Independent Software Vendor (ISV) matrix for
IBM Virtualization Engine TS7520

Last updated: June 25, 2008

DISCLAIMER: THE INFORMATION IN THIS DOCUMENT IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, INCLUDING ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, INTEROPERABILITY, OR COMPATIBILITY. This information could include technical inaccuracies or typographical errors. Changes are periodically made to the information herein; these changes will be incorporated in new editions of the publication. IBM may make improvements and/or changes in the product(s) and/or the program(s) described in this publication at anytime without notice.

IBM's products are warranted in accordance with the agreements under which they are provided. The inclusion of a non-IBM product on this list is not a guarantee that it will work with the designated IBM storage product. In addition, not all software and hardware combinations created from compatible components will necessarily function properly together. IBM does not provide service or support for the non-IBM products listed, but does not prohibit them from being used together with IBM's storage products. During problem debug and resolution, IBM may require that hardware or software additions be removed from the IBM product to provide problem determination and resolution on the IBM-supplied hardware/ software. IBM makes no representations or warranties regarding the non-IBM products. For support issues regarding non-IBM products, please contact the manufacturer of the product directly. IBM does not warrant either functionality or problem resolution of any non-IBM products.

Information concerning non-IBM products was obtained from the suppliers of those products, their published announcements, or other publicly available sources. IBM has not tested those products and cannot confirm the accuracy of performance, compatibility or any other claims related to non-IBM products. Questions on the capabilities of non-IBM products should be addressed to the suppliers of those products.

The following terms are trademarks of International Business Machines Corporation in the United States, other countries, or both: TotalStorage, Tivoli, AIX, OS/400, eServer, zSeries, and z/OS

Microsoft, Windows, and Windows NT are registered trademarks of Microsoft Corporation in the United States, other countries, or both.

UNIX is a registered trademark of The Open Group in the United States and other countries.

Other company, product, and service names may be trademarks or service marks of others.

Product Reference:
      TS7520: IBM TS7520 Virtualization Engine

THE INFORMATION IN THIS DOCUMENT IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, INCLUDING ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, INTEROPERABILITY, OR COMPATIBILITY.

The following is a list of Independent Software Vendors (ISVs) who have indicated support for the listed product. A check mark (√) in a column indicates ISV support for the product on the operating system indicated.

IBM: Tivoli Storage Manager → website
Notes on ISV site navigation: ▪ On the website above, click on support for IBM Tivoli Storage Manager Product. ▪ On the resulting page, select "Supported devices for AIX, HP, SUN and Windows" or "Supported devices for Linux". ▪ On the resulting page, select "Virtual Tape Libraries" from the pull down list. ▪ To get operating system version information, select "Client Requirements" or "Server Requirements" from the website link indicated above.

Operating System	TS7520
AIX	√
HP-UX	√
Red Hat Enterprise Linux	√
SuSE Linux Enterprise Server	√
Linux – pSeries™	√
Linux – zSeries®	√
Sun Solaris	√
Windows® 2003	√

Note: Supports LTO2, LTO3, and 3592 Model J1A/E05 drives as part of 3584 logical library.

Note on device drivers: Use IBM tape device drivers at:
ftp://ftp.software.ibm.com/storage/devdrvr/

Symantec: NetBackup 5.x/6.0/6.5 → **website**	
Notes on ISV site navigation: ▪ On the website above, search for the Hardware Compatibility List for the appropriate NetBackup product version and then choose virtual tape libraries/drives	
Operating System	**TS7520**
AIX 5.1, 5.2, 5.3	√
HP-UX 11.11, 11.23 IA64	√
HP-UX 11.23 PA-RISC	√
RHEL AS 4.0	√
SLES 9	√
Solaris 8, 9, 10	√
Windows® 2003	√
Note: Must be configured with the IBM TS7520 inquiry string and IBM Ultrium 2, Ultrium 3 or 3592 J1A and E05 drive emulations. Note: VTL Direct to Tape support is available, enabling NDMP backup/recovery and tape duplication to physical libraries.	
Note on tape device drivers: Libraries: Use the passthrough device driver. Drives: For Windows, use the IBM tape device driver at: ftp://ftp.software.ibm.com/storage/devdrvr/ or the Symantec device driver. For HP-UX, use the IBM tape device driver at: ftp://ftp.software.ibm.com/storage/devdrvr/ or the passthrough device driver. For all other operating systems, use the native operating system device driver.	

HP: OpenView Storage Data Protector 5.5/6.0 → website	
Operating System	**TS7520**
HP-UX 11.23, 11.11	√
Windows® 2003 (32-bit)	√
Solaris	√

Note on tape device drivers:

Libraries: Use the native operating system device driver for medium changer with the following exceptions:

- On Solaris, use sst
- On Windows 2003, disable the class driver in Windows Hardware Manager. Windows can also use the IBMtape driver to run with HPDP.

Drives: Use the native operating system device driver for the tape drive with the following exceptions:

- On HP-UX, use the IBM atdd device driver
- On Windows 2003, disable the class driver in Windows Hardware Manager. Windows can also use the IBMtape driver to run with HPDP.

IBM tape drivers can be downloaded from ftp://ftp.software.ibm.com/storage/devdrvr

EMC: NetWorker 7.3/7.4 → **website**	
Notes on ISV site navigation:	
▪ On the website above, login to Powerlink. mouse over Support, then Interoperability and Product Lifecycle Information, next Compatibility Guides. Click on NetWorker 7.x Hardware Compatibility Guide.	
Operating System	**TS7520**
AIX 5.3	√
HP-UX 11.11	√
RHEL AS 4.0 (x86)	√
SuSE 10 (x64)	√
SuSE 9 (x86)	√
Solaris 9, 10 (SPARC)	√
Windows 2003 (x64, x86)	√
Note:	
▪ Supports LTO and 3592 drives as part of 3584 logical library.	

Computer Associates: ARCserve Backup 11.1/11.5/12 → website

Notes on ISV site navigation:
- On the website above, select the CA product version on the operating system of interest
- On the following page, select IBM as the library or the drive manufacturer and follow through to the compatibility matrices
- Click on the library name to view supported drives in the library
- LTO2, LTO3, 3592 J1A and E05 Drive emulations supported

Operating System	TS7520
AIX	√
HP-UX	√
Linux	√
Solaris	√
Windows	√
NetWare (for v11.1 only)	√

CommVault Systems: Galaxy 7.0 → **website**	

Notes on ISV site navigation:
- On the website above, select the operating system.
- On the resulting page, select IBM as the hardware vendor.
- On the following page, choose the appropriate hardware compatibility matrix.

Operating System	TS7520
AIX	√
HP-UX	√
Solaris	√
Linux	√
Tru64	√
Windows® 2003	√
NetWare	√

Note on device drivers:
Libraries: Use the SCSI pass-through driver on all operating systems with the following exceptions:
- On Windows, use the IBM tape driver from ftp://ftp.software.ibm.com/storage/devdrvr

Drives: Use the SCSI pass-through driver on all operating systems with the following exceptions:
- On Windows, use the IBM tape driver from ftp://ftp.software.ibm.com/storage/devdrvr