	SPARC	Solaris 8, 9	X	X	X	X	X			Supported on raw devices and ASM
			X	SPARC	Solaris 10		X	X	X	X			
			X	x64	Solaris 10		X	X	X	X			
		X	X	x86/x64	Windows Server 2003	X	X	X	X	X			
		X	X	x86/x64	Windows Server 2008	X	X	X	X	X			
		X	X	x86/x64	Oracle Linux 5, 6	X	X			X	X	X	

Application Plug-In	App version	App bitness 32	App bitness 64	H/W platform	Operating system	OS bit 32	OS bit 64	Avamar versions With ADS V5.0	V5.0SP2 or later	V6.0	V6.1	V7.0	Notes
	11gR1, 11gR2	X	X	x86/x64	RHEL 4, 5, 6	X	X	X	X	X	X	X	
		X	X	x86/x64	SLES 10	X	X	X	X	X	X	X	
		X	X	x86/x64	SLES 11	X	X	X	X	X	X	X	
			X	IBM System p	AIX 5.3		X	X	X	X			
			X	IBM System p	AIX 6.1		X	X	X	X	X	X	
			X	IBM System p	AIX 7.1		X			X	X	X	
			X	HP 9000 (PA-RISC)	HP-UX 11iv3		X				X	X	
			X	HP Integrity (IA-64)	HP-UX 11iv2		X			X			
			X	HP Integrity (IA-64)	HP-UX 11iv3		X			X	X	X	Supported on raw devices and ASM
			X	SPARC	Solaris 10		X	X	X	X	X	X	
			X	SPARC	Solaris 11		X				X	X	
			X	x64	Solaris 10		X			X	X	X	
			X	x64	Solaris 11		X				X	X	
		X	X	x86	Windows Server 2003 R2	X	X			X	X		
		X	X	x86/x64	Windows Server 2008	X	X	X	X	X	X	X	
			X	x64	Windows Server 2008 R2		X		X	X	X	X	

EMC Avamar Compatibility and Interoperability Matrix

Application Plug-In	App version	32	64	H/W platform	Operating system	OS bit 32	OS bit 64	V5.0	V5.0SP2 or later	V6.0	V6.1	V7.0	Notes
	12cR1		X	x64	Oracle Linux 5, 6		X					X	
			X	x64	RHEL 5, 6		X					X	
			X	x64	SLES 11		X					X	
			X	IBM System p	AIX 6.1, 7.1		X					X	
			X	HP Integrity (IA-64)	HP-UX 11iv3		X					X	
			X	SPARC	Solaris 10, 11		X					X	
			X	x64	Solaris 10, 11		X					X	
			X	x64	Windows Server 2008, 2008 R2, 2012		X					X	
Oracle with VCS	9i		X	SPARC	Solaris 8		X	X	X	X			VCS 4.1, 5.0
	10gR1, 10gR2		X	x64	Solaris 10		X	X	X	X			VCS 4.1 , 5.0, 5.1
			X	SPARC	Solaris 10		X	X	X	X			VCS 5.0, 5.1
	11gR1, 11gR2		X	x64	Solaris 10		X				X	X	VCS 5.1
			X	SPARC	Solaris 10		X				X	X	VCS 5.1
			X	x64	Solaris 10, 11		X				X	X	VCS 6.0
			X	SPARC	Solaris 10, 11		X				X	X	VCS 6.0
	12cR1		X	x64	Solaris 10, 11		X					X	VCS 6.0
			X	SPARC	Solaris 10, 11		X					X	VCS 6.0

*EMC Avamar **Compatibility and Interoperability Matrix***

Application Plug-In	App version	App bitness		H/W platform	Operating system	OS bit		Avamar versions With ADS					Notes
		32	64			32	64	V5.0	V5.0SP2 or later	V6.0	V6.1	V7.0	
Oracle with MSCS	10gR1, 10gR2		X	x64	Windows Server 2003, 2003 R2		X			X			
	11gR1, 11gR2	X	X	x86/x64	Windows Server 2008	X	X		X	X	X	X	
			X	x64	Windows Server 2008 R2		X		X	X	X	X	
	12cR1		X	x64	Windows Server 2008, 2008 R2, 2012							X	
Oracle RAC	10gR1 10gR2	X	X	x86/x64	RHEL 5	X	X			X			
			X	IBM System p	AIX 6.1		X			X			
			X	SPARC	Solaris 10		X			X			
			X	x64	Solaris 10		X			X			Supported on • all Oracle clusterware versions supported by Oracle • raw devices and ASM NOTE: Oracle RAC 12cR1 support requires Oracle Plug-in 7.0SP1 or higher
	11gR1, 11gR2	X	X	x86/x64	Oracle Linux 5, 6	X	X			X	X	X	
		X	X	x86/x64	RHEL 5, 6	X	X			X	X	X	
		X	X	x86/x64	SLES 11	X	X			X	X	X	
			X	IBM System p	AIX 6.1, 7.1		X			X	X	X	
			X	HP Integrity (IA64)	HP-UX 11iv3		X					X	
			X	SPARC	Solaris 10, 11		X			X	X	X	
			X	x64	Solaris 10, 11		X			X	X	X	

Application Plug-In	App version	App bitness		H/W platform	Operating system	OS bit		Avamar versions With ADS					Notes
		32	64			32	64	V5.0	V5.0SP2 or later	V6.0	V6.1	V7.0	
		X	X	x86/x64	Windows Server 2008	X	X				X	X	
			X	x64	Windows Server 2008 R2		X				X	X	
	12cR1	Oracle RAC 12cR1 is supported on all Oracle and OS environments in which non-clustered Oracle 12cR1 is supported										X	
SAP with Oracle	BR*Tools 7.00, 7.10, 7.20, 7.40		X	x64	Oracle Linux 5, 6		X				X	X	Supported on • all combinations of BR*Tools and OSs listed in this SAP section, provided that the OS is supported by both BR*Tools and the Avamar client on the SAP plug-in host • all versions of Oracle supported by BR*Tools
		X	X	x86/x64	RHEL 4, 5, 6	X	X				X	X	
		X	X	x86/x64	SLES 9, 10, 11	X	X				X	X	
			X	IBM System p	AIX 6.1, 7.1		X					X	
			X	HP Integrity (IA-64)	HP-UX 11iv3		X					X	
			X	SPARC	Solaris 9, 10, 11		X				X	X	
			X	x64	Solaris 10, 11		X					X	
		X	X	x86/x64	Windows Server 2003, 2003 R2, 2008, 2008 R2, 2012, 2012 R2	X	X				X	X	
SAP with Oracle with VCS	Supported for all combinations of OSs and BR*Tools, provided that: • The OS is supported by the SAP plug-in										X	X	Support on Solaris 11 with VCS or Sun Cluster requires SAP Plug-in 6.1 SP1 or higher

Application Plug-In	App version	App bitness		H/W platform	Operating system	OS bit		Avamar versions					Notes
									With ADS				
		32	64			32	64	V5.0	V5.0SP2 or later	V6.0	V6.1	V7.0	
SAP with Oracle with Sun Cluster	• The cluster is supported by BR*Tools and the Avamar client on the SAP plug-in host										X	X	
SAP with Oracle with MSCS											X	X	
SharePoint (VSS)[1]	2007 SP2 or later		X	x64	Windows Server 2008		X			X	X	X	
			X	x64	Windows Server 2008 R2		X			X	X	X	
	2010, 2010 SP1, 2010 SP2		X	x64	Windows Server 2008		X			X	X	X	Includes SharePoint Foundation 2010
			X	x64	Windows Server 2008 R2		X			X	X	X	Includes SharePoint Foundation 2010
	2013		X	x64	Windows Server 2012		X				X	X	Support requires Avamar Client & SharePoint VSS Plug-in 6.1SP1 or later
			X	x64	Windows Server 2008 R2 SP1 or later		X				X	X	Includes SharePoint Foundation 2013
SharePoint (VSS) with MSCS[1]	2007, SP2 or later		X	x64	Windows Server 2008, Enterprise Edition		X			X	X	X	Includes support for n-node active/passive and active/active cluster configurations.
			X	x64	Windows Server 2008 R2		X			X	X	X	
			X	x64	Windows Server 2008		X			X	X	X	

Application Plug-In	App version	App bitness		H/W platform	Operating system	OS bit		Avamar versions With ADS					Notes
		32	64			32	64	V5.0	V5.0SP2 or later	V6.0	V6.1	V7.0	
	2010, 2010 SP1, 2010 SP2		X	x64	Windows Server 2008 R2		X			X	X	X	Includes SharePoint Foundation 2010
	2013		X	x64	Windows Server 2008 R2 SP1 or later		X				X	X	Support requires Avamar Client & SharePoint VSS Plug-in 6.1SP1 or later
			X	x64	Windows Server 2012		X				X	X	Includes SharePoint Foundation 2013
SharePoint (Legacy Plug-in)	2007, SP2 or later	X	X	x86/x64	Windows Server 2003 SP2 or later	X	X	X	X				SharePoint Server 2007 Standard and Enterprise Editions supported
		X	X	x86/x64	Windows Server 2008	X	X	X	X				
			X	x64	Windows Server 2008 R2		X						
Windows SharePoint Services (Legacy Plug-in)	3.0 SP2 or later	X	X	x86/x64	Windows Server 2003 SP2 or later	X	X	X	X				
		X	X	x86/x64	Windows Server 2008	X	X	X	X				
			X	x64	Windows Server 2008 R2		X		X				
SharePoint (Legacy Plug-in) with MSCS	2007, SP2 or later	X	X	x86/x64	Windows Server 2003 SP2 or later, Enterprise Edition	X	X	X	X				Includes support for n-node active/passive and active/active cluster configurations.
		X	X	x86/x64	Windows Server 2008, Enterprise Edition	X	X	X	X				

Application Plug-In	App version	App bitness		H/W platform	Operating system	OS bit		Avamar versions					Notes
									With ADS				
		32	64			32	64	V5.0	V5.0SP2 or later	V6.0	V6.1	V7.0	
			X	x64	Windows Server 2008 R2		X		X				
SQL Server	2005 SP1 or later	X	X	x86/x64	Windows Server 2003 SP1 or later	X	X	X	X	X	X	X	SQL Server 2005 Editions supported: Standard, Express, Enterprise, Workgroup, Developer
		X	X	x86/x64	Windows Server 2003 R2, SP2 or later	X	X	X	X	X	X	X	
		X	X	x86/x64	Windows Server 2008 SP1 or later	X	X	X	X	X	X	X	
			X	x64	Windows Server 2008 R2		X		X	X	X	X	
	2008 SP1 or later	X	X	x86/x64	Windows Server 2003 SP1 or later	X	X	X	X	X	X	X	SQL Server 2008 Editions supported: Standard, Express, Enterprise, Workgroup, Web, Developer
		X	X	x86/x64	Windows Server 2003 R2, SP2 or later	X	X	X	X	X	X	X	
		X	X	x86/x64	Windows Server 2008 SP1 or later	X	X	X	X	X	X	X	
			X	x64	Windows Server 2008 R2		X		X	X	X	X	
	2008 SP3 or later		X	x64	Windows Server 2012		X				X	X	Support requires Avamar Client 6.1SP1 or later

		App bitness		H/W platform	Operating system	OS bit		Avamar versions	With ADS				Notes
Application Plug-In	App version	32	64			32	64	V5.0	V5.0SP2 or later	V6.0	V6.1	V7.0	
			X	x64	Windows Server 2012 R2		X					X	Support requires Avamar Client 7.0SP1 or later
	2008 R2	X	X	x86/x64	Windows Server 2003 SP1 or later	X	X		X	X	X	X	SQL Server 2008 R2 Editions supported Standard, Express, Enterprise, Workgroup, Web, Developer
		X	X	x86/x64	Windows Server 2003 R2, SP2 or later	X	X		X	X	X	X	
		X	X	x86/x64	Windows Server 2008 SP1 or later	X	X		X	X	X	X	
			X	x64	Windows Server 2008 R2		X		X	X	X	X	
	2008 R2 SP1 or later		X	x64	Windows Server 2012		X				X	X	Support requires Avamar Client 6.1SP1 or later
	2008 R2 SP2 or later		X	x64	Windows Server 2012 R2		X					X	Support requires Avamar Client 7.0SP1 or later
	2012, 2012 SP1	X	X	x86/x64	Windows Server 2008 SP2 or later	X	X				X	X	SQL Server 2012 / 2012 SP1 Editions supported:
			X	x64	Windows Server 2008 R2 SP1 or later		X				X	X	Enterprise, Business Intelligence, Standard, Web, Express
			X	x64	Windows Server 2012		X				X	X	SQL Server 2012 / 2012 SP1 Editions supported:

EMC Avamar Compatibility and Interoperability Matrix

Application Plug-In	App version	App bitness		H/W platform	Operating system	OS bit		Avamar versions With ADS					Notes
		32	64			32	64	V5.0	V5.0SP2 or later	V6.0	V6.1	V7.0	
													Enterprise, Business Intelligence, Standard, Web, Express Support requires Avamar Client 6.1SP1 or later
			X	x64	Windows Server 2012 R2		X					X	Support requires Avamar Client 7.0SP1 or later
			X	x64	Windows 7 SP1 or later Windows 8 or later		X					X	
SQL Server (MSCS)	2005 SP1 or later	X	X	x86/x64	Windows Server 2003, SP1 or later, Enterprise Edition	X	X	X	X	X	X	X	Includes support for n-node active/passive and active/active cluster configurations.
		X	X	x86/x64	Windows Server 2003 R2, SP2 or later, Enterprise Edition	X	X	X	X	X	X	X	Includes support for n-node active/passive and active/active cluster configurations.
		X	X	x86/x64	Windows Server 2008 SP1 or later	X	X	X	X	X	X	X	Includes support for n-node active/passive and active/active cluster configurations.
			X	x64	Windows Server 2008 R2		X		X	X	X	X	Includes support for n-node active/passive and active/active cluster configurations..

Application Plug-In	App version	App bitness		H/W platform	Operating system	OS bit		Avamar versions With ADS					Notes
		32	64			32	64	V5.0	V5.0SP2 or later	V6.0	V6.1	V7.0	
	2008 SP1 or later	X	X	x86/x64	Windows Server 2003 (SP1 or later)	X	X	X	X	X	X	X	Includes support for n-node active/passive and active/active cluster configurations.
		X	X	x86/x64	Windows Server 2003 R2, SP2 or later, Enterprise Edition	X	X	X	X	X	X	X	Includes support for n-node active/passive and active/active cluster configurations.
		X	X	x86/x64	Windows 2008 Enterprise Edition	X	X	X	X	X	X	X	Includes support for n-node active/passive and active/active cluster configurations.
			X	x64	Windows Server 2008 R2		X		X	X	X	X	Includes support for n-node active/passive and active/active cluster configurations.
	2008 SP3 or later		X	x64	Windows Server 2012		X				X	X	Support requires Avamar Client 6.1SP1 or later
			X	x64	Windows Server 2012 R2		X					X	Support requires Avamar Client 7.0SP1 or later
	2008 R2		X	x64	Windows Server 2008 R2		X		X	X	X	X	Includes support for n-node active/passive and active/active cluster configurations.
		X	X	x86/x64	Windows 2008 Enterprise Edition	X	X		X	X	X	X	Includes support for n-node active/passive and

EMC Avamar Compatibility and Interoperability Matrix

Application Plug-In	App version	App bitness		H/W platform	Operating system	OS bit		Avamar versions					Notes
									With ADS				
		32	64			32	64	V5.0	V5.0SP2 or later	V6.0	V6.1	V7.0	
													active/active cluster configurations.
		X	X	x86/x64	Windows Server 2003 R2, SP2 or later, Enterprise Edition	X	X		X	X	X	X	Includes support for n-node active/passive and active/active cluster configurations.
		X	X	x86/x64	Windows Server 2003 (SP1 or later)	X	X		X	X	X	X	Includes support for n-node active/passive and active/active cluster configurations.
	2008 R2 SP1 or later		X	x64	Windows Server 2012		X				X	X	Support requires Avamar Client 6.1SP1 or later
	2008 R2 SP2 or later		X	x64	Windows Server 2012 R2		X					X	Support requires Avamar Client 7.0SP1 or later
	2012, 2012 SP1	X	X	x86/x64	Windows Server 2008 SP2 or later	X	X				X	X	Includes support for AlwaysOn Availability Groups
			X	x64	Windows Server 2008 R2 SP1 or later		X				X	X	Includes support for AlwaysOn Availability Groups
			X	x64	Windows Server 2012		X				X	X	Support requires Avamar Client 6.1SP1 or later
			X	x64	Windows Server 2012 R2		X					X	Support requires Avamar Client 7.0SP1 or later
Sybase ASE		X	X	x86/x64	RHEL 4, 5, 6	X	X				X	X	Supported on

Application Plug-In	App version	App bitness		H/W platform	Operating system	OS bit		Avamar versions With ADS					Notes
		32	64			32	64	V5.0	V5.0SP2 or later	V6.0	V6.1	V7.0	
	15.0.x, 15.5, 15.7, 16.0	X	X	x86/x64	SLES 9, 10, 11	X	X				X	X	all combinations of Sybase ASE and OSs listed in this Sybase ASE section, provided that the OS is supported by both Sybase ASE and the Avamar client on the Sybase ASE host
			X	IBM System p	AIX 6.1, 7.1		X					X	
			X	HP Integrity (IA-64)	HP-UX 11iv3		X					X	
		X	X	SPARC	Solaris 9, 10, 11	X	X				X	X	Supported on raw devices
			X	x64	Solaris 10, 11		X					X	NOTE: support for Sybase ASE 15.7 requires Sybase ASE Plug-in 6.1 SP1 or higher
		X	X	x86/x64	Windows Server 2003, 2003 R2, 2008, 2008 R2	X	X				X	X	
		X	X	x86/x64	Windows Server 2012		X					X	
Sybase ASE with VCS	Supported for all combinations of OSs and Sybase ASE, provided that: • The OS is supported by the Sybase ASE plug-in • The cluster is supported by Sybase ASE and the Avamar client on the Sybase ASE host										X	X	
Sybase ASE with Sun Cluster											X	X	

SEE NOTES ON FOLLOWING PAGES

NOTES:

1. SharePoint VSS and SharePoint VSS with MSCS plug-in does not support SQL AlwaysOn Availiability Groups
2. The following Avamar application plug-ins can be used with DDBoost for backup and restore

Avamar plug-in	Avamar client version		
	6.0	6.1	7.0
DB2 Plugin		X	X
Lotus Plug-in			X
Exchange VSS Plug-in	X	X	X
Hyper-V VSS Plug-in		X	X
Oracle Plug-in	X	X	X
SAP with Oracle Plug-in		X	X
SharePoint VSS Plug-in	X	X	X
SQL Plug-in	X	X	X
Sybase Plug-in		X	X

3. Environments with Avamar clients running v6.0.x application plug-ins used in conjunction with DDBoost for backup and restore with a Data Domain target system are supported by DDBoost v2.3.x on the following client OS and platforms.

DD Boost Version	DD OS Version	Client OS	Platform
2.3.1.0	4.9.x (4.9.2 or later), 5.0.x (5.0.2.3 or later), 5.1.x	Solaris 10	SPARC
		RHEL 4, 5	x86_64
		SLES 10, 11	x86_64
		Windows 2003 (64 bit)	x86_64
		Windows 2008 (64 bit)	x86_64
		Windows 2008 R2 (64 bit)	x86_64
		AIX 6.1	POWER
		HP-UX 11.23, 11.31	IA64

4. Environments with Avamar clients running v6.1.x application plug-ins used in conjunction with DDBoost for backup and restore with a Data Domain target system are supported by DDBoost v2.4.x on the following client OS and platforms.

DD Boost Version	DD OS Version	Client OS	Platform
2.4.1.0	5.0.x (5.0.2.3 or later), 5.1.x, 5.2.x, 5.4.x	Solaris 10	SPARC
		RHEL 4, 5, 6	x86_64
		SLES 10, 11	x86_64
		Windows 2003 (64 bit)	x86_64
		Windows 2008 (64 bit)	x86_64
		Windows 2008 R2 (64 bit)	x86_64
		AIX 6.1, 7.1	POWER
		HP-UX 11.23, 11.31	IA64

5. Environments with Avamar clients running v7.0.x application plug-ins used in conjunction with DDBoost for backup and restore with a Data Domain target system are supported by DDBoost v2.6.x on the following client OS and platforms.

DD Boost Version	DD OS Version	Client OS	Platform
2.6.0.3	5.4.x (5.4.0.4 or later)	Solaris 10, 11	SPARC, x86_64[1]
		RHEL 5, 6	x86_64, x86[1]
		SLES 10, 11	x86_64, x86[1]
		Windows 8	x86_64
		Windows 2012	x86_64
		Windows 2003	x86_64
		Windows 2008	x86_64, x86[1, 2]
		Windows 2008 R2	x86_64
		AIX 6.1, 7.1	POWER
		HP-UX 11.31	IA64

[1] 32-bit DDBoost support on Linux and Windows, and 64-bit DDBoost support on Solaris x86_64 requires Avamar client 7.0 SP1 or higher.

[2] Excludes Exchange, SharePoint, SQL and Hyper-V which supported on 64-bit only.

EMC Avamar NAS device (NDMP) interoperability

Table 6 lists the Avamar NAS device (NDMP) interoperability support matrix.

Table 6: EMC Avamar NAS device (NDMP) interoperability

NAS type	Version	Vendor/ platform	Operating system	Avamar versions						Notes
				With ADS					With DD	
				V5.0	V5.0SP2 or later	V6.0	V6.1	V7.0	V7.0	
NDMP (EMC Isilon)	7.0.1.3	EMC	OneFS					X	X	Requires the 7.0 SP2 NDMP client
NDMP (EMC VNX)	7.0,	EMC	VNX FOE		X	X	X	X	X	
	7.1	EMC	VNX FOE				X	X	X	
	8.1	EMC	VNX FOE					X	X	
NDMP (EMC VNXe)	2.0.0	EMC	VNXe OE			X	X	X	X	
	2.2.0	EMC	VNXe OE				X	X	X	
	2.3.0	EMC	VNXe OE				X	X	X	
	2.4.0	EMC	VNXe OE					X	X	
NDMP (EMC Celerra®)	5.5	EMC	DART	X	X	X				
	5.6	EMC	DART	X	X	X	X			Avamar v5.0.x is compatible with DART 5.6.47.x and later and will properly backup and restore volumes by using F-RDE phase II.
	6.0	EMC	DART		X	X	X	X	X	
NDMP (NetApp)	6.5, 7.0.4, 7.0.5, 7.0.6	NetApp	Data ONTAP							
	7.1.x	NetApp	Data ONTAP	X	X	X	X	X	X	
	7.2.x	NetApp	Data ONTAP	X	X	X	X	X	X	
	7.3.x	NetApp	Data ONTAP		X	X	X	X	X	Note 1
	8.0.x	NetApp	Data ONTAP		X	X	X	X	X	
	8.1.x	NetApp	Data ONTAP				X	X	X	File level backup not supported.

Notes:

1. NetApp Ontap 7.3.7 must be patched to 7.3.7D2
2. NetApp support 7-mode only (not C-mode) configuration
3. DDBoost for backup and restore with a Data Domain target system must be used on a host platform supported by DDBoost v2.6.x. See the Data Domain Boost Compatibility List for details.

EMC Avamar Push Client Upgrade compatibility

Table 7 lists the Avamar Push Client Upgrade compatibility support matrix.

Table 7: EMC Avamar Push Client upgrade compatibility

Operating system	Bitness		Avamar versions					Plugins
	x86	x64	V5.0	V5.0SP2 or later	V6.0	V6.1	V7.0	
Debian	X	X					X	Debian Client
CentOS 5.x 6.x	X	X			X	X	X	CentOS Client
CentOS 4.x	X	X			X	X		
Mac OS X		X					X	Mac Client
NDMP (Celerra/VNX/VNXe and NetApp)		X					X	NDMP Client
Oracle Linux 5, 6	X	X			X	X	X	Oracle Linux Client, Oracle
Red Hat Enterprise Linux 4, 5, 6	X	X			X	X	X	Red Hat Enterprise Linux Client, DB2, Lotus Domino, Oracle, SAP (Avamar 7.0 and up), Sybase ASE (Avamar 7.0 and up)
Red Hat Enterprise Linux 3	X	X			X			Red Hat Enterprise Linux Client, Oracle
Red Hat Linux 9.0	X				X			Red Hat Linux Client
Solaris SPARC	X	X					X	Solaris Client, DB2, Lotus Domino, Oracle, SAP, Sybase ASE
Solaris x86/x64	X	X					X	Solaris Client, DB2, Oracle, SAP, Sybase ASE
SUSE Linux Enterprise Server 10, 11	X	X			X	X	X	SUSE Linux Enterprise Server Client, DB2, Oracle, Lotus Domino, SAP (Avamar 7.0 and up), Sybase ASE (Avamar 7.0 and up)
SUSE Linux Enterprise Server 9	X	X			X	X	X	SUSE Linux Enterprise Server Client, Oracle. , SAP (Avamar 7.0 and up), Sybase ASE (Avamar 7.0 and up)
SUSE Linux Enterprise Server 8.2	X	X			X			SUSE Linux Enterprise Server Client, Oracle

Operating system	Bitness		Avamar versions					Plugins
	x86	x64	V5.0	V5.0SP2 or later	V6.0	V6.1	V7.0	
Ubuntu	X	X					X	Ubuntu Client
Windows Server 2012		X				X	X	Windows Client 64-bit, DB2, Oracle, Lotus Domino, SQL Server, SharePoint (VSS), Sybase ASE (Avamar 7.0 and up)
Windows Server 2008 R2		X			X	X	X	Windows Client 64-bit, DB2, SQL Server, Exchange (Legacy Module) 64-bit, Oracle, Exchange (VSS), SharePoint (VSS), Lotus Domino, SAP (Avamar 7.0 and up), Sybase ASE (Avamar 7.0 and up)
Windows Server 2008	X	X			X	X	X	Windows Client 64-bit, SQL Server, Exchange (VSS), SharePoint (VSS), Oracle, DB2, Lotus Domino
Windows Server 2003 SP1 or later	X	X			X	X	X	Windows Client, SQL Server, Exchange (VSS), Oracle, Lotus Domino, SAP (Avamar 7.0 and up), Sybase ASE (Avamar 7.0 and up)
Windows 8	X	X				X	X	Windows Client
Windows 7	X	X			X	X	X	Windows Client
Windows Vista	X	X			X	X	X	Windows Client
Windows XP	X	X			X	X	X	Windows Client

Notes
1. Exchange VSS and SharePoint VSS Plug-ins are supported, but the Granular Level Recovery (GLR) option is not supported for Push Client upgrades

EMC Avamar Desktop/Laptop platform compatibility

Table 8 lists the Avamar Desktop/Laptop platform compatibility support matrix.

Table 8: EMC Avamar Desktop/Laptop platform and browser compatibility

Operating system	Operating system version	Hardware platform	OS bit		Supported browser(s)	Avamar versions					Notes
			32	64		V5.0	V5.0SP2 or	V6.0	V6.1	V7.0	
Windows	Windows 8.1	x86/x64	X	X	Internet Explorer 10, 11 Firefox 15.x+ Chrome 19+					X	Support requires Avamar Client 7.0SP1 or later
	Windows 8	x86/x64	X	X	Internet Explorer 10 Firefox 15.x+ Chrome 19+				X	X	Support requires Avamar Client 6.1SP1 or later Windows 8 Basic, Pro & Enterprise Editions supported
	Windows 7, SP1	x86/x64	X	X	Internet Explorer 8.x.x, 9.x.x, 10 Firefox 7.x+ Chrome 19+		X	X	X	X	Windows 7 Professional, Ultimate, and Enterprise Editions supported
	Vista SP 1 and later	x86/x64	X	X	Internet Explorer 7.x.x, 8.x.x, 9.x.x Firefox 7.x+ Chrome 19+	X	X	X	X	X	The recommended minimum hardware configuration for Windows clients is 1GHz processor and 1GB RAM.
	XP Professional SP 2 and later	x86/x64	X	X	Internet Explorer 7.x.x, 8.x.x Firefox 7.x+	X	X	X	X	X	The recommended minimum hardware configuration for Windows clients is 1 GHz processor and 1 GB RAM.
	Server 2003	x86/x64	X	X	Internet Explorer 7.x.x, 8.x.x Firefox 7.x+				X	X	
	Server 2008	x86/x64	X	X	Internet Explorer 6.x.x, 7.x.x, 8.x.x Firefox 7.x-11.x				X	X	
	Server 2012	x86/x64	X	X	Internet Explorer 10				X	X	Support requires Avamar client 6.1SP1 or later

Operating system	Operating system version	Hardware platform	OS bit		Supported browser(s)	Avamar versions					Notes
			32	64		V5.0	V5.0SP2 or	V6.0	V6.1	V7.0	
	Server 2012 R2	x64		X	Internet Explorer 10, 11					X	Support requires Avamar client 7.0SP1 or later
Mac OS X	10.4.11 through 10.5	PowerPC/ Intel	X	X	Safari 3.0 Safari 4.0	X	X	X	*		*Support for OS X 10.5 was present in Avamar v6.1 prior to SP1.
	10.6	Intel		X	Safari 3.0, 4.0, 5.x		X	X	X	X	
	10.7	Intel		X	Safari 5.x			X	X	X	
	10.8	Intel		X	Safari 6.x				X	X	Support requires Avamar Client 6.1SP1 or later.
	10.9	Intel		X	Safari 7.x					X	Support requires Avamar Client 7.0SP1 or later.
CentOS	6.x	x64		X	Firefox 17.x+					X	Support requires Avamar Client 7.0SP1 or later
Debian	7.x	x64		X	Firefox 17.x+					X	Support requires Avamar Client 7.0SP1 or later
Red Hat Enterprise Linux (RHEL)	5.4-5.8	x64		X	Firefox 7.x+ Chrome 19+				X	X	
	6	x64		X	Firefox 7.x+ Chrome 19			X	X	X	
SUSE Linux Enterprise Server	11	x64		X	Firefox 7.x+ Chrome 19+			X	X	X	
Ubuntu	11.x	x64		X	Firefox 7.x+ Chrome 19+			X	X	X	
	12.04 LTS, 12.10, 13.04 and 13.10	X64		X	Firefox 7.x+ Chrome 19+					X	Support requires Avamar Client 7.0SP1 or later

Note: Desktop / Laptop support is for file systems only and does not include application integration.

EMC Avamar Portable Device Web Restore

Table 9 lists the platforms that have can use web restore functionality for DTLT backups

Table 9: EMC Avamar Portable Device Web Restore

Avamar Version	OS	Version	Browser	Restrictions/Limitations
7.0	iOS	5.1 6.1	Safari	Download of a single file causes the file to open in the web browser window with an altered file name. To prevent this, install an app to handle the type of file and choose the option to open the file in that app.
	Android	2.3.1 (Gingerbread) 3.2.1 (Honeycomb) 4.0.3 (Ice cream sandwich) 4.1 (Jelly Bean)	Opera Firefox	The Chrome web browser, the default web browser on many Android devices, cannot be used to download files from Avamar Web Restore. Instead install and use either the Opera web browser or the Firefox web browser to download files from Avamar Web Restore.
	Windows	Windows RT Windows 8	Internet Explorer	Use Avamar Web Restore on Windows devices in the same way as on Windows desktop computers.

EMC Avamar Data Domain compatibility

Table 10 lists the Avamar Data Domain compatibility support matrix.

Table 10: EMC Avamar Data Domain compatibility

DDOS software version	Avamar versions			Notes
	V6.0	V6.1	V7.0	Host platform support **MUST** also be verified with the DDBoost Compatibility List.
DDOS 4.9.2	X			
DDOS 5.0.x (must be 5.0.2.3 or greater)	X	X		
DDOS 5.1.x	X	X		
DDOS 5.2.x		X		
DDOS 5.4.x		X	X	5.4.0.4 or greater required for Avamar v7.0
DDOS 5.5.0.x			X	Requires Avamar v7.0 SP2 or later

<u>Notes</u>

1. Details for compatibility of Avamar client and application plug-ins used in conjunction with DDBoost for backup and restore with a Data Domain target system can be found in previous sections of this document and also in the Data Domain Boost Compatibility List

BACKUP				
	Avamar 7.0 clients			
	to Avamar DataStore		to Data Domain	
	single stream	multi stream	single stream	multi stream
File System Clients	Y	N	Y	N
DB2 Plug-in	Y	Y	Y	Y
Lotus Plug-in	Y	Y	Y	Y
Oracle Plug-in	Y	Y	Y	Y
SAP with Oracle Plug-in	Y	Y	Y	Y
Sybase ASE Plug-in	Y	Y	Y	Y
Exchange VSS	Y	Y	Y	Y
SharePoint VSS	Y	Y	Y	Y
SQL Plug-in	Y	Y	Y	Y
Hyper-V Plug-in	Y	Y	Y	Y
NDMP	Y	Y	Y	Y

RESTORE				
	Avamar 7.0 clients			
	from Avamar DataStore		from Data Domain	
	single stream	multi stream	single stream	multi stream
File System Clients	Y	N	Y	N
DB2 Plug-in	Y	Y	Y	Y
Lotus Plug-in	Y	N	Y	N
Oracle Plug-in	Y	Y	Y	Y
SAP with Oracle Plug-in	Y	Y	Y	Y
Sybase ASE Plug-in	Y	Y	Y	Y
Exchange VSS	Y	Y	Y	N
SharePoint VSS	Y	Y	Y	N
SQL Plug-in	Y	Y	Y	Y
Hyper-V Plug-in	Y	N	Y	N
NDMP	Y	Y	Y	Y

Notes

1.   Support for Windows System State, Windows Scale Out File Servers over CSV and Windows Active/Passive Cluster over SMB-3 to Data Domain are supported on using Avamar Client v7.0SP1 and later.

BACKUP								
	Avamar 6.0 clients				Avamar 6.1 clients			
	to Avamar DataStore		to Data Domain		to Avamar DataStore		to Data Domain	
	single stream	multi stream	single stream	multi stream	single stream	multi stream	single stream	multi stream
File System Clients	Y	N	N	N	Y	N	N	N
DB2 Plug-in	Y	N	N	N	Y	N	Y	N
Lotus Plug-in	Y	N	N	N	Y	N	N	N
Oracle Plug-in	Y	Y	Y	Y	Y	Y	Y	Y
SAP with Oracle Plug-in	n/a	n/a	n/a	n/a	Y	Y	Y	Y
Sybase ASE Plug-in	n/a	n/a	n/a	n/a	Y	Y	Y	Y
Exchange VSS	Y	Y	Y	N	Y	Y	Y	Y
SharePoint VSS	Y	Y	Y	N	Y	Y	Y	Y
SQL Plug-in	Y	n	Y	N	Y	Y	Y	Y
Hyper-V Plug-in	n/a	n/a	n/a	n/a	Y	Y	Y	Y
NDMP	Y	Y	N	N	Y	Y	N	N

RESTORE								
	Avamar 6.0 clients				Avamar 6.1 clients			
	from Avamar DataStore		from Data Domain		from Avamar DataStore		from Data Domain	
	single stream	multi stream	single stream	multi stream	single stream	multi stream	single stream	multi stream
File System Clients	Y	N	N	N	Y	N	N	N
DB2 Plug-in	Y	N	N	N	Y	N	Y	N
Lotus Plug-in	Y	N	N	N	Y	N	N	N
Oracle Plug-in	Y	Y	Y	Y	Y	Y	Y	Y
SAP with Oracle Plug-in	n/a	n/a	n/a	n/a	Y	Y	Y	Y
Sybase ASE Plug-in	n/a	n/a	n/a	n/a	Y	Y	Y	Y
Exchange VSS	Y	N	Y	N	Y	N	Y	N
SharePoint VSS	Y	N	Y	N	Y	N	Y	N
SQL Plug-in	Y	N	Y	N	Y	Y	Y	Y
Hyper-V Plug-in	n/a	n/a	n/a	n/a	Y	N	Y	N
NDMP	Y	Y	N	N	Y	Y	N	N

Notes

1. Windows System State, Windows Scale Out File Servers over CSV and Windows Active/Passive Cluster over SMB-3 are not supported to Data Domain

EMC Avamar Data Store generation-server software interoperability

Table 11 lists the Avamar hardware generation-server software interoperability support matrix.

Table 11: EMC Avamar HW Generation-server software interoperability

Avamar hardware generation	5.0	6.0	6.1	6.1 SP1	7.0
GEN1	X				
GEN2	X	X	X	X	
GEN3	X	X	X	X	X
GEN4		X	X	X	X
GEN4S				X	X

EMC Avamar Replication interoperability

Table 12 lists the Avamar Replication interoperability support matrix.

Table 12: EMC Avamar Replication interoperability

Avamar Server version	5.0	6.0	6.1	7.0
5.0.X	X	X	X	
6.0.x	X	X	X	X
6.1.X	X	X	X	X
7.0.x		X	X	X

EMC Avamar IOMEGA compatibility

Table 13 lists the Avamar compatibility support matrix for IOMEGA

Table 13: EMC Avamar IOMEGA compatibility

IOMEGA Model	Avamar client versions					Notes
	V5.0	V5.0SP2 or	V6.0	V6.1	V7.0	
IOMEGA StorCenter px12-450r					X	Backups of databases and applications using this client are not supported
IOMEGA StorCenter px12-400r					X	Backups of databases and applications using this client are not supported
Iomega StorCenter px12-350r NAS			X	X		Backups of databases and applications using this client are not supported
Iomega StorCenter ix12-300r NAS		X	X	X		Backups of databases and applications using this client are not supported
IOMEGA StorCenter px6-300d			X	X	X	Backups of databases and applications using this client are not supported
IOMEGA StorCenter px4-300d			X	X	X	Backups of databases and applications using this client are not supported
IOMEGA StorCenter px4-300r			X	X	X	Backups of databases and applications using this client are not supported
IOMEGA StorCenter px2					X	Backups of databases and applications using this client are not supported

EMC Avamar Server operating system and platform compatibility

Table 14 lists the Avamar Server operating system and platform compatibility support matrix.

Table 14: EMC Avamar Server operating system and platform compatibility

Operating system	Operating system version	Platform	OS bit		Avamar Server	Min. Avamar version	Notes
			32	64			
Red Hat Enterprise Linux AS/ES	V4.0	AMD64/EMT64T		X	X	5.0	GEN 3 Hardware requires Update 8. Gen2 and 1 hardware require Update 6.
SUSE Linux Enterprise Server	11SP1	AMD64/EMT64T		X		6.0	GEN4 and GEN4S hardware only. Earlier generations should continue to run RHEL as the server operating system

Operating system	Operating system version	Platform	OS bit		Avamar Server	Min. Avamar version	Notes
			32	64			
SUSE Linux Enterprise Server	11SP1	AMD64/EMT64T		X		6.1	GEN4 and GEN4S hardware only. Earlier generations should continue to run RHEL as the server operating system
SUSE Linux Enterprise Server	11SP1	AMD64/EMT64T		X		7.0	GEN4 and GEN4S hardware only. Earlier generations should continue to run RHEL as the server operating system

EMC Avamar Browser Compatibility

Table 15 lists the Avamar supported web browsers for all web enabled features

Table 15: EMC Avamar Browser compatibility

Operating system	Operating system version	Hardware platform	OS Bit		Supported browser(s)	Avamar versions					Notes
			32	64		v5.0	v5.0 SP1	v6.0	v6.1	V7.0	
Windows	Windows 8 Basic, Pro & Enterprise Editions	x86/x64	X	X	Internet Explorer 10 Firefox 15.x+				X	X	Support requires Avamar Client 6.1SP1 or later
	Windows 7 Ultimate, Professional, & Enterprise Editions	x86/x64	X	X	Internet Explorer 9 Internet Explorer 8 Firefox 7.x+		X	X	X	X	
	Windows Vista Ultimate & Business Editions SP 1 and above	x86/x64	X	X	Internet Explorer 9 Internet Explorer 8 Internet Explorer 7 Firefox 7.x+	X	X	X	X	X	The recommended minimum hardware configuration for Windows clients is 1GHz processor and 1GB RAMf2429
	Windows XP Professional SP 2 and Above	x86/x64	X	X	Internet Explorer 8 Internet Explorer 7 Internet Explorer 6 Firefox 7.x+	X	X	X	X		The recommended minimum hardware configuration for Windows clients is 1 GHz processor and 1 GB RAM
Mac OS X	10.4.11 through 10.5	Intel	X	X	Safari 3.1 Safari 4.0	X	X	X	X		
	10.6	Intel		X	Safari 3.1, 4.0, 5.x		X	X	X		
	10.7	Intel		X	Safari 3.1, 4.0, 5.x			X	X		
	10.8	Intel		X	Safari 6.x				X		Requires v6.1 SP1 or higher.
	10.9	Intel		X	Safari 7.x					X	Requires v7.0 SP1 or higher.

EMC Avamar Virtual Edition for VMware platform compatibility

Table 16 lists the Avamar Virtual Edition (AVE) and platform compatibility support matrix.

Table 16: EMC AVE platform compatibility

AVE Version	AVE Platform Requirements	AVE License Capacity				Notes
		0.5 TB	**1 TB**	**2 TB**	**4 TB**	
All Versions	I/O Requirements	**Must pass benchmark test**				Benchmark tool and instructions provided in AVE download package must pass minimum requirements for: ■ Sequential Write performance ■ Sequential Read performance ■ Random Read Seek performance
AVE 7.0	Supported VMware Hosts	VMware ESX Server 4.1, 4.1i, 5.0i, 5.1i, 5.5i*				5.5i support requires AVE version 7.0 SP1 or later
	Dedicated Processors (min)	2 x 2GHz			4 x 2GHz	
	Dedicated Physical Memory	6GB	8GB	16GB	36GB	
	Disk Space	850GB	1600GB	3100GB	6100GB	
AVE 6.1	Supported VMware Hosts	VMware ESX Server 4.1, 4.1i, 5.0i &5.1i				
	Dedicated Processors	Min two x 2GHz				
	Dedicated Physical Memory	6GB	8GB	16GB		
	Disk Space	850GB	1600GB	3100GB		
AVE 6.0	Supported VMware Hosts	VMware ESX Server 4.0, 4.0i, 4.1, 4.1i & 5.0i				
	Dedicated Processors	Min two x 2GHz				
	Dedicated Physical Memory	3GB	4GB	16GB		
	Disk Space	815GB	1565GB	3065GB		
AVE 5.0.2 & AVE 5.0.3	Supported VMware Hosts	VMware ESX Server 3.5, 3.5i, 4.0, 4.0i, 4.1, 4.1i & 5.0i				
	Dedicated Processors	Min two x 3GHz				
	Dedicated Physical Memory	3GB	4GB	16GB		
	Disk Space	785GB	1560GB	3000GB		

<u>Notes:</u>
1. Client compatibility for AVE is the is the same as like versions of Avamar Server (see Table 1)
2. Configuration options:
   - The 0.5 TB and 1 TB AVE support a maximum of two independent AVE instances on a single ESX host.
   - The 2 TB & 4 TB AVE supports a maximum of one independent AVE instance on a single ESX host.
3. Supports VMware environments where VMotion is enabled
4. Stated physical memory requirements do not include physical memory required to accommodate other Guests, Hypervisor, and Console Services.
5. Physical disk space utilized by AVE; partitioned according to AVE specifications.
6. Minimum network connection: 1GbE

EMC Avamar Data Transport v1.0 Compatibility Matrix

Avamar Server Compatibility

Avamar Data Transport (ADT) interfaces with existing Avamar Servers as the source of content to export. ADT supports the following Avamar Server software versions (inclusive of Customer-owned equipment, Data Store, or AVE):

- Avamar Server v5.0.0 and v5.0 SP1-SP4
- Avamar Server v6.0, v6.0 SP1-SP2
- Avamar Server 6.1 and v6.1 SP1 (requires ADT 1.0 SP3 or later)
- Avamar Server 7.0 (requires ADT 1.0 SP3 or later)

Virtualization platform compatibility

ADT runs on a virtualized platform. ADT supports the following virtualized platforms:

- VMware ESX Server v3.5
- VMware ESX(i) Server v4.0
- VMware ESX(i) v4.1 (Requires ADT 1.0SP2 or later)

> Note: All Editions of VMware supported.

Tape Management System compatibility

Table 17 lists the ADT interfaces with existing Tape Management Systems to export data onto tape. ADT supports the following versions of EMC NetWorker® and NetBackup running on the listed operating systems only:

Table 17: Tape Management System compatibility

	Windows Server 2003	Windows Server 2008	Solaris 10	Linux
NetWorker 7.6 or higher	X	X	X	X
NetWorker 7.6 SP1 (Japanese)			X	
NetWorker 7.5 SP1 or higher	X	X	X	X
NetWorker 7.4 SP5 (Japanese)			X	
NetWorker 7.4 SP4	X	X	X	X
NetBackup 7.1		X	X	X
NetBackup 7.0		X		X
NetBackup 6.5.5	X	X	X	X
NetBackup 6.5.3	X	X	X	X
NetBackup 6.5.2A	X		X	X

Browser compatibility

ADT is fully configured and managed through a web interface. ADT supports the following web browsers:

- Internet Explorer 7, 8, 9 (Windows) and Google Chrome on Windows.

EMC Avamar Extended Retention

Avamar Server Compatibility
Avamar Extended Retention interfaces with existing Avamar Servers as the source of content to export. Avamar Extended Retention supports the following Avamar Server software versions (regardless of platform generation or AVE):

Table 18 lists the Avamar Extended Retention Software Support

Table 18: EMC Avamar Extended Retention Software Support

Media Access Node Version	External Avamar Grid			
	Avamar 6.1.0	Avamar 6.1.1	Avamar 7.0.0	Avamar 7.0.1
Avamar 6.1.0-1.0.0	Supported	Not Supported	Not Supported	Not Supported
Avamar 6.1.1-1.1.0	Note 2	Supported	Not Supported	Not Supported
Avamar 7.0.0-2.1.0	Not Supported	Not Supported	Supported	Not Supported
Avamar 7.0.1-2.5.0	Not Supported	Not Supported	Support with 7.0 AER Avamar Client	Supported

Notes:
1. if multiple Avamar servers are used with a single Media Access Node, all Avamar servers must be at the same and latest software version in order to take advantage of all Extended Retention functionality.
2. Leave the dpndtoclient at v6.1 and leave the existing grid service on all external grids. Note special upgrade process is required.

Avamar Server Hardware Platform Compatibility
Avamar Extended Retention supports installation on the following Avamar hardware platforms:

Table 19 lists the Avamar Extended Retention Hardware Platform Support

Table 19: EMC Avamar Extended Retention Hardware Platform Support

Hardware Platform	Avamar Extended Retention Version
Avamar GEN4 Media Access Node	V6.1.0-1.0.0, V6.1.1-1.1.0, V7.0.0-2.1.0, V7.0.1-2.5.0
Avamar GEN4S Media Access Node	V6.1.1-1.1.0, V7.0.0-2.1.0, V7.0.1-2.5.0

Table 20 lists the Avamar Gen4S Media Access Node Verified Supported 10GbE SPF+ Module

Table 20: EMC Avamar Gen4S Media Access Node 10GbE SPF+ Module Support

Name	Description	Product Code
Intel® Ethernet SFP+ SR Optics	Dual Rate 10GBASE-SR/1000BASE-SX	E10GSFPSR

Table 21 lists the Avamar GEN4S Media Access Node Verified Supported 10GbE Cables

Table 21: EMC Avamar GEN4S Media Access Node 10GbE Cable Support

Type	Make	Product Code	Length
Twinaxial	Intel	Ethernet SFP+ Twinaxial Cable Passive	5M
Twinaxial	Cisco	Cisco SFP-H10GB-CU5M 10GBase-CU SFP+ twinax Cable	5M
Fiber	Opticon	50/125 10 Duplex LC-LC fiber cable	10M
Fiber	Opticon	50/125 10 Duplex LC-LC fiber cable	25M

NOTE: The Avamar GEN4S Media Access Node with 10GbE does not include SFP+ GBICs or cabling. The GBICs and Cabling referenced above have been tested and are fully supported.

Browser compatibility

Avamar Extended Retention is fully configured and managed through a web interface. Avamar Extended Retention supports the following web browsers:

- Preferred: Firefox 3 - 10 (Windows, Linux), Chrome browser v38 - v39

- Compatible, but not preferred: Internet Explorer 7, 8 (Windows)

Table 22 lists the Avamar Extended Retention supported tape libraries

Table 22: EMC Avamar Extended Retention supported tape libraries

Device Information: Tape Libraries				
Media Type	**Vendor**	**Model**	**with these Drive(s), interfaces**	**Footnote reference**
4mm	Quantum / Certance	DAT72 Autochanger		
4mm	Quantum / Certance	CDL 240 Autoloader	DDS4	
4mm	HP	DAT24		
4mm	HP	DAT40		
4mm	HP	DAT72		
3400	IBM	TS3400	TS1120	6
3590	ADIC / Quantum	Scalar 10K	3590 B1A	
3590	IBM	3590 E11	3590	
3590	IBM	3590 B11	3590	
3590	IBM	3590 H	3590	
3592	ADIC / Quantum	Scalar 10K	3592 J1A	6
3592	ADIC / Quantum	Scalar 10K	3592 E05 (TS1120)	6
3592	IBM	3494 Tape Library	3592 J1A	6
3592	IBM	3494 Tape Library	3592 E05	6
3592	IBM	TS3400	3592 E05 (TS1120)	6
TS1120	IBM	TS3500	3592 E05 (TS1120)	6
TS1130	IBM	TS3500	3592 E06 (TS1130)	6
TS1140	IBM	TS3500	3592 E07 (TS1140)	6
3592	IBM	3584 UltraScalable Tape Library	3592	
9840	Oracle StorageTek	L180	9840A	
9840	Oracle StorageTek	L700	9840A	
9840	Oracle StorageTek	L1400	9840A	
9840	Oracle StorageTek	L180	9840B	
9840	Oracle StorageTek	L700	9840B	
9840	Oracle StorageTek	L1400	9840B	
9840	Oracle StorageTek	L180	9840C	2
9840	Oracle StorageTek	L700	9840C	2
9840	Oracle StorageTek	L1400	9840C	2
9840	Oracle StorageTek	SL3000	9840C	
9840	Oracle StorageTek	SL3000	9840D	
9840	Oracle StorageTek	SL8500	9840C	FC Reqd.
9940	Oracle StorageTek	L180	9940B	
9940	Oracle StorageTek	L700	9940B	
9940	Oracle StorageTek	L1400	9940B	

9940	Oracle StorageTek	SL8500	9940B	FC Reqd.
T10000	Oracle StorageTek	L180	T10000A, T10000A 4Gb	
T10000	Oracle StorageTek	L700	T10000A,T10000A 4Gb	
T10000	Oracle StorageTek	L1400	T10000A, T10000A 4Gb	
T10000	Oracle StorageTek	L180	T10000A Encryption	
T10000	Oracle StorageTek	L700	T10000A Encryption	
T10000	Oracle StorageTek	L1400	T10000A Encryption	
T10000	Oracle StorageTek	SL3000	T10000A	3
T10000	Oracle StorageTek	SL3000	T10000B	
T10000	Oracle StorageTek	SL3000	T10000C	
T10000	Oracle StorageTek	SL8500	T10000A,T10000A 4Gb,T10000A Encryption	
T10000	Oracle StorageTek	SL8500	T10000C	
DLT	Dell	PowerVault 124T	Certance Ultrium-2	
DLT	Overland Data	Neo Series 2000	HP LTO-1	
DLT	Overland Data	Neo Series 4000	HP LTO-1	
DLT	Qualstar	TLS-6000 Family		
DLT	Quantum	Superloader 3	VS160	
DLT	Quantum	Superloader 3	DLT-S4	
DLT	Tandberg	StorageLoader	DLT VS160 Quantum	
SDLT	ADIC	FastStor 2	SDLT320	
SDLT	ADIC	FastStor 2	SDLT600	
SDLT	ADIC	Scalar 100	SDLT320	
SDLT	ADIC	Scalar 1000	SDLT320	
SDLT	ADIC / Quantum	Scalar 10K	SDLT320	
SDLT	ADIC	Scalar 24	SDLT 320	
SDLT	ADIC	Scalar 24	Quantum SDLT600	
SDLT	ADIC	Scalar i2000	Quantum SDLT600	
SDLT	BDT	ThinStor Autoloader	SDLT320	
SDLT	BDT	ThinStor Autoloader	Quantum SDLT600	
SDLT	Cybernetics	CY-TLD-226	SDLT320	
SDLT	Cybernetics	CY-TLD-452	SDLT320	
SDLT	Cybernetics	CY-TLD-678	SDLT320	
SDLT	Cybernetics	CY-TLD-8104	SDLT320	
SDLT	Cybernetics	CY-TLD-10130	SDLT320	
SDLT	Cybernetics	CY-TLD-12156	SDLT320	

SDLT	Cybernetics	CY-TLD-14182	SDLT320	
SDLT	Cybernetics	CY-TLD-16208	SDLT320	
SDLT	Dell	PowerVault 122T	SDLT320	
SDLT	Dell	PowerVault 132T	SDLT320	
SDLT	Dell	PowerVault 136T	SDLT320	
SDLT	HP	1/8 Tape Autoloader	SDLT320	
SDLT	HP	ESL9595	SDLT320	
SDLT	HP	ESL9326	SDLT320	
SDLT	HP	ESL9322	SDLT220	
SDLT	HP	ESL9322	SDLT320	
SDLT	HP	ESL9198	SDLT220	
SDLT	HP	ESL9198	SDLT320	
SDLT	HP	ESL9595	HP SDLT600	
SDLT	HP	ESL9326	HP SDLT600	
SDLT	HP	ESL9322	HP SDLT600	
SDLT	HP	ESL9198	HP SDLT600	
SDLT	HP	ESL 712e	HP SDLT600	
SDLT	HP	ESL 322e	HP SDLT600	
SDLT	HP	ESL 630e	HP SDLT600	
SDLT	HP	ESL 286e	HP SDLT600	
SDLT	HP	MSL5026	SDLT320	
SDLT	HP	MSL5052	SDLT320	
SDLT	HP	MSL6060	HP SDLT600	
SDLT	HP	MSL6052	HP SDLT600	
SDLT	HP	MSL6030	HP SDLT600	
SDLT	HP	MSL6026	HP SDLT600	
SDLT	HP	SSL 1016 Tape Autoloader	SDLT320	
SDLT	IBM	4560 SLX	SDLT320	
SDLT	Overland Data	Neo Series 2000	SDLT320	
SDLT	Overland Data	Neo Series 4000	SDLT320	
SDLT	Qualstar	RLS-6000 Family	SDLT320	
SDLT	Qualstar	RLS-6000 Family	Quantum SDLT600	
SDLT	Qualstar	RLS-6000 Family	Quantum SDLT600	
SDLT	Qualstar	TLS-6000 Family	SDLT320	
SDLT	Qualstar	TLS-6000 Family	Quantum SDLT600	
SDLT	Quantum	M1500	SDLT220	
SDLT	Quantum	M1500	SDLT320	
SDLT	Quantum	M1800	SDLT320	
SDLT	Quantum	M2500	SDLT320	

SDLT	Quantum	P1000	SDLT320	
SDLT	Quantum	P2000	SDLT320	
SDLT	Quantum	P3000	SDLT320	
SDLT	Quantum	P4000	SDLT320	
SDLT	Quantum	P6000	SDLT320	
SDLT	Quantum	P7000	SDLT320	
SDLT	Quantum	P2000	Quantum SDLT600	
SDLT	Quantum	P3000	Quantum SDLT600	
SDLT	Quantum	P4000	Quantum SDLT600	
SDLT	Quantum	P6000	Quantum SDLT600	
SDLT	Quantum	P7000	Quantum SDLT600	
SDLT	Quantum	PX502	Quantum SDLT320	
SDLT	Quantum	PX502	Quantum SDLT600	
SDLT	Quantum	PX502	Quantum DLT-S4	
SDLT	Quantum	PX506	Quantum SDLT320	
SDLT	Quantum	PX506	Quantum SDLT600	
SDLT	Quantum	PX506	Quantum DLT-S4	
SDLT	Quantum	PX510	Quantum SDLT320	
SDLT	Quantum	PX510	Quantum SDLT600	
SDLT	Quantum	PX510	Quantum DLT-S4	
SDLT	Quantum	PX720	SDLT320	
SDLT	Quantum	PX720	Quantum SDLT600	
SDLT	Quantum	PX720	DLT-S4	
SDLT	Quantum	Superloader	SDLT320	
SDLT	Quantum	Superloader	Quantum SDLT600	
SDLT	Quantum	SuperLoader 3	DLT V-4	
SDLT	Quantum	Scalar 50	Quantum DLT-S4	
SDLT	Quantum	SuperLoader 3	Quantum DLT-S4	
SDLT	Quantum	Scalar i2000	Quantum DLT-S4	
SDLT	Quantum	SuperLoader 3	Quantum SDLT600	
SDLT	Quantum	ValueLoader	SDLT320	
SDLT	Qualstar	TLS-6210	Quantum SDLT320	
SDLT	Oracle StorageTek	L180	SDLT320	
SDLT	Oracle StorageTek	L700	SDLT320	
SDLT	Oracle StorageTek	L1400	SDLT320	
SDLT	Oracle StorageTek	L180	Quantum SDLT600	
SDLT	Oracle StorageTek	L700	Quantum SDLT600	
SDLT	Oracle StorageTek	L1400	Quantum SDLT600	
SDLT	Oracle StorageTek	SL500	SDLT320	

SDLT	Oracle StorageTek	SL500	SDLT600	
SDLT	Oracle StorageTek	L180	Quantum DLT-S4	
SDLT	Oracle StorageTek	L700	Quantum DLT-S4	
SDLT	Oracle StorageTek	L1400	Quantum DLT-S4	
SDLT	Oracle StorageTek	SL500	Quantum DLT-S4	
SDLT	Tandberg	Superloader	SDLT320	
LTO	ADIC	FastStor 1	Tandberg LTO-2	
LTO	ADIC	FastStor 2	HP LTO-1	
LTO	ADIC	FastStor 2	HP LTO-2	
LTO	ADIC	FastStor 2	HP LTO-3	
LTO	ADIC	FastStor 7	IBM LTO-1	
LTO	ADIC	Scalar 100	IBM LTO-1	
LTO	ADIC	Scalar 100	IBM LTO-2	
LTO	ADIC	Scalar 100	IBM LTO-3	
LTO	ADIC	Scalar 1000	IBM LTO-1	
LTO	ADIC	Scalar 1000	IBM LTO-2	
LTO	ADIC / Quantum	Scalar 10K	IBM LTO-1	
LTO	ADIC / Quantum	Scalar 10K	IBM LTO-2	
LTO	ADIC / Quantum	Scalar 10K	IBM LTO-3	
LTO	ADIC / Quantum	Scalar 10K	IBM LTO-3 4Gb	
LTO	ADIC / Quantum	Scalar 10K	IBM LTO-4 (FC)	3
LTO	ADIC / Quantum	Scalar 10K	IBM LTO-5 FH (FC)	3, 7
LTO	ADIC	Scalar 24	IBM LTO-1	
LTO	ADIC	Scalar 24	IBM LTO-2	
LTO	ADIC	Scalar 24	IBM LTO-3	
LTO	ADIC	Scalar 24	IBM LTO-4 (FC)	3
LTO	ADIC / Quantum	Scalar i2000	IBM LTO-1 (FC)	
LTO	ADIC / Quantum	Scalar i2000	HP LTO-3 (FC)	
LTO	ADIC / Quantum	Scalar i2000	IBM LTO-2 (FC)	
LTO	ADIC / Quantum	Scalar i2000	IBM LTO-3 (FC)	
LTO	ADIC / Quantum	Scalar i2000	IBM LTO-4 (FC)	3
LTO	ADIC / Quantum	Scalar i2000	HP LTO-4 (FC)	3, 7
LTO	ADIC / Quantum	Scalar i6000	HP LTO-3 (FC)	
LTO	ADIC / Quantum	Scalar i6000	IBM LTO-2 (FC)	
LTO	ADIC / Quantum	Scalar i6000	IBM LTO-3 (FC)	
LTO	ADIC / Quantum	Scalar i6000	IBM LTO-4 (FC)	3
LTO	ADIC / Quantum	Scalar i6000	HP LTO-4 (FC)	3, 7
LTO	ADIC / Quantum	Scalar i6000	IBM LTO-5 FH (FC)	3, 7
LTO	ADIC / Quantum	Scalar i6000	HP LTO-5 (FC)	3, 7

LTO	ADIC / Quantum	Scalar i6000	HP LTO-6 FH (FC)	3, 7
LTO	ADIC / Quantum	Scalar i6000	IBM LTO-6 FH (FC)	3, 7
LTO	ADIC / Quantum	Scalar i500	IBM LTO-2	
LTO	ADIC / Quantum	Scalar i500	IBM LTO-3	
LTO	ADIC / Quantum	Scalar i500	IBM LTO-4 (FC)	3
LTO	ADIC / Quantum	Scalar i500	HP LTO-4 (SCSI, FC)	3, 7, 10
LTO	ADIC / Quantum	Scalar i500	IBM LTO-5 FH (FC)	3, 7
LTO	ADIC / Quantum	Scalar i500	HP LTO-5 (SCSI, FC)	3, 7, 10
LTO	ADIC / Quantum	Scalar i500	IBM LTO-5 FH (FC)	3, 7
LTO	ADIC / Quantum	Scalar i500	HP LTO-6 FH (FC)	3, 7
LTO	ADIC / Quantum	Scalar i500	IBM LTO-6 FH (FC)	3, 7
LTO	BDT	ThinStor Autoloader	HP LTO-1	
LTO	BDT	ThinStor Autoloader	HP LTO-2	
LTO	BDT	ThinStor Autoloader	IBM LTO-2	
LTO	BDT	ThinStor Autoloader	IBM LTO-3	
LTO	BDT	FlexStor 2	HP LTO-2	
LTO	BDT	FlexStor 2	HP LTO-3	
LTO	BDT	FlexStor 2	HP LTO-4 HH	3, 7
LTO	BDT	FlexStor 2	HP LTO-4 (FC, SCSI)	3, 7, 10
LTO	BDT	FlexStor 2	HP LTO-5 (FC, SCSI)	3, 7, 10
LTO	BDT	FlexStor 2	IBM LTO-5 FH (FC)	3, 7
LTO	Breece Hill	10-PAK	HP LTO-1	
LTO	Breece Hill	10-PAK	IBM LTO-1	
LTO	Breece Hill	10-PAK	HP LTO-2	
LTO	Quantum/ Certance	AL 810 Autoloader	Certance LTO-1	
LTO	Quantum/ Certance	CLL 1600 Autoloader	Certance LTO-1	
LTO	Quantum/ Certance	CLL 3200 Autoloader	Certance LTO-2	
LTO	Quantum/ Certance	CLL 6400 Autoloader	Certance LTO-3	
LTO	Quantum/ Certance	SuperLoader 3	Certance LTO-3	
LTO	Quantum/ Certance	SuperLoader 3	HP LTO-4 (SCSI, FC)	3, 7, 10
LTO	Cybernetics	CY-TLL-110	IBM LTO-1	
LTO	Cybernetics	CY-TLL-220	IBM LTO-1	
LTO	Dell	PowerVault 122T	HP LTO-1	
LTO	Dell	PowerVault 122T	IBM LTO-2	
LTO	Dell	PowerVault 128T	HP LTO-1	
LTO	Dell	PowerVault 136T	HP LTO-1	
LTO	Dell	PowerVault 136T	HP LTO-2	
LTO	Dell	PowerVault 136T	IBM LTO-2	
LTO	Dell	PowerVault 136T	IBM LTO-3	

LTO	Dell	PowerVault 136T	IBM LTO-2	
LTO	Dell	PowerValut 160T	IBM LTO-1	
LTO	Dell	PowerValut 160T	IBM LTO-2	
LTO	Dell	PowerValut ML6000	IBM LTO-3	
LTO	Dell	PowerVault ML6000	IBM LTO-4 (SCSI, FC)	3, 7, 10
LTO	Dell	PowerVault ML6000	IBM LTO-5 (SCSI, FC)	3, 7, 10
LTO	Dell	PowerVault TL2000	IBM LTO-3	
LTO	Dell	PowerVault TL2000	IBM LTO-4 (FC)	3
LTO	Dell	PowerVault TL2000	IBM LTO-5 (FC)	3, 7
LTO	Dell	PowerVault TL4000	IBM LTO-3	
LTO	Dell	PowerVault TL4000	IBM LTO-4 (FC)	3
LTO	Dell	PowerVault TL4000	IBM LTO-5 (FC)	3, 7
LTO	Fujitsu	LT130	HP LTO-1	
LTO	Fujitsu	LT130	HP LTO-2	
LTO	Fujitsu	LT120	HP LTO-1	
LTO	Fujitsu	LT160 A20/A32	IBM LTO-1	
LTO	Fujitsu	LT160 A20/A32	IBM LTO-2	
LTO	Fujitsu	LT250	HP LTO-3	
LTO	Fujitsu	LT250	HP LTO-4 (SCSI, FC)	3, 7, 10
LTO	Fujitsu	LT250	IBM LTO-3	
LTO	Fujitsu	LT250	IBM LTO-4 (FC)	3
LTO	Fujitsu	LT250	IBM LTO-5 (FC)	3, 7
LTO	Fujitsu	LT270	HP LTO-3	
LTO	Fujitsu	LT270	IBM LTO-2	
LTO	Fujitsu	LT270	IBM LTO-3	
LTO	Fujitsu	LT270	IBM LTO-4 (FC)	3
LTO	Fujitsu	LT270	IBM LTO-5 (FC)	3, 7
LTO	Fujitsu	FibreCAT	HP LTO-2	
LTO	Fujitsu	FibreCAT TX08	HP LTO-2HH	
LTO	Fujitsu	FibreCAT TX08	HP LTO-3HH	
LTO	Fujitsu	FibreCAT TX08	HP LTO-4 HH (FC, SCSI)	3, 7, 10
LTO	Fujitsu	FibreCAT TX24	HP LTO-2HH	
LTO	Fujitsu	FibreCAT TX24	HP LTO-3HH	
LTO	Fujitsu	FibreCAT TX24	IBM LTO-3	
LTO	Fujitsu	FibreCAT TX24	IBM LTO-4 (FC, SCSI)	3, 10
LTO	Fujitsu	FibreCAT TX24 S2	HP LTO-3HH	
LTO	Fujitsu	FibreCAT TX24 S2	HP LTO-4 HH (FC, SCSI)	3, 7, 10
LTO	Fujitsu	FibreCAT TX48	HP LTO-2HH	
LTO	Fujitsu	FibreCAT TX48	HP LTO-3HH	

LTO	Fujitsu	FibreCAT TX48	IBM LTO-3	
LTO	Fujitsu	FibreCAT TX48	IBM LTO-4 (FC, SCSI)	3, 10
LTO	Fujitsu	FibreCAT TX48 S2	HP LTO-3HH	
LTO	Fujitsu	FibreCAT TX48 S2	HP LTO-4 HH (FC, SCSI)	7, 10
LTO	Fujitsu	ETERNUS LT20 / LT20 S2	HP LTO-2HH	
LTO	Fujitsu	ETERNUS LT20 / LT20 S2	HP LTO-3HH	
LTO	Fujitsu	ETERNUS LT20 / LT20 S2	HP LTO-4 HH (FC)	3, 7
LTO	Fujitsu	ETERNUS LT20 / LT20 S2	HP LTO-5 HH (FC)	3, 7
LTO	Fujitsu	ETERNUS LT40 / LT40 S2	HP LTO-4 (FC, SCSI)	3, 7, 10
LTO	Fujitsu	ETERNUS LT40 / LT40 S2	HP LTO-5 HH (FC)	3, 7
LTO	Fujitsu	ETERNUS LT40 / LT40 S2	HP LTO-5 FH (FC)	3, 7
LTO	Fujitsu	ETERNUS LT60 / LT60 S2	HP LTO-3HH (SCSI)	10
LTO	Fujitsu	ETERNUS LT60 / LT60 S2	HP LTO-4 (FC, SCSI)	3, 7, 10
LTO	Fujitsu	ETERNUS LT60 / LT60 S2	HP LTO-5 HH (FC)	3, 7
LTO	Fujitsu	ETERNUS LT60 / LT60 S2	HP LTO-5 FH (FC)	3, 7
LTO	Fujitsu	Scalar 100	IBM LTO-2	
LTO	GRAU	ITL-E ITL-64i	IBM LTO-1	
LTO	GRAU	ITL-M ITL-250i	IBM LTO-1	
LTO	GRAU	ITL-M ITL-340i)	IBM LTO-1	
LTO	HP	1/8 G2 Tape Autoloader	HP LTO-1	
LTO	HP	1/8 G2 Tape Autoloader	HP LTO-2	
LTO	HP	1/8 G2 Tape Autoloader	HP LTO-3	
LTO	HP	1/8 G2 Tape Autoloader	HP LTO-4 HH (SCSI)	3, 7, 10
LTO	HP	1/8 G2 Tape Autoloader	HP LTO-6 HH (FC)	3, 7
LTO	HP	1/8 Tape Autoloader	HP LTO-1	
LTO	HP	1/8 Tape Autoloader	HP LTO-2	
LTO	HP	1/8 Tape Autoloader	HP LTO-3	
LTO	HP	E 20/700	HP LTO-1	
LTO	HP	EML E-series 103e	HP LTO-2	
LTO	HP	EML E-series 103e	HP LTO-3	
LTO	HP	EML E-series 103e	HP LTO-4 (SCSI, FC)	3, 7, 10
LTO	HP	EML E-series 103e	HP LTO-5 FH (FC)	3, 7
LTO	HP	EML E-series 245e	HP LTO-2	
LTO	HP	EML E-series 245e	HP LTO-3	
LTO	HP	EML E-series 245e	HP LTO-4 (SCSI, FC)	3, 7, 10
LTO	HP	EML E-series 245e	HP LTO-5 FH (FC)	3, 7
LTO	HP	EML E-series 348e	HP LTO-2	
LTO	HP	EML E-series 348e	HP LTO-3	
LTO	HP	EML E-series 348e	HP LTO-4 (SCSI, FC)	3, 7, 10

LTO	HP	EML E-series 348e	HP LTO-5 FH (FC)	3, 7
LTO	HP	EML E-series 375e	HP LTO-2	
LTO	HP	EML E-series 375e	HP LTO-3	
LTO	HP	EML E-series 375e	HP LTO-4 (SCSI, FC)	3, 7, 10
LTO	HP	EML E-series 375e	HP LTO-5 FH (FC)	3, 7
LTO	HP	EML E-series 442e	HP LTO-2	
LTO	HP	EML E-series 442e	HP LTO-3	
LTO	HP	EML E-series 442e	HP LTO-4 (SCSI, FC)	3, 7, 10
LTO	HP	EML E-series 442e	HP LTO-5 FH (SCSI, FC)	3, 7, 10
LTO	HP	EML E-series 469e	HP LTO-2	
LTO	HP	EML E-series 469e	HP LTO-3	
LTO	HP	EML E-series 469e	HP LTO-4 (SCSI, FC)	3, 7, 10
LTO	HP	EML E-series 469e	HP LTO-5 FH (FC)	3, 7
LTO	HP	EML E-series 505e	HP LTO-2	
LTO	HP	EML E-series 505e	HP LTO-3	
LTO	HP	EML E-series 505e	HP LTO-4 (SCSI, FC)	3, 7, 10
LTO	HP	EML E-series 505e	HP LTO-5 FH (FC)	3, 7
LTO	HP	EML E-series 71e	HP LTO-2	
LTO	HP	EML E-series 71e	HP LTO-3	
LTO	HP	EML E-series 71e	HP LTO-4 (SCSI, FC)	3, 7, 10
LTO	HP	EML E-series 71e	HP LTO-5 FH (FC)	3, 7
LTO	HP	ESL 9000 Series 9595	HP LTO-1	
LTO	HP	ESL 9000 Series 9595	HP LTO-2	
LTO	HP	ESL 9000 Series 9326	HP LTO-1	
LTO	HP	ESL 9000 Series 9326	HP LTO-2	
LTO	HP	ESL 9000 Series 9322	HP LTO-1	
LTO	HP	ESL 9000 Series 9322	HP LTO-2	
LTO	HP	ESL 9000 Series 9198	HP LTO-1	
LTO	HP	ESL 9000 Series 9198	HP LTO-2	
LTO	HP	ESL E-Series 712e	HP LTO-2	
LTO	HP	ESL E-Series 712e	HP LTO-5 FH (FC)	3, 7
LTO	HP	ESL E-Series 322e	HP LTO-2	
LTO	HP	ESL E-Series 322e	HP LTO-5 FH (FC)	3, 7
LTO	HP	ESL E-Series 630e	HP LTO-2	
LTO	HP	ESL E-Series 286e	HP LTO-2	
LTO	HP	ESL E-Series 712e	HP LTO-3	
LTO	HP	ESL E-Series 712e	HP LTO-4 (SCSI, FC)	3, 7, 10
LTO	HP	ESL E-Series 322e	HP LTO-3	
LTO	HP	ESL E-Series 322e	HP LTO-4 (SCSI, FC)	3, 7, 10

LTO	HP	ESL E-Series 630e	HP LTO-3	
LTO	HP	ESL E-Series 630e	HP LTO-4 (SCSI, FC)	3, 7, 10
LTO	HP	ESL E-Series 286e	HP LTO-3	
LTO	HP	ESL E-Series 286e	HP LTO-4 (SCSI, FC)	3, 7, 10
LTO	HP	ESL G3	HP LTO-5 FH (FC)	3, 7
LTO	HP	ESL G3	HP LTO-6 FH (FC)	3, 7
LTO	HP	MSL Gen 3 - MSL2024	HP LTO-2	
LTO	HP	MSL Gen 3 - MSL2024	HP LTO-3	
LTO	HP	MSL Gen 3 - MSL2024	HP LTO-4 (SCSI, FC)	3, 7, 10
LTO	HP	MSL Gen 3 - MSL2024	HP LTO-4 HH (SCSI)	3, 7, 10
LTO	HP	MSL Gen 3 - MSL2024	HP LTO-5 HH (FC)	3, 7
LTO	HP	MSL Gen 3 - MSL2024	HP LTO-5 FH (FC)	3, 7
LTO	HP	MSL Gen 3 - MSL2024	HP LTO-6 HH (FC)	3, 7
LTO	HP	MSL Gen 3 - MSL4048	HP LTO-2	
LTO	HP	MSL Gen 3 - MSL4048	HP LTO-3	
LTO	HP	MSL Gen 3 - MSL4048	HP LTO-4 (SCSI, FC)	3, 7, 10
LTO	HP	MSL Gen 3 - MSL4048	HP LTO-4 HH (SCSI)	3, 7, 10
LTO	HP	MSL Gen 3 - MSL4048	HP LTO-5 HH (FC)	3, 7
LTO	HP	MSL Gen 3 - MSL4048	HP LTO-5 FH (FC)	3, 7
LTO	HP	MSL Gen 3 - MSL4048	HP LTO-6 HH (FC)	3, 7
LTO	HP	MSL Gen 3 – MSL8048/8096	HP LTO-3	
LTO	HP	MSL Gen 3 – MSL8048/8096	HP LTO-4 (SCSI, FC)	3, 7, 10
LTO	HP	MSL Gen 3 – MSL8048/8096	HP LTO-5 HH (FC)	3, 7
LTO	HP	MSL Gen 3 – MSL8048/8096	HP LTO-5 FH (FC)	3, 7
LTO	HP	MSL Gen 3 – MSL8048/8096	HP LTO-6 HH (FC)	3, 7
LTO	HP	MSL 5000 Series MSL5026	HP LTO-1	
LTO	HP	MSL 5000 Series MSL5026	HP LTO-2	
LTO	HP	MSL 5000 Series MSL5052	HP LTO-1	
LTO	HP	MSL 5000 Series MSL5052	HP LTO-2	
LTO	HP	MSL 5000 Series MSL5026	HP LTO-3	
LTO	HP	MSL 5000 Series MSL5052	HP LTO-3	
LTO	HP	MSL6000 Series MSL6060	HP LTO-2	
LTO	HP	MSL6000 Series MSL6060	HP LTO-3	
LTO	HP	MSL6000 Series MSL6060	HP LTO-4 (SCSI, FC)	3, 7, 10
LTO	HP	MSL6000 Series MSL6052	HP LTO-2	
LTO	HP	MSL6000 Series MSL6052	HP LTO-3	
LTO	HP	MSL6000 Series MSL6052	HP LTO-4 (SCSI, FC)	3, 7, 10
LTO	HP	MSL6000 Series MSL6030	HP LTO- 2	

LTO	HP	MSL6000 Series MSL6030	HP LTO-3	
LTO	HP	MSL6000 Series MSL6030	HP LTO-4 (SCSI, FC)	3, 7, 10
LTO	HP	MSL6000 Series MSL6026	HP LTO-2	
LTO	HP	MSL6000 Series MSL6026	HP LTO-3	
LTO	HP	MSL6000 Series MSL6026	HP LTO-4 (SCSI, FC)	3, 7, 10
LTO	HP	SSL 1016 Tape Autoloader	HP LTO-2	
LTO	IBM	3581 Autoloader	IBM LTO-1	
LTO	IBM	3581 Autoloader	IBM LTO-2	
LTO	IBM	3581 Autoloader	IBM LTO-3	
LTO	IBM	3582 LTO Ultrium Tape Library	IBM LTO-2	
LTO	IBM	3582 LTO Ultrium Tape Library	IBM LTO-3	
LTO	IBM	3583	IBM LTO-1	
LTO	IBM	3583	IBM LTO-2	
LTO	IBM	3583	IBM LTO-3	
LTO	IBM	TS3500 (3584)	IBM LTO-1	9
LTO	IBM	TS3500 (3584)	IBM LTO-2	9
LTO	IBM	TS3500 (3584)	IBM LTO-3	9
LTO	IBM	TS3500 (3584)	IBM LTO-4 (FC)	3
LTO	IBM	TS3500 (3584)	IBM LTO-5 FH (FC)	3, 7
LTO	IBM	TS3500 (3584)	IBM LTO-6 FH (FC)	3, 7
LTO	IBM	4560 SLX	HP LTO-1	
LTO	IBM	4560 SLX	IBM LTO-1	
LTO	IBM	4560 SLX	IBM LTO-2	
LTO	IBM	TS3100 (3573)	IBM LTO-3	
LTO	IBM	TS3100 (3573)	IBM LTO-4 (FC)	3
LTO	IBM	TS3100 (35732U)	IBM LTO-3 HH SCSI	6, 10
LTO	IBM	TS3100 (35732U)	IBM LTO-5 FH (FC)	3, 7
LTO	IBM	TS3100 (35732U)	IBM LTO-5 HH (FC)	3, 7
LTO	IBM	TS3100 (35732U)	IBM LTO-6 FH (FC)	3, 7
LTO	IBM	TS3100 (35732U)	IBM LTO-6 HH (FC)	3, 7
LTO	IBM	TS3200 (3573)	IBM LTO-3	
LTO	IBM	TS3200 (3573)	IBM LTO-4 (FC)	3
LTO	IBM	TS3200 (35734U)	IBM LTO-3 HH SCSI	6, 10
LTO	IBM	TS3200 (35734U)	IBM LTO-5 FH (FC)	3, 7
LTO	IBM	TS3200 (35734U)	IBM LTO-5 HH (FC)	3, 7
LTO	IBM	TS3200 (35734U)	IBM LTO-6 FH (FC)	3, 7
LTO	IBM	TS3200 (35734U)	IBM LTO-6 HH (FC)	3, 7
LTO	IBM	TS3310 (3576)	IBM LTO-3	

LTO	IBM	TS3310 (3576)	IBM LTO-4 (FC)	3
LTO	IBM	TS3310 (3576)	IBM LTO-5 FH (FC)	3, 7
LTO	IBM	TS3310 (3576)	IBM LTO-6 FH (FC)	3, 7
LTO	NEC	Compact Autoloader LL0101H	IBM LTO-1	
LTO	NEC	Compact Autoloader LL0101H	IBM LTO-2	
LTO	NEC	Compact Autoloader LL0101H	IBM LTO-3 (SCSI)	10
LTO	NEC	Compact Autoloader LL0101H	IBM LTO-3 HH (SCSI)	10
LTO	NEC	Q16	HP LTO-3 (SCSI)	10
LTO	NEC	Q40	HP LTO-3 (SCSI)	10
LTO	NEC	T16A	IBM LTO-2 (SCSI)	10
LTO	NEC	T16A	IBM LTO-3 (SCSI)	10
LTO	NEC	T16A	HP LTO-3 (SCSI)	10
LTO	NEC	T16A2	HP LTO-3 (SCSI)	10
LTO	NEC	T16A2	IBM LTO-3 HH (SCSI)	10
LTO	NEC	T16A2	IBM LTO-4 (SCSI)	3, 10
LTO	NEC	T30A	IBM LTO-6 HH (FC)	3, 7
LTO	NEC	T40A	HP LTO-2 (SCSI)	10
LTO	NEC	T40A	HP LTO-3 (SCSI)	10
LTO	NEC	T40A	IBM LTO-2 (SCSI)	10
LTO	NEC	T40A	IBM LTO-3 (SCSI)	10
LTO	NEC	T40A2	HP LTO-3 (FC, SCSI)	10
LTO	NEC	T40A2	IBM LTO-3 (FC, SCSI)	10
LTO	NEC	T40A2	IBM LTO-4 (FC)	3
LTO	NEC	T40A2	IBM LTO-5 FH (FC, SCSI)	3, 7, 10
LTO	NEC	T60A	IBM LTO-6 HH (FC)	3, 7
LTO	NEC	T100A	HP LTO-3 (FC, SCSI)	10
LTO	NEC	T100A	IBM LTO-4 (FC)	
LTO	NEC	T700A	HP LTO-3 (FC)	
LTO	NEC	T700A	IBM LTO-4 (FC)	
LTO	Overland Data	LoaderXpress	Certance LTO-1	
LTO	Overland Data	LoaderXpress	HP LTO-1	
LTO	Overland Data	LoaderXpress	HP LTO-2	
LTO	Overland Data	NEO Series 2000	Certance LTO-1	
LTO	Overland Data	NEO Series 4000	Certance LTO-1	

LTO	Overland Data	NEO Series 2000	HP LTO-2	
LTO	Overland Data	NEO Series 2000	HP LTO-3	
LTO	Overland Data	NEO Series 2000	HP LTO-4 (SCSI, FC)	3, 7, 10
LTO	Overland Data	NEO Series 4000	HP LTO-2	
LTO	Overland Data	NEO Series 4000	HP LTO-3	
LTO	Overland Data	NEO Series 4000	HP LTO-4 (SCSI, FC)	3, 7, 10
LTO	Overland Data	NEO Series 8000	HP LTO-2	
LTO	Overland Data	NEO Series 8000	HP LTO-3	
LTO	Overland Data	NEO Series 8000	HP LTO-4 (SCSI, FC)	3, 7, 10
LTO	Overland Data	PowerLoader	HP LTO-1	
LTO	Overland Data	PowerLoader	HP LTO-2	
LTO	Overland Data	ARCvault 12	HP LTO-2	
LTO	Overland Data	ARCvault 12	HP LTO-4 (SCSI, FC)	3, 7, 10
LTO	Overland Data	ARCvault 12	HP LTO-3	
LTO	Overland Data	ARCvault 24	HP LTO-2	
LTO	Overland Data	ARCvault 24	HP LTO-3	
LTO	Overland Data	ARCvault 24	HP LTO-4 (SCSI, FC)	3, 7, 10
LTO	Overland Data	ARCvault 48	HP LTO-3	
LTO	Overland Data	ARCvault 48	HP LTO-4 (SCSI, FC)	3, 7, 10
LTO	Qualstar	RLS-8000 Family	IBM LTO-1	
LTO	Qualstar	RLS-8000 Family	IBM LTO-2	
LTO	Qualstar	RLS-8000 Family	IBM LTO-3	
LTO	Qualstar	RLS-8000 Family	IBM LTO-4 (FC)	3
LTO	Qualstar	RLS-8000 Family	IBM LTO-5 HH (FC)	3, 7
LTO	Qualstar	TLS-8000 Family	HP LTO-1	
LTO	Qualstar	TLS-8000 Family	HP LTO-2	
LTO	Qualstar	TLS-8000 Family	IBM LTO-1	
LTO	Qualstar	TLS-8000 Family	IBM LTO-2	
LTO	Qualstar	TLS-8000 Family	IBM LTO-3	
LTO	Qualstar	TLS-8000 Family	IBM LTO-4 (FC, SCSI)	3, 10
LTO	Qualstar	TLS-8000 Family	IBM LTO-5 HH (FC)	3, 7
LTO	Qualstar	XLS-8000 Family	IBM LTO-3	
LTO	Qualstar	XLS-8000 Family	IBM LTO-4 (FC)	3
LTO	Qualstar	XLS-8000 Family	IBM LTO-5 FH (FC)	3, 7
LTO	Quantum	M1500	HP LTO-1	
LTO	Quantum	M1500	HP LTO-2	
LTO	Quantum	M1800	HP LTO-1	
LTO	Quantum	M1800	HP LTO-2	
LTO	Quantum	M2500	HP LTO-1	

LTO	Quantum	M2500	HP LTO-2	
LTO	Quantum	M1500	HP LTO-3	
LTO	Quantum	M1800	HP LTO-3	
LTO	Quantum	M2500	HP LTO-3	
LTO	Quantum	P2000	IBM LTO-1	
LTO	Quantum	P3000	IBM LTO-1	
LTO	Quantum	P4000	IBM LTO-1	
LTO	Quantum	P6000	IBM LTO-1	
LTO	Quantum	P7000	IBM LTO-1	
LTO	Quantum	P2000	HP LTO-2	
LTO	Quantum	P2000	IBM LTO-2	
	Quantum	P2000	HP LTO-3	
LTO	Quantum	P3000	HP LTO-2	
LTO	Quantum	P3000	IBM LTO-2	
	Quantum	P3000	HP LTO-3	
LTO	Quantum	P4000	HP LTO-2	
LTO	Quantum	P4000	IBM LTO-2	
	Quantum	P4000	HP LTO-3	
LTO	Quantum	P6000	HP LTO-2	
LTO	Quantum	P6000	IBM LTO-2	
	Quantum	P6000	HP LTO-3	
LTO	Quantum	P7000	HP LTO-2	
LTO	Quantum	P7000	IBM LTO-2	
	Quantum	P7000	HP LTO-3	
LTO	Quantum	PX502	HP LTO-2	
LTO	Quantum	PX502	HP LTO-3	
LTO	Quantum	PX506	HP LTO-2	
LTO	Quantum	PX506	HP LTO-3	
LTO	Quantum	PX510	HP LTO-2	
LTO	Quantum	PX510	HP LTO-3	
LTO	Quantum	PX720	HP LTO-2	
LTO	Quantum	PX720	HP LTO-3	
LTO	Quantum	PX720	HP LTO-4 (SCSI, FC)	3, 7, 10
LTO	Quantum	Scalar 50	HP LTO-3 (SCSI, FC)	10
LTO	Quantum	Scalar 50	HP LTO-4 (SCSI, FC)	3, 7, 10
LTO	Quantum	Scalar 50	Quantum LTO-3HH (SCSI, FC)	10
LTO	Quantum	Scalar 50	Quantum LTO-3HH (SAS)	10

LTO	Quantum	Scalar i40	HP LTO-4 (FC)	
LTO	Quantum	Scalar i40	HP LTO-4 HH (FC)	
LTO	Quantum	Scalar i40	HP LTO-4 HH (SAS)	10
LTO	Quantum	Scalar i40	HP LTO-5 HH (SAS)	3, 7, 10
LTO	Quantum	Scalar i40	HP LTO-5 HH (FC)	3, 7
LTO	Quantum	Scalar i80	HP LTO-4 (FC)	
LTO	Quantum	Scalar i80	HP LTO-4 HH (FC)	
LTO	Quantum	Scalar i80	HP LTO-4 HH (SAS)	10
LTO	Quantum	Scalar i80	HP LTO-5 HH (SAS)	3, 7, 10
LTO	Quantum	Scalar i80	HP LTO-5 HH (FC)	3, 7
LTO	Quantum	Superloader	HP LTO-1	
LTO	Quantum	Superloader	HP LTO-2	
LTO	Quantum	SuperLoader 3	Certance LTO-2	
LTO	Quantum	SuperLoader 3	Certance LTO-3	
LTO	Quantum	SuperLoader 3	HP LTO-3	
LTO	Quantum	SuperLoader 3	HP LTO-4 (SCSI)	3, 7, 10
LTO	Quantum	ValueLoader	HP LTO-1	
LTO	Quantum	ValueLoader	HP LTO-2	
LTO	SpectraLogic	Spectra T24	HP LTO-2	
LTO	SpectraLogic	Spectra T24	HP LTO-3	
LTO	SpectraLogic	T50	IBM LTO-2	
LTO	SpectraLogic	T50	IBM LTO-3	
LTO	SpectraLogic	T50	IBM LTO-4 (FC)	3
LTO	SpectraLogic	T50e	IBM LTO-5 HH (FC)	3, 7
LTO	SpectraLogic	T120	IBM LTO-2	
LTO	SpectraLogic	T120	IBM LTO-3	
LTO	SpectraLogic	T120	IBM LTO-4 (FC)	3
LTO	SpectraLogic	T120	IBM LTO-5 HH (FC)	3, 7
LTO	SpectraLogic	T120	IBM LTO-6 (FC)	3, 7
LTO	SpectraLogic	T200	IBM LTO-2	
LTO	SpectraLogic	T200	IBM LTO-3	
LTO	SpectraLogic	T200	IBM LTO-4	
LTO	SpectraLogic	T200	IBM LTO-5 FH (FC)	3, 7
LTO	SpectraLogic	T380	IBM LTO-2	
LTO	SpectraLogic	T380	IBM LTO-3	
LTO	SpectraLogic	T380	IBM LTO-4	3
LTO	SpectraLogic	T380	IBM LTO-5 FH (FC)	3, 7
LTO	SpectraLogic	T380	IBM LTO-6 FH (FC)	3, 7
LTO	SpectraLogic	T680	IBM LTO-2	

LTO	SpectraLogic	T680	IBM LTO-3	
LTO	SpectraLogic	T680	IBM LTO-4	
LTO	SpectraLogic	T680	IBM LTO-5 FH (FC)	3, 7
LTO	SpectraLogic	T950	IBM LTO-2	
LTO	SpectraLogic	T950	IBM LTO-3	
LTO	SpectraLogic	T950	Spectra Sabre RXT	
LTO	SpectraLogic	T950	IBM LTO-4	3
LTO	SpectraLogic	T950	IBM LTO-5 FH (FC)	3, 7
LTO	SpectraLogic	T-Finity	IBM LTO-5 FH (FC)	3, 7
LTO	SpectraLogic	T50e	IBM LTO-2	
LTO	SpectraLogic	T50e	IBM LTO-3	
LTO	SpectraLogic	T50e	IBM LTO-4 (FC)	3
LTO	SpectraLogic	T50e	IBM LTO-6 HH (FC)	3, 7
LTO	Sony	Petasite CSM-60	IBM LTO-3 (FC)	
LTO	Sony	Petasite CSM-60	IBM LTO-4 (FC)	
LTO	Sony	Petasite CSM-100	IBM LTO-3 (FC)	
LTO	Sony	Petasite CSM-100	IBM LTO-4 (FC)	
LTO	Sony	Petasite CSM-200	IBM LTO-3 (FC)	
LTO	Sony	Petasite CSM-200	IBM LTO-4 (FC)	
LTO	Oracle StorageTek	L180	Certance LTO-1	
LTO	Oracle StorageTek	L700	Certance LTO-1	
LTO	Oracle StorageTek	L1400	Certance LTO-1	
LTO	Oracle StorageTek	L180	HP LTO-1	
LTO	Oracle StorageTek	L180	HP LTO-2	
LTO	Oracle StorageTek	L180	HP LTO-3	
LTO	Oracle StorageTek	L180	HP LTO-3 4Gb	
LTO	Oracle StorageTek	L180	HP LTO-4	3, 7
LTO	Oracle StorageTek	L180	IBM LTO-1	
LTO	Oracle StorageTek	L180	IBM LTO-2	
LTO	Oracle StorageTek	L180	IBM LTO-3 IBM LTO-3 4Gb	
LTO	Oracle StorageTek	L180	IBM LTO-4	3
LTO	Oracle StorageTek	L700	HP LTO-1	
LTO	Oracle StorageTek	L700	HP LTO-2	
LTO	Oracle StorageTek	L700	HP LTO-3 HP LTO-3 4Gb	
LTO	Oracle StorageTek	L700	HP LTO-4	3, 7
LTO	Oracle StorageTek	L700	IBM LTO-1	
LTO	Oracle StorageTek	L700	IBM LTO-2	

LTO	Oracle StorageTek	L700	IBM LTO-3 IBM LTO-3 4Gb	
LTO	Oracle StorageTek	L700	IBM LTO-4	3
LTO	Oracle StorageTek	L1400	HP LTO-1	
LTO	Oracle StorageTek	L1400	HP LTO-2	
LTO	Oracle StorageTek	L1400	HP LTO-3, HP LTO-3 4Gb	
LTO	Oracle StorageTek	L1400	HP LTO-4	3, 7
LTO	Oracle StorageTek	L1400	IBM LTO-1	
LTO	Oracle StorageTek	L1400	IBM LTO-2	
LTO	Oracle StorageTek	L1400	IBM LTO-3, IBM LTO-3 4Gb	
LTO	Oracle StorageTek	L1400	IBM LTO-4	3
LTO	Oracle StorageTek	L20	Certance LTO-1	
LTO	Oracle StorageTek	L40	Certance LTO-1	
LTO	Oracle StorageTek	L80	Certance LTO-1	
LTO	Oracle StorageTek	L20	Certance LTO-2	
LTO	Oracle StorageTek	L20	Certance LTO-3	
LTO	Oracle StorageTek	L40	Certance LTO-2	
LTO	Oracle StorageTek	L40	Certance LTO-3	
LTO	Oracle StorageTek	L80	Certance LTO-2	
LTO	Oracle StorageTek	L80	Certance LTO-3	
LTO	Oracle StorageTek	L20	HP LTO-2	
LTO	Oracle StorageTek	L20	IBM LTO-2	
LTO	Oracle StorageTek	L40	HP LTO-2	
LTO	Oracle StorageTek	L40	IBM LTO-2	
LTO	Oracle StorageTek	L80	HP LTO-2	
LTO	Oracle StorageTek	L80	IBM LTO-2	
LTO	Oracle StorageTek	L20	HP LTO-2	
LTO	Oracle StorageTek	L20	HP LTO-3	
LTO	Oracle StorageTek	L20	IBM LTO-2	
LTO	Oracle StorageTek	L20	IBM LTO-3	
LTO	Oracle StorageTek	L40	HP LTO-2	
LTO	Oracle StorageTek	L40	HP LTO-3	
LTO	Oracle StorageTek	L40	IBM LTO-2	
LTO	Oracle StorageTek	L40	IBM LTO-3	
LTO	Oracle StorageTek	L80	HP LTO-2	
LTO	Oracle StorageTek	L80	HP LTO-3	
LTO	Oracle StorageTek	L80	IBM LTO-2	
LTO	Oracle StorageTek	L80	IBM LTO-3	
LTO	Oracle StorageTek	SL24	HP LTO-2	

LTO	Oracle StorageTek	SL24	HP LTO-3	
LTO	Oracle StorageTek	SL24	HP LTO-3HH	
LTO	Oracle StorageTek	SL24	HP LTO-4 (SCSI, FC)	3, 7, 10
LTO	Oracle StorageTek	SL24	HP LTO-4 HH (SCSI, FC)	3, 7, 10
LTO	Oracle StorageTek	SL24	HP LTO-5 HH (FC)	3, 7
LTO	Oracle StorageTek	SL24	HP LTO-5 FH (FC)	3, 7
LTO	Oracle StorageTek	SL48	HP LTO-2	
LTO	Oracle StorageTek	SL48	HP LTO-3	
LTO	Oracle StorageTek	SL48	HP LTO-3HH	
LTO	Oracle StorageTek	SL48	HP LTO-4 HH (SCSI, FC)	3, 7, 10
LTO	Oracle StorageTek	SL48	HP LTO-5 HH (FC)	3, 7
LTO	Oracle StorageTek	SL48	HP LTO-5 FH (FC)	3, 7
LTO	Oracle StorageTek	SL150	HP LTO-5 HH (FC)	3, 7
LTO	Oracle StorageTek	SL500	HP LTO-2	
LTO	Oracle StorageTek	SL500	HP LTO-3, HP LTO-3 4Gb	
LTO	Oracle StorageTek	SL500	HP LTO-4	3, 7
LTO	Oracle StorageTek	SL500	IBM LTO-2	
LTO	Oracle StorageTek	SL500	IBM LTO-3, IBM LTO-3 4Gb	
LTO	Oracle StorageTek	SL500	IBM LTO-4	3, 7
LTO	Oracle StorageTek	SL500	HP LTO-4	3, 7
LTO	Oracle StorageTek	SL500	HP LTO-5 FH (FC)	3, 7
LTO	Oracle StorageTek	SL500	IBM LTO-5 FH (FC)	3, 7
LTO	Oracle StorageTek	SL3000	HP LTO-3 (SCSI, FC)	10
LTO	Oracle StorageTek	SL3000	HP LTO-4 FH (SCSI, FC)	3, 7, 10
LTO	Oracle StorageTek	SL3000	HP LTO-5 FH (FC)	3, 7
LTO	Oracle StorageTek	SL3000	IBM LTO-5 FH (FC)	3, 7
LTO	Oracle StorageTek	SL3000	IBM LTO-3	3
LTO	Oracle StorageTek	SL3000	IBM LTO-4	3
LTO	Oracle StorageTek	SL8500	IBM LTO-4 (FC)	
LTO	Oracle StorageTek	SL8500	HP LTO-5 FH(FC)	
LTO	Oracle StorageTek	SL8500	IBM LTO-5 FH (FC)	
LTO	Tandberg / Exabyte	Magnum 1x7 2U	IBM LTO-2	
LTO	Tandberg / Exabyte	Magnum 1x7 2U	HP LTO-3	
LTO	Tandberg / Exabyte	Magnum 1x7 2U	IBM LTO-3	
LTO	Tandberg / Exabyte	Magnum 1x7 2U	IBM LTO-4 (FC)	3
LTO	Tandberg / Exabyte	Magnum 224	HP LTO-2HH	
LTO	Tandberg / Exabyte	Magnum 224	HP LTO-3HH	

LTO	Tandberg / Exabyte	Magnum 224	IBM LTO-3	
LTO	Tandberg / Exabyte	Magnum 224	IBM LTO-4 (FC)	3
LTO	Tandberg / Exabyte	Magnum 224	IBM LTO-4 (SAS)	3, 10
LTO	Tandberg / Exabyte	Magnum 448	HP LTO-2HH	
LTO	Tandberg / Exabyte	Magnum 448	HP LTO-3HH	
LTO	Tandberg / Exabyte	Magnum 448	IBM LTO-3	
LTO	Tandberg / Exabyte	Magnum 448	IBM LTO-4 (FC)	3
LTO	Tandberg	StorageLoader 2U LTO (see Tandberg/Exabyte Magnum 224 IBM LTO-2)	HP LTO-2HH	
LTO	Tandberg	StorageLoader 2U LTO (see Tandberg/Exabyte Magnum 224 IBM LTO-3)	HP LTO-3HH	
LTO	Tandberg	StorageLoader 2U LTO (see Tandberg/Exabyte Magnum 224 IBM LTO-3)	IBM LTO-3	
LTO	Tandberg	StorageLoader 2U LTO (see Tandberg/Exabyte Magnum 224 IBM LTO-3)	IBM LTO-4 (FC)	3
LTO	Tandberg	StorageLoader LTO	LTO-2	
LTO	Tandberg	StorageLoader LTO	HP LTO-3	
LTO	Tandberg	StorageLibrary T40+	IBM LTO-3	
LTO	Tandberg	StorageLibrary T40+	IBM LTO-4 (SCSI, FC)	3, 10
LTO	Tandberg	StorageLibrary T40+	IBM LTO-4 HH (SCSI)	10
LTO	Tandberg	StorageLibrary T40+	HP LTO-4 HH (FC)	
LTO	Tandberg	StorageLibrary T80+	IBM LTO-3	
LTO	Tandberg	StorageLibrary T80+	IBM LTO-4 (FC)	3
LTO	Tandberg	StorageLibrary T80+	IBM LTO-4 HH (SCSI)	10
LTO	Tandberg	StorageLibrary T80+	HP LTO-4 HH (FC)	
LTO	Tandberg	StorageLibrary T120+	IBM LTO-3	
LTO	Tandberg	StorageLibrary T120+	IBM LTO-4 (FC)	3
LTO	Tandberg	StorageLibrary T120+	IBM LTO-4 HH (SCSI)	10
LTO	Tandberg	StorageLibrary T120+	HP LTO-4 HH (FC)	
LTO	Tandberg	StorageLibrary T160+	IBM LTO-3	
LTO	Tandberg	StorageLibrary T160+	IBM LTO-4 (FC)	3
LTO	Tandberg	StorageLibrary T160+	IBM LTO-4 HH (SCSI)	10
LTO	Tandberg	StorageLibrary T160+	HP LTO-4 HH (FC)	
LTO	Tandberg	StorageLibrary T200+	IBM LTO-3	
LTO	Tandberg	StorageLibrary T200+	IBM LTO-4 (FC)	3
LTO	Tandberg	StorageLibrary T200+	IBM LTO-4 HH (SCSI)	10
LTO	Tandberg	StorageLibrary T200+	HP LTO-4 HH (FC)	

LTO	Tandberg	T24 (see Tandberg/Exabyte Magnum 224 IBM LTO-3)	HP LTO-2HH	
LTO	Tandberg	T24 (see Tandberg/Exabyte Magnum 224 IBM LTO-3)	HP LTO-3HH	
LTO	Tandberg	T24 (see Tandberg/Exabyte Magnum 224 IBM LTO-3)	IBM LTO-3	
LTO	Tandberg	T24 (see Tandberg/Exabyte Magnum 224 IBM LTO-3)	IBM LTO-4 (FC)	3
LTO	Tandberg	T48 (see Tandberg/Exabyte Magnum 448 HP LTO-2)	HP LTO-2HH	
LTO	Tandberg	T48 (see Tandberg/Exabyte Magnum 448 IBM LTO-3)	HP LTO-3HH	
LTO	Tandberg	T48 (see Tandberg/Exabyte Magnum 448 IBM LTO-3)	IBM LTO-3	
LTO	Tandberg	T48 (see Tandberg/Exabyte Magnum 448 IBM LTO-3)	IBM LTO-4 (FC)	3

Table 23 lists the Avamar Extended Retention supported virtual tape libraries

Table 23: EMC Avamar Extended Retention supported virtual tape libraries

Device Information: Virtual Tape Libraries			
Vendor	**Device Type**	**Model**	**Footnote reference**
ADIC	Lib	Pathlight VX	
ADIC	Lib	PathLight VX/650 (IBM Ultrium -TD2)	
EMC (Data Domain)	Lib	DD4XX, DD5XX, DD6XX, DD8XX	
EMC (Data Domain)	Lib	Data Domain Systems with DD Extended Retention software (DD OS 5.2 and later)	
IBM	Lib	VTF Open V1.4	
IBM	Lib	ProtecTIER VTL	
FalconStor	Lib	FalconStor VTL	
Fujitsu	Lib	ETERNUS VT600	4
Fujitsu	Lib	ETERNUS CS 800 VTL	

Fujitsu	Lib	ETERNUS CS High End	4
Fujitsu Siemens	Lib	CentricStor	4
Hitachi	Lib	VF-100 series (with Alacritus Securitus 1.1.6)	
HP	Lib	D2D 100 Series	1
HP	Lib	D2D 4112 Series (iSCSI)	10
HP	Lib	D2D 4112 Series (FC)	
HP	Lib	D2D 4312 Series (FC and iSCSI)	8, 10
HP	Lib	D2D 4324 Series (FC and iSCSI)	8, 10
HP	Lib	D2D 4000 Series (iSCSI)	1, 10
HP	Lib	D2D 4000 Series (FC)	
HP	Lib	VLS300 EVA Gateway	
HP	Lib	VLS1000i Series	
HP	Lib	VLS 12x00 EVA Gateway	
HP	Lib	VLS 6105 (VSL6000 Series)	
HP	Lib	VLS 6109 (VSL6000 Series)	
HP	Lib	VLS 6510 (VSL6000 Series)	
HP	Lib	VLS 6518 (VSL6000 Series)	
HP	Lib	VLS 6653 (VSL6000 Series)	
HP	Lib	VLS 6840 (VSL6000 Series)	
HP	Lib	VLS 6870 (VSL6000 Series)	
HP	Lib	VLS 9x00 series	
IBM	Lib	TS7510	
IBM	Lib	TS7520	
IBM	Lib	TS7530	
IBM	Lib	TS7650G	
IBM	Lib	TS7650AP1	
IBM	Lib	TS7610	
NEC	Lib	T5100VT	
NEC	Lib	T5200VT	

NEC	Lib	T5250VT	
NetApp	Lib	NetApp VTL 600	
NetApp	Lib	NetApp VTL 1200	
NetApp	Lib	NetApp VTL 300	
NetApp	Lib	NetApp VTL 700	
NetApp	Lib	NetApp VTL 1400	
Overland Data	Drive/Lib	REO 1000	
Overland Data	Drive/Lib	REO 1500	
Overland Data	Drive/Lib	REO 4000	
Overland Data	Drive/Lib	REO 4500	
Overland Data	Drive/Lib	REO 4500c	
Overland Data	Drive/Lib	REO 9000	
Overland Data	Drive/Lib	REO 9100	
Overland Data	Drive/Lib	REO 9000D (Quantum DLT 7000)	
Overland Data	Drive/Lib	REO 9100c	
Overland Data	Drive/Lib	REO 9500d	
Quantum	Lib	DX-30, DX-100	
Quantum	Lib	DX 3000	
Quantum	Lib	DX 3500	
Quantum	Lib	DXi3500	
Quantum	Lib	DXi5500	
Quantum	Lib	Dxi 6700	
Quantum	Lib	Dxi 6701	
Quantum	Lib	Dxi 6702	
Quantum	Lib	Dxi 7500	
Quantum	Lib	Dxi 8500	
Quantum	Lib	Dxi 8500 2TB	
Sepaton	Lib	S2100/ES2 Series 1910/2910	
Oracle StorageTek	Lib	Oracle StorageTek VTL Plus 1.0 & 2.0	5

Oracle StorageTek	Lib	Oracle StorageTek VTL Prime	5
Tandberg	Lib	M2500 VTL iSCSI w/ HP LTO-2	10
Aidoss	Lib	FibreCat TX24 S2	
Aidoss	Lib	FibreCat TX48 S2	

EMC Avamar Extended Retention Table Footnotes

1 HP D2D VTL devices were qualified with a QLogic 4000 series hardware initiator.
2 To avoid potential problems with interchanging tapes between 9840A, 9840B, and 9840C drives in a mixed shop, all 9840A drives must have 1.33.109 code or higher installed, and all 9840B drives must have 1.33.309 code or higher installed, prior to installation of any 9840C drives.
3 LTO-4/5/6 tape drives with out-of-band Key Management do not require integration with extended retention.
4 Drive emulations: LTO-2, LTO-4, 9840B, 9840D, 3590, and Mammoth-2. Up to 1.500.000 virtual volumes. Virtual volume size from 1GB to 200 GB. Silo emulations: DAS V3.1, ACSLS. Silo interfaces not supported on W2k3 x64 and W2k8 x64. The maximum tape block size supported by the virtual drives is 256k, check device resource attribute "device block size". The device resource attribute "volume default capacity" should be set according to the virtual volume size. Jukebox resource attributes "load sleep", "eject sleep", and "unload sleep" should be set to 1.
5 Use license bundle 457-100-038 when library type option is 'Sun 3.15'. Use license bundle 457-100-013 for all other library type options   (i.e. L180, SL500, L700, etc.)
6 For IBM tape drives on Linux, native "st" driver was used for qualification testing. IBM Tape Driver on Linux is NOT supported and under certain conditions may cause tapes to be overwritten.
7 The use of LTO-4/5/6 hardware-based encryption is supported by extended retention when controlled by management utilities that are provided with the LTO-4/5 hardware, or by third-party key management software.   EMC does not test or certify these key management utilities; however, extended retention can read from and write to LTO-4/5 devices that use hardware-based encryption and the use of this encryption is transparent to extended retention. Neither the encryption nor the key management processes are managed by the extended retention. This includes the ability to turn encryption off/on within extended retention and the management of encryption keys.
8 Support NAS (CIFS & NFS) backup target.
9 For an IBM TS3500 (3584) multiframe jukebox with LTO drives installed, the tape drives have to be in a contiguous sequence.
10 SCSI or SAS drives and iSCSI interfaces require a FC bridge – sold separately. No bridges have specifically been qualified.

EMC Avamar Hardware Interoperability

Table 24: EMC Avamar Hardware Interoperability Support

A Grid of this GEN	Can be expanded with				
	GEN1	GEN2	GEN3	GEN4	GEN4S
GEN1			X		
GEN2			X	2	
GEN3				2	
GEN4				X	X[1]
GEN4S					X

- All nodes in an Avamar Data Store must be the same size capacity, run the same OS, and the same version of Avamar Server software.
- New Installs can use a mix of Gen4/Gen4S nodes, subject to the restrictions above and if running Avamar version v6.1 SP1 (or later)
1. A Gen4S node can be used to expand a Gen4 grid subject to the restrictions above and if running Avamar version v6.1 SP1 (or later). A Gen4S Accelerator node may be deployed with a Gen4 grid.
2. A Gen4 Accelerator node may be deployed with a Gen2 or Gen3 grid

EMC Avamar is designed to work with only certain highly integrated server and storage systems. The only such systems that are supported with the Avamar server software are:

- The EMC Avamar Data Store product line, which is an integrated server and storage platform; and

- The EMC Data Domain product line, which is a storage extension to the Avamar Data Store.

Please note that Avamar operates as a source-based deduplication solution whether using the Avamar Data Store alone, or in conjunction with Data Domain.

No other server and storage systems, EMC or third-party, are supported with Avamar.

EMC Backup & Recovery Manager Compatibility Matrix

EMC Backup & Recovery Manager is a cross product solution that supports Avamar, NetWorker and Data Domain.

Avamar Server Compatibility

Backup & Recovery Manager interfaces with existing Avamar servers as the source of content for monitoring and reporting. Backup & Recovery Manager supports the following Avamar Server software versions:

Table 25: EMC Avamar Server and Backup and Recovery Manager Compatibility

BRM	Avamar Server				
	v6.0 SP2	v6.1	v7.0	v7.1	V7.1 SP1
v1.1	X	X	X	X	
v1.2	X	X	X	X	
v1.2.1	X	X	X	X	X

Virtualization platform compatibility

The Backup & Recovery Manager server runs on a virtualized platform. The following virtualized platforms are supported:

- VMware ESX v4.0 or later
- VMware ESXi v4.0 or later

> Note: All Editions of VMware are supported.

NetWorker compatibility (For Avamar customers who also use NetWorker to view all compatibility in one location)

Backup & Recovery Manager interfaces with existing NetWorker servers as the source of content for monitoring and reporting. Backup & Recovery Manager supports the following NetWorker server versions:

- NetWorker 7.6 SP3 or later

Supported NetWorker environments

The Backup & Recovery Manager adaptor for NetWorker can be installed on NetWorker Windows or Linux servers. Other NetWorker environments such as NetWorker on Solaris, HP-UX, and AIX are supported by installing the Backup & Recovery Manager adaptor for NetWorker on a supported Windows or Linux proxy server.

Browser compatibility

Backup & Recovery Manager is accessed through a browser interface. Backup & Recovery Manager supports the following browsers:

Table 26: EMC Backup and Recovery Manager Browser Compatibility

Browser	BRM Version		
	v1.1	v1.2	v1.2.1
Apple Safari	Version 4 or higher	Version 4 or higher	Version 4 or higher
Google Chrome	Version 19 or higher	Version 19 or higher	Version 19 or higher
Microsoft Internet Explorer	Version 8 - 10	Version 8 - 10	Version 9 or higher
Mozilla Firefox	Version 5.x or higher	Version 5.x or higher	Version 5.x or higher