



Sun StorageTek™ Enterprise Backup Software 7.5

Roadmap

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Contents

- 1. Sun StorageTek Enterprise Backup Software 7.5 Roadmap 1**
 - Media Kit Organization 2
 - Sun StorageTek EBS DVD: Server, Client, and Storage Node Software 2
 - NetWorker DVD: Server, Client, and Storage Node Software 3
 - NetWorker Modules DVD: NetWorker Module Software 3
 - NetWorker Documentation CD 3
- 2. Tables of Sun StorageTek EBS and Related Information Protection Products 5**
 - Sun StorageTek EBS Server, Client, and Storage Node Software 6
 - EMC NetWorker Server, Client, and Storage Node Software 7
 - EMC NetWorker Modules Software 11
- 3. Table of Product Documentation 21**
 - Documentation 22
- 4. Installing and Registering Your Software 27**
 - Installing Your Software 27
 - Locating Your Software 27
 - Locating Your Installation Documentation 28
 - Viewing Documentation 28

Enabling and Registering Sun StorageTek EBS and NetWorker Module Products	30
Temporary Use with a Built-in Enabler Code	31
Temporary Use with an Evaluation Enabler Code	31
Permanent Use with a Purchased Enabler Code, Registration, and Authorization Code	32
Update Enablers	35
45-Day Evaluation Enabler Codes	36

Sun StorageTek Enterprise Backup Software 7.5 Roadmap

Thank you for purchasing the Sun StorageTek™ Enterprise Backup Software family of information protection products. This media kit includes the Sun-branded StorageTek EBS 7.5 software, along with Sun StorageTek EBS 7.5 installation and administration documentation. This kit also includes software and documentation for EMC NetWorker products that are fully compatible with the Sun StorageTek Enterprise Backup Software.

To permanently use a product in this kit, you must purchase a license for that product from Sun. You may have already purchased a license at the same time you purchased this media kit. Or you may have purchased only this media kit to allow yourself some time to evaluate the software before purchasing any licenses.

If you purchased the media kit alone, you will have a limited number of days after the installation of a particular product to use and evaluate that product, as explained in “Enabling and Registering Sun StorageTek EBS and NetWorker Module Products” on page 30. After the evaluation period, backups will no longer be allowed without a license.

To continue using products after evaluation, you must purchase the required licenses. After a license is purchased Sun sends an enabler certificate, which contains an enabler code and instructions on how to register the product for permanent use. Even if you purchase the license at the same time as the media kit, the enabler certificate will always arrive separately from the media kit. For more information, see “Permanent Use with a Purchased Enabler Code, Registration, and Authorization Code” on page 32.

This document contains the following sections to help you navigate through the media kit:

- Media Kit Organization (page 2)
- Tables of Sun StorageTek EBS products and documentation on the DVDs (page 5)
- Table of additional product documentation (page 21)
- Installation and registration instructions (page 27)
- Table of Sun StorageTek EBS evaluation enabler codes (page 36)

Media Kit Organization

This media kit contains three software DVDs and one documentation CD. One DVD comprises the Sun StorageTek Enterprise Backup Software 7.5 and documentation, and the second DVD comprises the NetWorker server, client, and storage node software. The third DVD contains NetWorker Module software for backing up database and messaging installations. NetWorker documentation is supplied on the CD. The disks are organized into directories that provide convenient browsing.

Sun StorageTek EBS DVD: Server, Client, and Storage Node Software

The Sun EBS DVD includes:

- Sun StorageTek EBS server, client, and storage node software for the Solaris™ operating environment SPARC™ and AMD64, and client only for Solaris on x86.
- *Sun StorageTek Enterprise Backup Software 7.5 Administrator's Guide* and *Sun StorageTek Enterprise Backup Software 7.5 Installation Guide*. The reader for these document files is in the `/ebsdocs/viewers` directory of the DVD.

NetWorker DVD: Server, Client, and Storage Node Software

The NetWorker DVD includes:

- NetWorker server, client and storage node software for Linux.
- NetWorker client and storage node software for UNIX® operating systems, including AIX, HP Tru64 UNIX, HP-UX, and SGI IRIX.
- NetWorker client software for Mac OS X.
- NetWorker server, client, and storage node software for Windows Server 2003 and Windows 2008; Windows 2000 (client only), Windows Vista (client only), and Windows XP (client only).
- NetWorker client software for NetWare.

NetWorker Modules DVD: NetWorker Module Software

The NetWorker Modules DVD includes:

- NetWorker Modules for Microsoft Windows, UNIX, and Linux clients that support a wide variety of leading database applications, including Microsoft SQL Server, SAP R/3, Oracle, Informix, DB2, and Sybase.
- Support for messaging, such as NetWorker Modules for Lotus Notes and Microsoft Exchange Server.
- NetWorker Module for EMC Symmetrix for Oracle (for support information about this NetWorker Module, see “EMC NetWorker Modules Software” on page 11).
- NetWorker Module for EMC Symmetrix for SAP R/3 on Oracle (for support information about this NetWorker Module, see “EMC NetWorker Modules Software” on page 11).

NetWorker Documentation CD

The Documentation CD includes product manuals for the software on the NetWorker DVD:

- Documentation for NetWorker and other information protection software. Most of the documentation files are in Adobe Acrobat (.pdf); some are in HTML.
- Adobe Acrobat reader software, for reading and printing Acrobat (.pdf) files, available in the */viewers* directory of the CD.

Tables of Sun StorageTek EBS and Related Information Protection Products

Your computer might display filenames and pathnames on your DVD in uppercase or lowercase, depending on which operating system you use to access the DVD.

Sun StorageTek EBS Server, Client, and Storage Node Software

TABLE 2-1 lists the contents of the Sun StorageTek EBS DVD.

TABLE 2-1 Sun StorageTek EBS Server, Client, and Storage Node Software on the EBS DVD.

Application	Release	Operating System Releases	Location of Installation Binary
Sun StorageTek EBS Server, Client, Storage Node	7.5	Solaris 8, 9, and 10 (on SPARC) 64-bit binaries	<i>solaris_64/SUNWebsc/ solaris_64/SUNWebsm/ solaris_64/SUNWebsn/ solaris_64/SUNWebss/ solaris_64/SUNWebsg/</i>
		Solaris 8, 9, 10 (on x86) 32-bit binaries	<i>solaris_x86/SUNWebsc/ solaris_x86/SUNWebsm/</i>
		Solaris 10 (on AMD64, XEON, and EM64T)	<i>solaris_amd64/SUNWebsc solaris_amd64/SUNWebsm solaris_amd64/SUNWebsn solaris_amd64/SUNWebss</i>
Sun StorageTek EBS Documentation	7.5	Administrator's Guide Installation Guide	<i>ebsdocs/ebs_admin_7.5/pdf/ ebsdocs/ebs_admin_7.5/html/ ebsdocs/ebs_install_7.5/pdf/ ebsdocs/ebs_install_7.5/html/</i>
		Viewing software	<i>ebsdocs/viewers</i>

EMC NetWorker Server, Client, and Storage Node Software

TABLE 2-2 lists the EMC NetWorker Server, Client, and Storage Node software on the NetWorker DVD.

TABLE 2-2 NetWorker Server, Client, and Storage Node Software on the EMC NetWorker DVD.

Application	Release	Operating System Release	Location of Installation Binary
NetWorker for Linux Server, Client and Storage Node (x86 and compatible)	7.5	(on x86) 32-bit binaries Red Hat Enterprise Server 3, 4 Red Hat Enterprise Server 5 (client only) SUSE Enterprise Server 8, 9, 10	<i>linux_x86/lgtoclnr-7.5-1.i686.rpm</i> <i>linux_x86/lgtolicm-7.5-1.i686.rpm</i> <i>linux_x86/lgtoman-7.5-1.i686.rpm</i> <i>linux_x86/lgtonode-7.5-1.i686.rpm</i> <i>linux_x86/lgtoserv-7.5-1.i686.rpm</i> <i>linux_x86/lgtonmc-3.5-1.i686.rpm</i>
NetWorker for Linux Server, Client and Storage Node (IA-64 and compatible)	7.5	NEW: (on Itanium) 64-bit binaries Red Hat Enterprise Server 3, 4 Red Hat Enterprise Server 5 (client only) SUSE Enterprise Server 8, 9, 10	<i>linux_ia64/lgtoclnr-7.5-1.ia64.rpm</i> <i>linux_ia64/lgtolicm-7.5-1.ia64.rpm</i> <i>linux_ia64/lgtoman-7.5-1.ia64.rpm</i> <i>linux_ia64/lgtonode-7.5-1.ia64.rpm</i> <i>linux_ia64/lgtoserv-7.5-1.ia64.rpm</i> <i>linux_x86_64/lgtonmc-3.5-1.i686.rpm</i>
NetWorker for Linux Client only (PowerPC)	7.5	Red Hat Enterprise Server 4 Red Hat Enterprise Server 5 (client only) SuSE Enterprise Server 9, 10	<i>linux_ppc64/lgtoclnr-7.5-1.ppc64.rpm</i> <i>linux_ppc64/lgtoman-7.5-1.ppc64.rpm</i>

TABLE 2-2 NetWorker Server, Client, and Storage Node Software on the EMC NetWorker DVD.

Application	Release	Operating System Release	Location of Installation Binary
NetWorker for Linux Server, Client and Storage Node (on AMD64 and EM64T)	7.5	Red Hat Enterprise Server 3, 4 -Workstation Server, -Enterprise Server, -Advanced Server Red Hat Enterprise Server 5 (client only) SuSE Enterprise Server 8, 9, 10	<i>linux_x86_64/lgtocltnt-7.5-1.x86_64.rpm</i> <i>linux_x86_64/lgtoman-7.5-1.x86_64.rpm</i> <i>linux_x86_64/lgtonmc-3.5-1.i686.rpm</i> <i>linux_x86_64/lgtonode-7.5-1.x86_64.rpm</i> <i>linux_x86_64/lgtoserv-7.5-1.x86_64.rpm</i> <i>linux_x86_64/lgtolicm-7.5-1.x86_64.rpm</i>
NetWorker for Microsoft Windows Server, Client and Storage Node (x86 or 32-bit and compatible)	7.5	Windows on x86: MS Windows 2003 MS Windows 2003 R2 MS Windows Storage Server 2003 R2 (client and storage node only) MS Windows 2000 (client only) MS Windows Server 2008 with and without Hyper V MS Windows XP Professional (client only) MS Windows Vista (32-bit) (client only)	<i>win_x86\autorun\</i> <i>win_x86\autorun.exe</i> <i>win_x86\networkr\</i> <i>win_x86\support\</i>

TABLE 2-2 NetWorker Server, Client, and Storage Node Software on the EMC NetWorker DVD.

Application	Release	Operating System Release	Location of Installation Binary
NetWorker for Microsoft Windows Server, Client and Storage Node (IA-64 and compatible)	7.5	MS Windows 2003 R2	<i>win_ia64\autorun\ win_ia64\autorun.exe win_ia64\networkr\ win_ia64\support\</i>
NetWorker for Microsoft Windows Server, Client and Storage Node (x64 and compatible)	7.5	MS Windows 2003 R2 MS Windows XP SP2 (client only) MS Windows Vista (client only) MS Windows 2008 with and without Hyper V	<i>win_x64\autorun\ win_x64\autorun.exe win_x64\networkr\ win_x64\support\</i>
NetWorker for HP-UX Server, Client and Storage Node	7.5	HP-UX 11i ver1, 11i ver 2, 11i ver 3 64-bit binaries	<i>hpux11_64/NetWorker.pkg hpux11_64/NMC.pkg</i>
NetWorker for HP-UX Client and Storage Node	7.5	(on Itanium) HP-UX 11i ver 2, 11i ver 3 64-bit binaries	<i>hpux11_ia64/NetWorker.pkg</i>
NetWorker for AIX Server, Client and Storage Node	7.5	AIX5L 5.2, 5.3 (32-bit and 64-bit)	<i>aix/LGTONw.clnt.rte aix/LGTONw.licm.rte aix/LGTONw.man.rte aix/LGTONw.node.rte aix/LGTONw.serv.rte aix/LGTONmc.rte</i>
NetWorker for HP Tru64 UNIX Client and Storage Node	7.5	Tru64 UNIX 5.1.B-3, 5.1.B-4 64-bit binaries	<i>tru64/INSTCTRL tru64/LGT.image tru64/LGTOCLNT750 tru64/LGTOLICM750 tru64/LGTOMAN750 tru64/LGTONODE750 tru64/LGTOSERV750 tru64/instctrl/</i>

TABLE 2-2 NetWorker Server, Client, and Storage Node Software on the EMC NetWorker DVD.

Application	Release	Operating System Release	Location of Installation Binary
NetWorker for SGI IRIX Client and Storage Node	7.5	IRIX 6.5.27, 6.5.28, 6.5.29 32-bit binaries	<i>sgi/networker7.tardist</i>
NetWorker for NetWare Client	7.2.1	NetWare 5.1, 6.0, 6.5	<i>netware/CLIENTPK/</i>
NetWorker for Mac OS Client	7.5	Mac OS X ver 10.4 and 10.5	<i>MacOSX/NetWorker-7.5.dmg</i>

EMC NetWorker Modules Software

Sun does not sell or support the following products found in the EMC NetWorker Modules DVD in your media kit:

- NetWorker Module for Oracle AT Edition
- Centera Backup and Recovery Module

These products are currently available only from EMC. Contact sun@legato.com for pricing and ordering information.

TABLE 2-3 lists the NetWorker Module Software on the EMC NetWorker Modules DVD.

TABLE 2-3 NetWorker Module Software on the EMC NetWorker Modules DVD

Module	Release	Business Application Release	Operating System Release	Location of Installation Binary
NetWorker Module for DB2	2.1	DB2 ESE, ESE with DPF v8.1 DB2 ESE, ESE with DPF v8.2	AIX 5.1, 5.2, 5.3 (32-bit)	<i>db2/2.1/aix_32/</i>
			AIX 5.1, 5.2, 5.3 (64-bit)	<i>db2/2.1/aix_64/</i>
			HP-UX 11i (11.11) (32-bit)	<i>db2/2.1/hpux11_32</i>
			HP-UX 11i (11.11) (64-bit)	<i>db2/2.1/hpux11_64</i>
			HP-UX 11i v2 (11.23) (IA64 [64-bit])	<i>db2/2.1/hpux11_ia64</i>
			Linux x86 (32-bit): Red Hat Enterprise Linux 3 SuSE Linux Enterprise Server 8 SuSE Linux Enterprise Server 9	<i>db2/2.1/linux_x86</i>

TABLE 2-3 NetWorker Module Software on the EMC NetWorker Modules DVD

Module	Release	Business Application Release	Operating System Release	Location of Installation Binary
NetWorker Module for DB2 (continued)	2.1	DB2 ESE, ESE with DPF v8.1 DB2 ESE, ESE with DPF v8.2 (continued)	Linux AMD/EM64T (64-bit): Red Hat Enterprise Linux 3 Red Hat Enterprise Linux 4 SuSE Linux Enterprise Server 8 SuSE Linux Enterprise Server 9	<i>db2/2.1/linux_x86_64</i>
			Linux IA64: Red Hat Enterprise Linux 3 Red Hat Enterprise Linux 4 SuSE Linux Enterprise Server 8 SuSE Linux Enterprise Server 9	<i>db2/2.1/linux_ia64</i>
			Solaris (SPARC) 7, 8, 9, 10 (32-bit)	<i>db2/2.1/solaris_32/</i>
			Solaris (SPARC) 7, 8, 9, 10 (64-bit)	<i>db2/2.1/solaris_64/</i>
			Windows 2000, 2003 (x86 [32-bit])	<i>db2\2.1\win_x86</i>
			Windows 2003 (IA64 [64-bit], x64)	<i>db2\2.1\win_ia64</i> <i>db2/2.1/win_x64</i>
Centera Backup and Recovery Module	2.2	EMC Centera SDK 3.0	Windows 2000, 2003, and 2003 R4 Solaris 9, 10 VMware ESX 3.0.x	<i>cbrm\win86\</i> <i>cbrm/solaris_32</i>

TABLE 2-3 NetWorker Module Software on the EMC NetWorker Modules DVD

Module	Release	Business Application Release	Operating System Release	Location of Installation Binary
NetWorker Module for Informix	3.0	Informix Dynamic Server (IDS) 9.4, 10.0	AIX 5.2, 5.3 (32-bit)	<i>informix/3.0/aix_32/</i>
			AIX 5.2, 5.3 (64-bit)	<i>informix/3.0/aix_64/</i>
			HP-UX PA-RISC 11.11 (11i v1), 11.23 (11i v2) (32-bit)	<i>informix/3.0/hpux11_32/</i>
			HP-UX PA-RISC 11.11 (11i v1), 11.23 (11i v2) (64-bit)	<i>informix/3.0/hpux11_64/</i>
			HP-UX Itanium 11.23 (11i v2) (64-bit)	<i>informix/3.0/hpux11_ia64/</i>
			Linux x86 (32-bit): RedHat AS 3.0, 4.0 SuSE SLES 8, 9	<i>informix/3.0/linux86/</i>
			Linux x64 (64-bit): RedHat AS 3.0, 4.0 SuSE SLES 9	<i>informix/3.0/linux_x86_64/</i>
			Linux Itanium (64-bit): RedHat AS 3.0, 4.0 SuSE SLES 9	<i>informix/3.0/linux_ia64/</i>
			Solaris SPARC Solaris 8, 9, 10 (32-bit)	<i>informix/3.0/solaris_32/</i>
			Solaris SPARC Solaris 8, 9, 10 (64-bit)	<i>informix/3.0/solaris_64/</i>
			HP Tru64 5.1B	<i>informix/3.0/tru64/</i>
			Windows 2000, 2003	<i>informix\3.0\wn_x86\</i>

TABLE 2-3 NetWorker Module Software on the EMC NetWorker Modules DVD

Module	Release	Business Application Release	Operating System Release	Location of Installation Binary
NetWorker Module for Lotus	3.0	Lotus Notes and Domino Server 6.0.1, , 6.0.2 CF2, 6.0.3, 6.0.4, 6.0.5, 6.5, 6.5.1 IF 1, 6.5.2, 6.5.3, 6.5.4, 7.0 (without DB2)	AIX 5L V5.1, 5.2, 5.3	<i>lotus/3.0/aix/</i>
		Lotus Notes and Domino Server 6.0.1, 6.0.2 CF2, 6.0.3, 6.0.4, 6.0.5, 6.5, 6.5.1 IF 1, 6.5.2, 6.5.3, 6.5.4, 7.0 (without DB2)	Red Hat, 7.2, 7.3 Red Hat Advanced Server 2.1 Red Hat Enterprise Server 3.0 Red Hat Enterprise Linux 4 SuSE 7.2, 8.0, 8.1, 8.2 SuSE Enterprise Server , 8, 9	<i>lotus/3.0/linux_x86/</i>
		Lotus Notes and Domino Server 6.0.1, 6.0.2 CF2, 6.0.3, 6.0.4, 6.0.5, 6.5, 6.5.1 IF 1, 6.5.2, 6.5.3, 6.5.4, 7.0 (without DB2)	Solaris, 8, 9, 10	<i>lotus/3.0/solaris/</i>
		Lotus Notes and Domino Server 6.0.1, 6.0.2 CF2, 6.0.3, 6.0.4, 6.0.5, 6.5, 6.5.1 IF 1, 6.5.2, 6.5.3, 6.5.4, 7.0 (without DB2)	Windows 2000 Windows 2003	<i>lotus\3.0SP1\win_x86</i>
NetWorker Module for MEDITECH	2.0	MAGIC OSAL 7, 8, 9 MAGIC Client Server 5.4 or later, 6.0	Windows Server 2003 (x86)	<i>MEDITECH\2.0SP1\</i>

TABLE 2-3 NetWorker Module Software on the EMC NetWorker Modules DVD

Module	Release	Business Application Release	Operating System Release	Location of Installation Binary
NetWorker Module for Microsoft Applications	2.1	Microsoft Exchange Server 2007 (x64), Microsoft SQL Server 2005 (x64, x86) Microsoft Office SharePoint Server 2007 (x86, x64) Windows SharePoint Services 3.0 (x86, x64) Microsoft System Center Data Protection Manager 2007 (x64)	Windows Server 2008 (x64) Windows Server 2003 R2 (x64) Windows Server 2003 (x64)	<i>NMM/2.1/win_x64/</i>
		Windows Server Hyper-V (x64)	Windows Server 2008 (x64)	<i>NMM/2.1/win_x64/</i>
		Microsoft Exchange Server 2003 (x86) Microsoft SQL Server 2005 (x86) Microsoft SQL Server 2000 (x86)	Windows Server 2003 R2 (x86) Windows Server 2003 (x86)	<i>NMM/2.1/win_x86/</i>
NetWorker Module for Microsoft Applications (continued)	2.1	Microsoft SQL Server 2005 (x86) Microsoft Office SharePoint Server 2007 (x86) Microsoft SharePoint Server 2003 (x86) Windows SharePoint Services 3.0 & 2.0 (x86) Microsoft System Center Data Protection Manager 2007 (x86)	Windows Server 2008 (x86) Windows Server 2003 R2 (x86) Windows Server 2003 (x86)	<i>NMM/2.1/win_x86/</i>

TABLE 2-3 NetWorker Module Software on the EMC NetWorker Modules DVD

Module	Release	Business Application Release	Operating System Release	Location of Installation Binary
NetWorker Module for Microsoft Exchange Server	5.1	With Configuration Wizard: <ul style="list-style-type: none"> • Microsoft Exchange 2000 Server • Microsoft Exchange 2000 Enterprise Server • Microsoft Exchange 2003 • Microsoft Exchange 2003 	Windows 2000, Windows Server 2003 Windows Server 2008	<i>MSEXCHNG\5.1SP1\win_x86\ MSEXCHNG\5.1SP1\win_x64 MSEXCHNG\5.1SP1\wizard</i>
NetWorker Module for Microsoft SQL Server	5.2	Microsoft SQL Server 2008 (x86, x64) Microsoft SQL Server 2005 (x86, x64)	Windows Server 2008 (x86, x64)	<i>MSSQLSVR\5.2\win_x86\ MSSQLSVR\5.2\win_x64\</i>
		Microsoft SQL Server 2008 (x86, x64, IA64) Microsoft SQL Server 2005 (x86, x64, IA64)	Windows Server 2003 R2 (x86, x64, IA64) Windows Server 2003 (x86, x64, IA64) Windows Server 2000 (x86)	<i>MSSQLSVR\5.2\win_x86\ MSSQLSVR\5.2\win_ia64\ MSSQLSVR\5.2\win_x64\</i>
		Microsoft SQL Server 2000 (x86, IA64)	Windows Server 2003 R2 (x86, x64, IA64) Windows Server 2003 (x86, x64, IA64) Windows 2000 (x86)	<i>MSSQLSVR\5.2\win_x86\ MSSQLSVR\5.2\win_ia64\ MSSQLSVR\5.2\win_x64\</i>

TABLE 2-3 NetWorker Module Software on the EMC NetWorker Modules DVD

Module	Release	Business Application Release	Operating System Release	Location of Installation Binary
NetWorker Module for Oracle	4.5	Oracle 9.2, 10.1 (10G R1), 10.2 (10G R2)	HP-UX 11.0, 11.11(11i), 11.23(11i v2) (64-bit PA-RISC)	<i>oracle/hpux11/</i>
			HP-UX 11.23(11i v2) Itanium-64 (64-bit)	<i>oracle/hpux11_ia64/</i>
			Tru64 5.1a, 5.1b	<i>oracle/tru64/</i>
		Oracle 9.2	Solaris SPARC (32-bit) 7, 8, 9, 10	<i>oracle/solaris_32/</i>
		Oracle 9.2, 10.1 (10G R1), 10.2 (10G R2)	Solaris SPARC (64-bit) 7, 8, 9, 10	<i>oracle/solaris_64/</i>
		Oracle 9.2, 10.1 (10G R1), 10.2 (10G R2)	Solaris AMD64 (64-bit) 10	<i>oracle/solaris_amd64/</i>
		Oracle 9.2, 10.1 (10G R1), 10.2 (10G R2)	AIX 5.1, 5.2, 5.3	<i>oracle/aix/</i>
		Oracle 9.2, 10.1 (10G R1), 10.2 (10G R2)	Linux x86 Intel (32-bit): RedHat Adv. Server 2.1 RedHat Ent. Linux 3, 4 SuSE Ent. Server 7, 8, 9, 10	<i>oracle/linux_x86/</i>
		Oracle 9.2, 10.1 (10G R1), 10.2 (10G R2)	Linux Itanium 64-bit: RedHat Adv. Server 2.1 RedHat Ent. Linux 3, 4 SuSE Ent. Server 8, 9	<i>oracle/linux_ia64/</i>
		Oracle 9.2, 10.1 (10G R1), 10.2 (10G R2)	Linux AMD64/EM64T (x64) 64-bit : RedHat Ent. Linux 3, 4 SuSE Ent. Server 8, 9, 10	<i>oracle/linux_x86_64/</i>

TABLE 2-3 NetWorker Module Software on the EMC NetWorker Modules DVD

Module	Release	Business Application Release	Operating System Release	Location of Installation Binary
NetWorker Module for Oracle Continued	4.5	Oracle 9.2, 10g, 10gR2, 11gR1	Microsoft Windows 2000, XP, 2003, 2003 R2, Vista, 2008	<i>oracle/win_x86/ oracle/win_x64/ oracle/win_ia64/</i>
NetWorker Module for SAP R/3 and SAP Web AS (UNIX and Microsoft Windows) on Oracle (NMSAP)	3.5	Br*Tools 6.40, 7.0	AIX 5.1, 5.2 , 5.3	<i>SAP/3.5/aix/</i>
		Br*Tools 6.40	HP Tru64 UNIX 5.1A, 5.1B	<i>SAP/3.5/tru64/</i>
		Br*Tools 6.40, 7.0	HP-UX PA-RISC 11.0, 11.11 (11i), 11.23 (11i v2)	<i>SAP/3.5/hpux11/</i>
		Br*Tools 6.40, 7.0	HP-UX 11.23 (11i v2) (64-bit Itanium)	<i>SAP/3.5/hpux11_ia64/</i>
		Br*Tools 6.40, 7.0	Red Hat Enterprise Linux 3, 4 SuSE Enterprise Server 8, 9	<i>SAP/3.5/linux_x86/</i>
		Br*Tools 6.40, 7.0	Red Hat Enterprise Linux 3, 4 SuSE Enterprise Server 8, 9	<i>SAP/3.5/linux_ia64/</i>
		Br*Tools 6.40, 7.0	Red Hat Enterprise Linux 4 SuSE Enterprise Server 9	<i>SAP/3.5/linux_x86_64/</i>
		Br*Tools 6.40, 7.0	Red Hat - Enterprise Linux 4	<i>SAP/3.5/linux_ppc64/</i>
		Br*Tools 6.40, 7.0	Solaris (SPARC) 8, 9, 10 64-bit	<i>SAP/3.5/solaris_64/ SAP/3.5/solaris_amd64/</i>

TABLE 2-3 NetWorker Module Software on the EMC NetWorker Modules DVD

Module	Release	Business Application Release	Operating System Release	Location of Installation Binary
NetWorker Module for SAP R/3 and SAP Web AS (UNIX and Microsoft Windows) on Oracle (NMSAP) Continued	3.5	Br*Tools 6.40, 7.0	Microsoft Windows x86 (32-bit), x64 (64-bit)	<i>SAP/3.5/win_x86/ SAP/3.5/win_x64/ SAP/3.5/win_ia64/</i>
NetWorker Module for Sybase	3.0	Sybase Adaptive Server Enterprise (ASE) 12.5.1, 12.5.2, 12.5.3, 12.5.4, 15.0, 15.0.1	AIX 5.2, 5.3 (32 and 64-bit)	<i>SYBASE/SYB3_0/aix_32/</i>
			HP-UX PA-RISC 11.11 (11i v1), 11.23 (11i v2) (32 and 64-bit)	<i>SYBASE/SYB3_0/hpux11_32/</i>
			Linux x86 (32-bit): RedHat AS 3.0, 4.0 SuSE SLES 8, 9	<i>SYBASE/SYB3_0/linux_86/</i>
			Solaris SPARC 8, 9, 10 (32 and 64-bit)	<i>SYBASE/SYB3_0/solaris_32/</i>
			Solaris AMD64 10 (64-bit)	<i>SYBASE/SYB3_0/solaris_amd64/</i>
			Linux x64 (64-bit) RedHat AS 3.0, 4.0 SuSE SLES 9	<i>SYBASE/SYB3_0/linux_x86_64/</i>
	2.0	Sybase ASE 12.0	Windows 2000	<i>SYBASE\SYB2_0\ i386\networkr\setup.exe</i>

TABLE 2-3 NetWorker Module Software on the EMC NetWorker Modules DVD

Module	Release	Business Application Release	Operating System Release	Location of Installation Binary
AlphaStor Server with Media Manager AlphaStor Library Control Program (LCP) and Drive Control Program (DCP)	3.1.1	Intel and compatible x86 architecture	Windows 2000 SP1, SP2, SP3, SP4 Windows 2003 (R2 SP1 and SP2)	<i>Alphastor\3.1.1\win_x86\</i>
		Sun SPARC	Solaris 8 and 9 (64-bit), Solaris 10 (32-bit)	<i>AlphaStor/3.1.1/solaris/</i>
		HP Tru64	Tru64 5.1a, 5.1b (64-bit DCP only)	<i>AlphaStor/3.1.1/tru64/</i>
		HP PA-RISC	HP-UX 11.i (32- and 64-bit)	<i>AlphaStor/3.1.1/hpux11/ AlphaStor/3.1.1/hpux11_ia64/</i>
		IBM RS/6000	AIX 5.1L, 5.2, 5.3 (32- and 64-bit)	<i>AlphaStor/3.1.1/aix/</i>
		Intel and compatible x86 architecture	Red Hat Advanced Server 3.0 (32-bit) SuSE 9 (32-bit DCP only)	<i>AlphaStor/3.1.1/linux86/</i>
		SGI	IRIX 6.5 (64-bit DCP only)	<i>AlphaStor/3.1.1/irix/</i>
		Sun SPARC	Solaris 8 (32- and 64-bit) and 9 (64-bit), 10 (32-bit)	<i>AlphaStor/3.1.1/solaris/</i>

Table of Product Documentation

Note – Sun StorageTek Enterprise Backup Software documentation is found in the */ebsdocs* directory of the EBS DVD.

The Documentation CD contains current NetWorker and NetWorker Module documentation. In addition to this CD, you can find an extensive archive of related product documentation at *www.Powerlink.emc.com*.

The Documentation CD may contain some documentation for products that are not supported by Sun and not included on your Sun StorageTek EBS DVD. However, all of the products documented in TABLE 3-1 are compatible with Sun StorageTek EBS. To purchase products not supported by Sun, contact EMC at *sun@legato.com*.

Your computer might display filenames and pathnames in uppercase or lowercase, depending on which operating system you use to access the DVD.

Documentation

Note – For product manuals for the Sun StorageTek Enterprise Backup Software for UNIX, see the */ebsdocs* directory on the Sun StorageTek EBS DVD.

TABLE 3-1 lists the contents of the Documentation CD.

TABLE 3-1 NetWorker Product Manuals on the Documentation CD

Application	Release	Document	Location of Electronic Documentation
NetWorker Server, client, storage node for AIX, HP Tru64 UNIX, HP-UX, Linux, IRIX, and for Microsoft Windows (on Intel Architecture)	7.5	NEW: Administrator's Guide	<i>networker/ en_admin_7.5.pdf</i>
		NEW: Installation Guide	<i>networker/ en_install_7.5.pdf</i>
		NEW: Cluster Installation Guide	<i>networker/ en_install_cluster_74.pdf</i>
		Updated: Command Reference Guide	<i>command_reference/ command_7.5.pdf</i>
		Updated: Performance Tuning Guide	<i>networker/ en_perftune_74.pdf</i>
		Updated: Disaster Recovery Guide	<i>networker/en_disrec_75.pdf</i>
		Updated: Error Message Guide	<i>networker/ en_errormsg_74.pdf</i>
		Updated: License Manager Guide	<i>license_manager/llmag_8th_ed.pdf</i>
		Updated: License Manager Release Notes	<i>license_manager/llmrn_8th_ed.pdf</i>
		Updated: Technical Bulletins	<i>bulletins/INDEX.htm</i>

TABLE 3-1 NetWorker Product Manuals on the Documentation CD

Application	Release	Document	Location of Electronic Documentation
NetWorker ClientPak for NetWare	7.2.1	Administrator's Guide	<i>networker/netware/nwag_7.2.1.pdf</i>
		Installation Guide	<i>networker/netware/cpnwig_7.2.1.pdf</i>
		Release Supplement	<i>networker/netware/nwrs_7.2.1.pdf</i>
	4.2/4.2.1	Installation Guide	<i>networker/netware/cpnwig_4.2.pdf</i>
NetWorker ClientPak for UNIX, Windows, and Mac	7.4 SP3	Installation Guide	Note: The client software installation is covered in the NetWorker multiplatform Installation Guide.
AlphaStor Server with Media Manager	3.1 SP1	Release Notes	<i>networker_modules/alphastor/asrn_3.1.pdf</i>
		Installation Guide	<i>networker_modules/alphastor/asig_3.1.pdf</i>
		Administrator's Guide	<i>networker_modules/alphastor/asaog_3.1.pdf</i>
		Command Reference Guide	<i>networker_modules/alphastor/ascr_3.1.pdf</i>
NetWorker Module for DB2	2.1	Installation Guide	<i>networker_modules/db2/nmdb2_2.1_ig.pdf</i>
		Administrator's Guide	<i>networker_modules/db2/nmdb2_2.1_ag.pdf</i>
		Release Notes	<i>networker_modules/db2/nmdb2_2.1_rn.pdf</i>
Centera Backup and Recovery Module	2.2	Installation and Administrator's Guide	<i>networker_modules/emc/centera/cbrm_ia_g.pdf</i>
		Release Notes	<i>networker_modules/emc/centera/cbrm_rn.pdf</i>
NetWorker Module for Informix	3.0	Installation Guide	<i>networker_modules/informix/nmiig_3.0.pdf</i>
		Administrator's Guide	<i>networker_modules/informix/nmiag_3.0.pdf</i>
		Release Notes	<i>networker_modules/informix/nmirn_3.0.pdf</i>

TABLE 3-1 NetWorker Product Manuals on the Documentation CD

Application	Release	Document	Location of Electronic Documentation
NetWorker Module for Lotus	3.0 SP1	Release Notes	<i>networker_modules/lotus/3.0/nml_3.0_multi_rn.pdf</i>
		Installation Guide	<i>networker_modules/lotus/3.0/nmlig_3.0.pdf</i>
		Administrator's Guide	<i>networker_modules/lotus/3.0/nml_3.0_multi_ag.pdf</i>
		Command Reference Guide	<i>networker_modules/lotus/3.0/nml_3.0_crg.pdf</i>
NetWorker Module for Microsoft Applications	2.1	Installation Guide	<i>networker_modules/nm_msapps/nm_msapps_2.1_ig.pdf</i>
		Administrator's Guide	<i>networker_modules/nm_msapps/nm_msapps_2.1_ag.pdf</i>
		Release Notes	<i>networker_modules/nm_msapps/nm_msapps_2.1_rn.pdf</i>
NetWorker Module for Microsoft Exchange Server	5.1 SP1	Installation Guide	<i>networker_modules/msexchange/5.1/nmexc_5.1_ig.pdf</i>
		Administrator's Guide	<i>networker_modules/msexchange/5.1/nmexc_5.1_ag.pdf</i>
		Release Notes	<i>networker_modules/msexchange/5.1/nmexc_5.1_rn.pdf</i>
NetWorker Module for Microsoft SQL Server	5.2	Release Notes	<i>networker_modules/mssql/5.2/nmssql_5.2_rn.pdf</i>
		Installation Guide	<i>networker_modules/mssql/5.2/nmssql_5.2_ig.pdf</i>
		Administrator's Guide	<i>networker_modules/mssql/5.2/nmssql_5.2_ag.pdf</i>
NetWorker Module for Oracle	4.5	Installation Guide	<i>networker_modules/oracle/nmoig_4.5.pdf</i>
		Administrator's Guide	<i>networker_modules/oracle/nmoag_4.5.pdf</i>
		Release Notes	<i>networker_modules/oracle/nmors_4.5.pdf</i>
		Command Reference	<i>networker_modules/oracle/crg_nmo_4.5.pdf</i>

TABLE 3-1 NetWorker Product Manuals on the Documentation CD

Application	Release	Document	Location of Electronic Documentation
NetWorker Module for SAP R/3 and SAP Web AS (UNIX / Windows) on Oracle (NMSAP)	3.5	Installation Guide	<i>networker_modules/sap/3.5/nmsapig_3.5.pdf</i>
		Updated: Administrator's Guide	<i>networker_modules/sap/3.5/nmsapag_3.5.pdf</i>
		Release Notes	<i>networker_modules/sap/3.5/nmsaprn_3.5.pdf</i>
		Command Reference Guide	<i>networker_modules/sap/3.5/nmsapcrg.pdf</i>
NetWorker Module for Sybase	3.0	Installation Guide, UNIX Version	<i>networker_modules/sybase/3.0/nmsig_3.0.pdf</i>
		Administrator's Guide, UNIX Version	<i>networker_modules/sybase/3.0/nmsag_3.0.pdf</i>
		Release Notes, UNIX Version	<i>networker_modules/sybase/3.0/nmsrn_3.0.pdf</i>
	2.0	Installation Guide, Windows and UNIX Version	<i>networker_modules/sybase/2.0/nmsig_2.0.pdf</i>
		Administrator's Guide, Windows and UNIX Version	<i>networker_modules/sybase/2.0/nmsag_2.0.pdf</i>
		Release Supplement, Windows and UNIX Version	<i>networker_modules/sybase/2.0/nmsrs_2.0.pdf</i>
NetWorker PowerSnap Module for Sun StorEdge 6920	2.0.1	Installation and Administration Guide	<i>networker_modules/powersnap/sun/pwnapsun_6920_2.0.1_igag.pdf</i>
		Release Notes	<i>networker_modules/powersnap/sun/pwnapsun_6920_2.0.1_rn.pdf</i>
NetWorker PowerSnap Module for Sun StorageTek Availability Suite	2.0.1	Installation and Administrator's Guide	<i>networker_modules/powersnap/sun/pwnsnap_2.0.1_sun_igag.pdf</i>
		Release Supplement	<i>networker_modules/powersnap/sun/pwnsnap_2.0.1_sun_rs.pdf</i>

TABLE 3-1 NetWorker Product Manuals on the Documentation CD

Application	Release	Document	Location of Electronic Documentation
Adobe Acrobat Reader Installation binaries	5.x	Acrobat for AIX	<i>viewers/acroread/aix</i>
	4.0	Acrobat for HP Tru64 UNIX	<i>viewers/acroread/tru64</i>
	5.x	Acrobat for HP-UX	<i>viewers/acroread/hpux</i>
	4.0	Acrobat for IRIX	<i>viewers/acroread/irix</i>
	5.xx	Acrobat for Linux	<i>viewers/acroread/linux</i>
	6.0, 7.0	Acrobat for Macintosh	<i>viewers/acroread/mac</i>
	5.x	Acrobat for Solaris	<i>viewers/acroread/solaris</i> <i>viewers/acroread/sunos</i>
	6.0, 7.0	Acrobat for Windows NT, Windows 2000, and Windows XP	<i>viewers/acroread/twindows</i>

Installing and Registering Your Software

This chapter provides instructions on how to install and register your software.

Installing Your Software

To install your software you need to complete the following tasks:

- Locate your software. See “Locating Your Software” in the following section.
- Locate your installation documentation. See “Locating Your Installation Documentation” on page 28.
- Review your installation documentation. See “Viewing Documentation” on page 28.
- Install your software. See “To Install or Upgrade Your Software” on page 29.

Locating Your Software

To locate your software, read the “Tables of Sun StorageTek EBS and Related Information Protection Products” on page 5 to determine which directory path contains the software you want to install.

Locating Your Installation Documentation

Sun StorageTek Enterprise Backup Software installation documentation is found in the */ebsdocs* directory.

Note – Follow the installation procedures from the Sun StorageTek EBS version of the installation guide. The Documentation CD contains EMC NetWorker installation documentation that does not apply to Sun StorageTek EBS users. Disregard the NetWorker version.

Viewing Documentation

You can review Sun StorageTek EBS and related Information Protection product documentation by using the appropriate viewer. Sun StorageTek EBS documentation can be distributed in one or more of the following formats:

- Adobe Acrobat files (.pdf)
- HTML files (.htm or .html)

▼ To View Adobe Acrobat Files

Determine whether the Adobe Acrobat Reader software is installed on your computer. If it is not installed, find the Acrobat binary for your computer in the */viewers/acroread* directory. Use a login account with Administrator or root privileges to install this software on your computer.

- For UNIX platforms, copy the *.tar* file from the directory for your platform to a temporary extraction directory. Use the **tar** command with the appropriate options for your platform to extract the file. After the extraction is complete, use the **./INSTALL** command to install Acrobat Reader.
- For Microsoft Windows platforms, double-click the self-extracting executable *acroread.exe*.

▼ To View HTML Files

To view HTML files, use an appropriate browser.

▼ To Install or Upgrade Your Software

To install or upgrade your software:

1. Verify that your computer meets the minimum hardware and software requirements. These are listed in the installation instructions for your product.
2. Insert the DVD into your DVD drive, and navigate to the directory that includes the software you want to install.
3. Installation, upgrade, and configuration information is in the installation documentation for your product.

For late-breaking tips or information, refer to the *Release Notes* and *Release Supplements* that may be listed for your product.

You can also consult the *Sun StorageTek Enterprise Backup Software 7.5 Administrator's Guide*, which contains additional information to guide you through the configuration process.

4. Customize your product to your environment as needed. Refer to the documentation on the Documentation CD, as well as in your product's online Help to learn about its features.

Enabling and Registering Sun StorageTek EBS and NetWorker Module Products

This section describes enabling and registering the Sun StorageTek EBS software specifically, and duplicates the enabling section of the *Sun StorageTek Enterprise Backup Software 7.5 Installation Guide* in the */ebdocs* directory of the EBS DVD.

Note – Registering and enabling Sun StorageTek EBS software running in a cluster environment differs in that you must use a composite hostid. Use the registration and enabling instructions given in the cluster chapter of the *Sun StorageTek Enterprise Backup Software 7.5 Installation Guide* when registering and enabling Sun StorageTek EBS software running in a cluster environment.

This section also can be applied generally to enabling and registering other products in your media kit. For additional information about enabling and registering another product in the media kit, refer to the installation guide for that product.

This section also contains a table of evaluation enabler codes for the various software products in your media kit. Enabler codes and authorization codes are needed to turn on the ability to use features of the software on the media kit software DVD. Each collection of Sun StorageTek EBS software and feature options is sold separately as a product and each has its own enabler code. For example, each of the following options has its own enabler code:

- Network Edition
- Autochanger software modules
- Storage node
- Client connections

The following sections describe how the Sun StorageTek EBS software is ordered and used *temporarily* for evaluation purposes:

- “Temporary Use with a Built-in Enabler Code” on page 31
- “Temporary Use with an Evaluation Enabler Code” on page 31

The following section describes how the Sun StorageTek EBS software is *permanently* licensed:

- “Permanent Use with a Purchased Enabler Code, Registration, and Authorization Code” on page 32

Temporary Use with a Built-in Enabler Code

You can install and use the Sun StorageTek EBS software from the media kit without entering an enabler code. A built-in temporary enabler code is in effect for 30 days after installation.

The built in enabler gives you the following functionality:

- The ability to backup to 10 clients (9 clients plus the server)
- The ability to use a tape library of up to 16 slots (storage bins)

If other functionality is needed for the evaluation period, you will need to use evaluation enablers located in Table 4-2 on page 36.

When you follow the installation instructions in the appropriate manual for the desired locale, the installation software notifies you that you must enter an enabler code to continue using the software beyond 30 days.

Caution – If you do not enable the software within the 30-day period using either an evaluation or purchased enabler code, the ability to back up data is disabled, although restoration of data is still allowed. Any time during the initial 30-day period, you can either enter an evaluation or purchased enabler code, as described in the sections “Temporary Use with an Evaluation Enabler Code” on page 31 and “Permanent Use with a Purchased Enabler Code, Registration, and Authorization Code” on page 32.

Temporary Use with an Evaluation Enabler Code

You can install the Sun StorageTek EBS software and any combination of evaluation enabler codes in Table 4-2 on page 36 to evaluate the Sun StorageTek EBS software for 45 days.

▼ To Enter the Evaluation Enabler Code

After you follow the Sun StorageTek EBS installation instructions, perform the following procedure:

1. Obtain the appropriate enabler code for the type of Sun StorageTek EBS server and client configuration you are using.

For the appropriate enabler codes, see Table 4-2 on page 36.

2. Become superuser on the Sun StorageTek EBS main server or login as a user with administrative rights.

3. Enter the following command to enable the software:

```
# nsrccap -v -c <enabler_code>
```

Caution – If you do not enable the software with a purchased enabler code within the 45-day period after entering an evaluation enabler code, the ability to back up data is disabled. Restoration of data is still allowed. Any time during the 45 days after you enter an evaluation enabler, you can enter a purchased enabler code, as described in “Permanent Use with a Purchased Enabler Code, Registration, and Authorization Code” on page 32.

Permanent Use with a Purchased Enabler Code, Registration, and Authorization Code

You can purchase a license for the Sun StorageTek EBS software either at the same time that you purchase a media kit, or any time during an evaluation period. You can also purchase upgrade licenses for additional clients, database modules, and jukeboxes.

Once you have purchased your licenses, you will receive one or more enabler certificates in the mail. If this is a new purchase, you will receive an enabler code for the base software and one for each additional module. If you are upgrading or adding new functionality, you will receive an enabler for each additional module.

As described on the enabler certificate, after you enable the Sun StorageTek EBS software with the code supplied on the certificate, you must register the Sun StorageTek EBS software. Sun will then send you an authorization code, which you must enter in the Registration window of the Sun StorageTek EBS Administrator program. The authorization code must be entered within 45 days of the date you entered the purchased enabler certificate.

Caution – If you do not enter the permanent authorization code within the 45-day period after entering the purchased enabler code, the ability to back up data is disabled, although restoration of data is still allowed.

▼ To Enable and Register the Sun StorageTek EBS Software

1. Order licenses from Sun for the type of Sun StorageTek EBS server and client configuration you are using.

When you get the purchased enabler certificate in the mail, proceed to Step 2.

2. Become superuser on the Sun StorageTek EBS main server or log in as a user with administrative rights.

Note – To enable the Sun StorageTek EBS software, use the command line interface in Step 3 *or* use the user interface in Step 4.

3. Perform the following operations to enter the purchased enabler codes:

- a. If you have been evaluating the Sun StorageTek EBS software and have now purchased the software:

- i. Upgrade from your base evaluation enabler to your purchased base enabler by entering the following command:

```
# nsrcap -v -u base_enabler_code
```

- ii. Delete any remaining evaluation enablers. This will eliminate warning messages coming from expiring evaluation enablers. Add your purchased enablers for additional functionality as shown in Step b.

- b. Enter the following command, once for each module:

```
# nsrcap -v -c enabler_code
```

4. Start the Sun StorageTek EBS NMC by starting a web browser session, then typing:

```
http://server_name:http_service_port
```

Where *server_name* is the name of the computer where the Console server component was installed; and, *http_service_port* is the IP port for the embedded HTTP server (the HTTP port is specified during installation. The default HTTP port is 9000).

5. From the Administration window, click Configuration.

From the opening Console window, open the Enterprise window. From the Enterprise window, the Administration window for a NetWorker server may be opened.

6. Select (right-click) Registrations and then select New.

The Create Registration dialog box appears.

7. In the Enabler Code attribute, enter the enabler code.
8. (Optional) In the Comment attribute, enter a description of the license.
9. Click OK.
10. If an authorization code is not available, call the license center.

The authorization code must be entered in order to enable the software permanently.

For the appropriate Sun License Center in your region, go to the following URL: <http://www.sun.com/licensing>, or send email to license@sun.com.

To send by email, copy and paste the Registration window contents (enabler codes, hostids, and expiration dates) along with your name, company name, address, phone number, email address and date of purchase into an email message. Include a brief note stating that you are requesting authorization codes.

The authorization codes are returned within two business days by the same method you use to request them.

Caution – If you do not enter an authorization code within the 45-day period after entering the purchased enabler code, the ability to back up data is disabled. Restoration of data is still allowed.

▼ To Enter the Permanent Authorization Code

To enter the permanent authorization code for Sun StorageTek EBS servers and clients:

1. Apply for the authorization code from the Sun license center, as described in “To Enable and Register the Sun StorageTek EBS Software” on page 33.

When the authorization codes arrive, proceed to Step 2.

2. Log in as a user on the Sun StorageTek EBS main server with administrative rights.
3. Start the Sun StorageTek EBS NMC by starting a web browser session, then typing:

```
http://server_name:http_service_port
```

Where *server_name* is the name of the computer where the Console server component was installed; and, *http_service_port* is the IP port for the embedded HTTP server (the HTTP port is specified during installation. The default HTTP port is 9000).

4. From the Administration window, click Configuration.
5. Select (right-click) Registrations and then select New.
The Create Registration dialog box appears.
6. In the Auth Code attribute, enter the authorization code.
7. (Optional) In the Comment attribute, enter a description of the license.
8. Click OK.

Update Enablers

Update Enablers are available only to customers with maintenance contracts, or who purchase a promotional update kit. If you have an enabler for an earlier release of the Sun StorageTek EBS software and are installing this release as an update, you received the update enabler code on the Enabler Certificate. If you do not have your update enabler code, contact your Sun sales representative.

The update enabler brings forward all the licenses for which you've already been authorized. Enter the update enabler code as you would any other enabler code. Enter the update enabler code without removing any of the previously authorized codes.

Note – As shown in the following table, updating from Sun StoragEdge EBS 7.0, 7.1, or 7.2 to release 7.5 does require an update enabler code. Updating from 7.3.2 to 7.4 does not require an update enabler.

TABLE 4-1 When to Use Update Enabler Codes

Current version	Upgrade version	Enabler needed?
7.0	7.3.2, 7.4, 7.5	Yes
7.1	7.3.2, 7.4, 7.5	Yes
7.2	7.3.2, 7.4, 7.5	Yes
7.3.2	7.4	No
7.3.2	7.5	Yes
7.4	7.5	Yes
7.0	7.1, 7.2	No
7.1	7.2	No

45-Day Evaluation Enabler Codes

The following table provides 45-day evaluation enabler codes of Sun StorageTek Enterprise Backup Software products. Where more than one enabler is listed, any of them can be used.

TABLE 4-2 Evaluation Enabler Codes

Product	Description	45-Day Evaluation Enabler Code
Server Editions	Solaris SPARC: Workgroup Edition Business Edition Network Edition Power Edition Note: If you have already entered a Power Edition evaluation enabler, you cannot then enter a Network, Business, or WorkGroup Edition base enabler.	3130b3-f0cd64-a3017b d92e5b-862501-1f15a3 4ac9cc-07b696-cb5510 130c95-dcef47-f85059
	Solaris x64: Workgroup Edition Business Edition Network Edition Power Edition Note: If you have already entered a Power Edition evaluation enabler, you cannot then enter a Network, Business, or WorkGroup Edition base enabler.	3336b5-f2cf6a-ad0779 59aedb-06a581-9f9623 7af9fc-3786b8-bb5bc0 4dd6cf-1aa99d-a6ec17
	Linux: Workgroup Edition Business Edition Network Edition Power Edition	7f8201-4a7b73-db30c5 fc097e-a5f85e-c23846 19189b-d6e5c7-395e63 2c35ae-e5c8ea-fc5476
	Windows: Workgroup Edition Business Edition Network Edition	2e26b0-f9ca7d-81c374 d82e5a-812402-1e20a2 939d15-5c6fdf-a244d9

TABLE 4-2 Evaluation Enabler Codes (*Continued*)

Product	Description	45-Day Evaluation Enabler Code
Storage Node Options	Storage Node for UNIX Network Edition	9b981d-4b67f8-6a65e1 1c199e-cad879-e9eb66 9c991e-4a58f9-696ae6
	Storage Node for UNIX Power Edition	6be8ed-3b9707-dcbc31 6ce9ee-3a8806-dfa336 eb686d-bb1787-5c3fb1
	Storage Node for UNIX x64 Network Edition	999e1b-4965c1-3ab3e3
	Storage Node for UNIX x64 Power Edition	cc494e-9a280f-c19096
	Storage Node for Linux Network Edition	3d3abf-15b99f-ef1c07 3e3bc0-14ba9e-e81f04 3fc4c1-17bb99-e91a05
	Storage Node for Linux Power Edition	2025a2-f6dc78-8af96a 2126a3-f1dd7b-8bc86b a0a522-765cf8-0a78ea
	Storage Node for Windows Network Edition	68edea-3e941a-c3a732 e96e6b-b91599-4239b3 69eeeb-399519-c2ba33
	Storage Node for Windows Power Edition	6deaef-258905-dea637 6eebf0-248a04-d9a134 6ff4f1-278b03-d8a035
Dedicated Storage Node Options	Dedicated Storage Node for UNIX Network Edition	0d0a8f-fee94f-87a757
	Dedicated Storage Node for UNIX Power Edition	808502-6d7cd8-123fca
	Dedicated Storage Node for UNIX x64 Power Edition	898e0b-6275e1-1bb6d3
	Dedicated Storage Node for UNIX x64 Network Edition	cb484d-a03722-c2f891
	Dedicated Storage Node for Linux Network Edition	a6a328-4752f6-d7bcec
	Dedicated Storage Node for Linux Power Edition	131095-f8ef47-3f4c59
	Dedicated Storage Node for Windows Network Edition	54cfd6-39a084-ce721e
	Dedicated Storage Node for Windows Power Edition	d74259-b42301-49f09d

TABLE 4-2 Evaluation Enabler Codes (*Continued*)

Product	Description	45-Day Evaluation Enabler Code
DiskBackup Option	NetWorker DiskBackup Option, all Tiers	8abb0c-4c76d0-52e6d0 0a3b8c-ccf650-d26950 8bbc0d-4f77cf-53ebd1
NetWorker Windows 2003 Open File (VSS) Option	Volume Shadowcopy Service for Windows	E27964-CE1E15- F77CA8
NDMP Client Connection	NDMP Client Connection (all Tiers: 1, 2, 3, and 4)	230aa5-ffdf75-a5f169
Dynamic Drive Sharing Options	DDS option, per tape drive, for all operating systems	50d5d2-38ac8a-ebc31a d15653-bf2d09-6a4d9b 51d6d3-3fad89-eace1b d25754-be2e08-654e98 b8bd3a-5044e0-0d5582
ClientPak Options	NetWorker ClientPak for UNIX	63e0e5-309fbf-13e529
	NetWorker ClientPak for NetWare	5fe4e1-3a9bb3-dc8e25
	NetWorker ClientPak for Microsoft Windows NT and Windows 2000	939015-4f6fc1-295ed9
	NetWorker ClientPak for Linux	f67378-9f0226-6818bc d25754-b32e0a-794f98
	NetWorker ClientPak for Mac OS-X	1f24a1-f8db4b-a8f165
Autochanger Software Modules	1 st NetWorker Autochanger Software Module Unlimited Slots Microsoft Windows and UNIX/Linux	030efa-39ffff-a71149
	2 nd NetWorker Autochanger Software Module Unlimited Slots Microsoft Windows and UNIX/Linux	0209fb-3afef0-a61048
	3 rd NetWorker Autochanger Software Module Unlimited Slots Microsoft Windows and UNIX/Linux	9c9761-a0587a-78bee6
Client Connections	100 NetWorker Client Connections Microsoft Windows and UNIX/Linux	77e4d7-63d771-728f97
Cluster Client Connections	25 Cluster Client Connections for UNIX	97b319-4363c1-09c5dd
	25 Cluster Client Connections for Linux	103a92-caec48-ba4d5a
	25 Cluster Client Connections for Windows	002b82-c6fc58-92444a
SNMP Module	NetWorker SNMP Module	151297-dbe15a-9b1b5f
Archive Modules	NetWorker Archive Module UNIX	da5f5c-9f261d-0c8ba0

TABLE 4-2 Evaluation Enabler Codes (*Continued*)

Product	Description	45-Day Evaluation Enabler Code
Enterprise Application Modules	NetWorker Module for Informix, UNIX client	cc494e-872811-52f796 1c199e-d7d87f-737666 9d9a1f-6859fc-f2f2e7
	NetWorker Module for Informix, Linux client	6eebf0-398aad-48f634 e26764-ad1e39-d463a8 62e7e4-2d9eb9-54e228
	NetWorker Module for DB2, UNIX client	e66368-b5122b-6f58ac 181d9a-c7e442-0c7462 999e1b-4065c1-8dcce3
	NetWorker Module for DB2, Linux client	989d1a-4764c2-8cf5e2 191e9b-c0e541-0d4d63 9a9f1c-4166c0-b2cfe0
	NetWorker Module for Lotus Notes, UNIX client	f27774-b90e2e-8074b8 72f7f4-398eae-00f738 f37075-ba0f21-8175b9
	NetWorker Module for Lotus Notes, Microsoft Windows client, tier 4	3722b9-f6c36a-76c97d 3128b3-f8cd60-7cc37b b1a833-784de0-fc42fb
	NetWorker Module 3.x for Oracle, UNIX client	0d0a8f-f3e948-3d0c57 f47176-94000e-b1f4be 74f1f6-14808e-316b3e
	NetWorker Module 2.1 for Microsoft Applications, Windows Client	e17863-8b1d24-e419ab 61f8e3-0b9da4-649a2b e27964-8a1e25-eb1aa8 62f9e4-0a9ea5-6b9d28 e37e65-891f2a-ea1fa9 63fee5-099faa-6a9c29 fc677e-90f843-017446 7ce7fe-1078c3-81fbc6 fd647f-eff940-007d47 7de4ff-6f79c0-80fec7
	NetWorker Module 3.x for Oracle, Linux client	c25944-af3e1a-648088 4cd7ce-25a88c-fe1f16 839e05-6c7fd6-1c1fc9
	NetWorker Module 3.x for Oracle, Microsoft Windows client, Tier 4	3229b4-d6ce68-2abf78 1b069d-fde77f-339a61 948f16-7460c6-8822de

TABLE 4-2 Evaluation Enabler Codes (*Continued*)

Product	Description	45-Day Evaluation Enabler Code
Enterprise Application Modules (continued)	NetWorker Module 2.x for Oracle, UNIX client	2623a8-efd278-f9c46c 272ca9-ecd37f-f8c56d 282daa-edd473-a61d72
	NetWorker Module 2.x for Oracle, Microsoft Windows client	a2b924-635ef1-d903e8 68f3ea-0894b7-5cec32 e9706b-8f1534-dd74b3
	NetWorker Module for Microsoft Exchange Server Tier 4	88930a-4074d2-8917d2 73eef5-3d8f8e-7db139 8c970e-4468e7-96dfd6
	NetWorker Module for Microsoft SQL Server Tier 4	98831a-5264c2-9ac5e2 18039a-d2e46a-c9f462 99801b-5565e9-484ce3
	NetWorker Module for SAP/R3 on Oracle, UNIX and Linux client	79fefb-3385a4-050bc3 fa7f7c-b20625-7a8d40 7afffc-3286a5-fa0cc0
	NetWorker Module for Sybase, UNIX client	b4b136-7040e0-cf78fe dc595e-98183f-b000a6 5cd9de-1898bf-308726
	NetWorker PowerSnap Module for Sun StorageTek Availability Suite,	QL31T269-19TQRK8E- 1MLE7DJM 47d2c9-36b3b6-4f3e0d c05b42-bf3c3f-c4b68a
	NetWorker PowerSnap Module 1 TB Capacity	3722B9-B3C34E- 19EE7D fa617c-f40605-025540 7ae1fc-748685-82d4c0