



Sun StorEdge Enterprise Backup Software™ 7.2

Roadmap

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Sun StorEdge Enterprise Backup Software 7.2 Roadmap

Thank you for purchasing the Sun StorEdge Enterprise Backup Software™ family of information protection products. This media kit includes the Sun-branded StorEdge EBS 7.2 software, along with Sun StorEdge EBS 7.2 installation and administration documentation. This kit also includes software and documentation for Legato NetWorker products that are fully compatible with the Sun StorEdge 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 StorEdge EBS and NetWorker Module Products” on page 36. 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 Key” on page 38.

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

- Media Kit CD-ROMs (page 2)
- Tables of Sun StorEdge EBS products and documentation on each CD-ROM (page 5)

- Table of additional product documentation (page 21)
- Installation and registration instructions (page 33)
- Table of Sun StorEdge EBS evaluation enabler codes (page 41)

Media Kit CD-ROMs

This media kit contains four CD-ROMs that comprise Sun StorEdge Enterprise Backup Software 7.2 and documentation and Legato NetWorker software and documentation.

Sun StorEdge EBS Servers, Clients, and Storage Nodes CD-ROMs

These two CD-ROMs include:

- Sun StorEdge EBS server, client, and storage node software for the Solaris™ operating environment SPARC™, and client only for Solaris on x86.
- *Sun StorEdge Enterprise Backup Software 7.2 Administrator's Guide* and *Sun StorEdge Enterprise Backup Software 7.2 Installation Guide*. The reader for these document files is on the Documentation Suite CD-ROM.
- 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 SunOS™ operating environments. Note that SunOS is not Y2K compliant.
- NetWorker client software for Mac OS X.
- NetWorker client and storage node software for Microsoft Windows NT (Intel) and Microsoft Windows 2000 (Intel) and Windows Server 2003.
- NetWorker server and client software for NetWare.

NetWorker Modules CD-ROM

This CD-ROM includes:

- NetWorker Modules for Microsoft Windows NT and UNIX 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 EMC² Symmetrix for Oracle (for support information about this NetWorker Module, see “NetWorker Modules CD-ROM” on page 10).
- NetWorker Module for EMC² Symmetrix for SAP R/3 on Oracle (for support information about this NetWorker Module, see “NetWorker Modules CD-ROM” on page 10).
- PowerSnap[™] Module for Sun StorEdge Availability Suite

Documentation Suite CD-ROM

This CD-ROM includes documentation in addition to the Sun StorEdge EBS 7.2 administration and installation guides that are in the */ebsdocs* directory of Volume 1 of the Sun StorEdge EBS Servers, Clients, and Storage Nodes CD-ROM. This CD-ROM includes:

- Documentation for NetWorker and other information protection software. Most of the documentation files are in Adobe[®] Acrobat (*.pdf*); some are in HTML and PostScript[™] formats.
- Adobe Acrobat reader software, for reading and printing Acrobat (*.pdf*) files.
- GNU Ghostscript software, for reading and printing PostScript (*.ps*) files (supplied for users of the DYNIX/ptx operating system, which is not supported by Adobe Acrobat reader).

Tables of Sun StorEdge EBS and Related Information Protection Products

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

Sun StorEdge EBS Servers, Clients, and Storage Nodes CD-ROMs

TABLE 2-1 lists the contents of the Sun StorEdge EBS Servers, Clients, and Storage Nodes CD-ROM Volume 1. Note that the server software for non-Sun platforms is not price listed by Sun, except for Linux (and client on Solaris x86).

TABLE 2-1 Sun StorEdge EBS Servers, Clients, and Storage Nodes CD-ROM
Volume 1

Application	Release	Operating System Releases	Location of Installation Binary
Sun StorEdge EBS Server, Client, Storage Node	7.2	NEW: Solaris 7, 8, and 9 (on SPARC) 32-bit binaries	solaris_32/SUNWebsc/ solaris_32/SUNWebsm/ solaris_32/SUNWebsn/ solaris_32/SUNWebss/ solaris_32/SUNWebsd/
		NEW: Solaris 7, 8, and 9 (on SPARC) 64-bit binaries	solaris_64/SUNWebsc/ solaris_64/SUNWebsm/ solaris_64/SUNWebsn/ solaris_64/SUNWebss/ solaris_64/SUNWebsd/
		NEW: Solaris 7, 8, and 9 (on x86) 32-bit binaries	solaris_x86/SUNWebsc/ solaris_x86/SUNWebsm/
Sun StorEdge EBS Documentation	7.2	NEW: Administrator's Guide Installation Guide	ebsdocs/ebs_admin_7.2/pdf/ ebsdocs/ebs_admin_7.2/html/ ebsdocs/ebs_install_7.2/pdf/ ebsdocs/ebs_install_7.2/html/
NetWorker for AIX Server, Client and Storage Node	7.2	NEW: AIX5L 5.1, 5.2 (32-bit and 64-bit)	aix/LGTONw.clntrte aix/LGTONw.drivrte aix/LGTONw.licmrte aix/LGTONw.manrte aix/LGTONw.nodetrte aix/LGTONw.servrte
NetWorker for HP-UX Server, Client and Storage Node	7.2	NEW: HP-UX 11.0, 11.11 (11i ver1) 32-bit binaries	hpux11_32/networkr.pkg
NetWorker for Linux Server, Client and Storage Node (IA-32 and compatible)	7.2	NEW: (on x86) Red Hat 8.0, 9.0, Adv. Server 2.1 SUSE 78.2, Enterprise Server 8.0 32-bit binaries	linux_x86/lgtoclntr-7.2-1.i686.rpm linux_x86/lgtodrvr-7.2-1.i686.rpm linux_x86/lgtolicm-7.2-1.i686.rpm linux_x86/lgtoman-7.2-1.i686.rpm linux_x86/lgtonode-7.2-1.i686.rpm linux_x86/lgtoserv-7.2-1.i686.rpm

TABLE 2-1 Sun StorEdge EBS Servers, Clients, and Storage Nodes CD-ROM
Volume 1 (*Continued*)

Application	Release	Operating System Releases	Location of Installation Binary
NetWorker for Microsoft Windows Server, Client and Storage Node (IA-32 and compatible)	7.2	NEW: Windows on x86: MS Windows 2003 -Standard Edition -Enterprise Edition -Datacenter Edition -Web Edition MS Windows 2000 -Server Edition -Advanced Server -Datacenter Server MS Windows NT 4.0 (client only) MS Windows XP Professional (client only) (32-bit)	win_x86\autorun\ win_x86\autorun.exe win_x86\networkr\ win_x86\support\

TABLE 2-2 lists the contents of the Sun StorEdge EBS Servers, Clients, and Storage Nodes CD-ROM Volume 2.

TABLE 2-2 Sun StorEdge EBS Servers, Clients, and Storage Nodes CD-ROM Volume 2

Application	Release	Operating System Releases	Location of Installation Binary
NetWorker for HP-UX Client and Storage Node	7.2	NEW: (on Itanium) HP-UX 11i version 1.5, 1.6, 2 64-bit binaries	hpux11_ia64/networkr.pkg
NetWorker for SGI IRIX Client and Storage Node	7.2	NEW: IRIX 6.5, 6.5.1 to 6.5.20, and later 32-bit binaries	irix/networkr.tar
NetWorker for HP Tru64 UNIX Client and Storage Node	7.2	NEW: Tru64 UNIX 5.0A, 5.1, 5.1A, 5.1B 64-bit binaries	tru64/INSTCTRL tru64/LGT.image tru64/LGTOCLNT720 tru64/LGTOMAN720 tru64/LGTONODE720 tru64/LGTOSERV720 tru64/SPACE tru64/instctrl/ tru64/license/ tru64/space
NetWorker for Linux Server, Client and Storage Node (IA-64 and compatible)	7.2	NEW: (on Itanium) SUSE Enterprise Server 8 Red Hat Advanced Server 2.1, Red Hat Enterprise Linux 3 64-bit binaries	linux_ia64/lgtoclnr-7.2-1.ia64.rpm linux_ia64/lgtodrvr-7.2-1.ia64.rpm linux_ia64/lgtolicm-7.2-1.ia64.rpm linux_ia64/lgtoman-7.2-1.ia64.rpm linux_ia64/lgtonode-7.2-1.ia64.rpm linux_ia64/lgtoserv-7.2-1.ia64.rpm
NetWorker for SunOS Client	4.2.6	SunOS 4.1.3, 4.1.4 (client only) 32-bit binaries	SUNOS/NETWORKR.TAR
NetWorker for NetWare Server	4.2.1	Netware 4.x, 5.x (including SSS 4.10)	netware/NWSERVER/
NetWorker for NetWare Client	4.2.2c	NEW: Netware 6.0, 6.5	netware/CLIENTPK/CPINST.NLM

TABLE 2-2 Sun StorEdge EBS Servers, Clients, and Storage Nodes CD-ROM
Volume 2 (*Continued*)

Application	Release	Operating System Releases	Location of Installation Binary
NetWorker for Mac OS Client	7.2	NEW: Mac OS X ver 10.2 and 10.3	MacOSX/NetWorkr.pkg
NetWorker for Microsoft Windows Client and Storage Node (IA-64 and compatible)	7.2	NEW: Windows on Itanium: MS Windows 2003 -Server Edition -Enterprise Edition -DataCenter Server. MS Windows XP Professional (client only) (64-bit)	win_ia64\autorun\ win_ia64\autorun.exe win_ia64\networkr\ win_ia64\support\

NetWorker Modules CD-ROM

Sun does not sell or support the following products found on the NetWorker Application Modules CD-ROM, included in your media kit:

- NetWorker Module for EMC² Symmetrix for SAP R/3 on Oracle
- NetWorker Module for EMC² Symmetrix for Oracle
- NetWorker Module for Oracle AT Edition
- NetWorker PowerSnap Module for Oracle
- Centera Backup and Recovery Module

These products are currently available only from Legato Systems, Inc. Contact sun@legato.com for pricing and ordering information.

TABLE 2-3 lists the contents of the NetWorker Modules CD-ROM.

TABLE 2-3 NetWorker Modules CD-ROM

Module	Release	Business Application Releases	Operating System Releases	Location of Installation Binary
Legato NetWorker Module for DB2	NEW: 1.6	DB2 ESE, ESE with DPF v8.1 (fp2)	AIX 5.1, 5.2 (32-bit)	<i>db2/1.6/aix_32/</i>
			AIX 5.1, 5.2 (64-bit)	<i>db2/1.6/aix5L_64/</i>
		HACMP v4.5 with* DB2 ESE, ESE with DPF v8.1 (fp2)	AIX 5.1 (32-bit)	<i>db2/1.6/aix_32/</i>
			AIX 5.1 (64-bit)	<i>db2/1.6/aix5L_64/</i>
		Sun Cluster v3.0 with DB2 ESE, ESE with DPF v8.1 (fp2)	Solaris 8 (32-bit)	<i>db2/1.6/solaris_32/</i>
			Solaris 8 (64-bit)	<i>db2/1.6/solaris_64/</i>

TABLE 2-3 NetWorker Modules CD-ROM (Continued)

Module	Release	Business Application Releases	Operating System Releases	Location of Installation Binary
Legato NetWorker Module for DB2 (continued)	1.5.1	DB2 Universal Database Server EE v6.1 fp7	Solaris 2.5.1, 2.6, 7, 8 (32-bit)	<i>db2/solaris_32/</i>
		EE v6.1 fp 7; v7.1 fp2-6; v7.2 fp4-6 EEE v7.1 fp2-6; v7.2 fp4-6	Solaris 7, 8 (32-bit)	<i>db2/solaris_32/</i>
		EE v7.1 fp2-6; v7.2 fp4-6 EEE v7.1 fp2-6; v7.2 fp4-6	Solaris 2.6, 7, 8 (64-bit)	<i>db2/solaris_64/</i>
		DB2 ESE, ESE with DPF v8.1 (Fixpack 1-2)	Solaris 7, 8, 9	<i>db2/solaris_64/</i>
	1.5	EE v6.1 fp7	AIX 4.2.1 (32-bit)	<i>db2/aix_32/</i>
		EE v6.1 fp7; v7.1 fp2-6; v7.2 fp4-6 EEE v7.1 fp2-6; v7.2 fp4-6	AIX 4.3.1, 4.3.2, 4.3.3 (32-bit)	
		EE v7.1 fp2-6; v7.2 fp4-6 EEE v7.1 fp2-6; v7.2 fp4-6	AIX 5L 5.1 (32-bit)	
		EE v7.1 fp2-6; v7.2 fp4-6 EEE v7.1 fp2-6; v7.2 fp4-6	AIX 4.3.1, 4.3.2, 4.3.3 (64-bit)	<i>db2/aix_64/</i>
		EE v6.1 fp 7; v7.1 fp2-6; v7.2 fp4-6 EEE v7.1 fp2-6; v7.2 fp4-6	HP-UX 11.0 (32-bit)	<i>db2/hpux11_32/</i>
		EE v7.1 fp2-6; v7.2 fp4-6 EEE v7.1 fp2-6; v7.2 fp4-6	HP-UX 11.0 (64-bit)	<i>db2/hpux11_64/</i>

TABLE 2-3 NetWorker Modules CD-ROM (Continued)

Module	Release	Business Application Releases	Operating System Releases	Location of Installation Binary
Legato NetWorker Module for DB2 (continued)	1.5 (cont'd)	EE v6.1 fp 7; v7.1 fp2-6; v7.2 fp4-6 EEE v7.1 fp2-6; v7.2 fp4-6	Linux: Caldera 2.4 Red Hat 6.1, 6.2, 7.1 SuSE 6.3, 6.4, 7.0, 7.1 Turbolinux 6.0	<i>db2/linux86/</i>
		EE v6.1 fp 7	Solaris 2.5.1 (32-bit)	<i>db2/solaris_32/</i>
		EE v6.1 fp 7; v7.1 fp2-6; v7.2 fp4-6 EEE v7.1 fp2-6; v7.2 fp4-6	Solaris 2.6, 7, 8 (32-bit)	
		EE v7.1 fp2-6; v7.2 fp4-6 EEE v7.1 fp2-6; v7.2 fp4-6	Solaris 2.6, 7, 8 (64-bit)	<i>db2/solaris_64/</i>
		EE v6.1 fp 7; v7.1 fp2-6; v7.2 fp4-6 EEE v7.1 fp2-6; v7.2 fp4-6	Windows NT 4.0 Windows 2000	<i>db2\i386\</i>
Legato NetWorker Module for EMC Symmetrix for Oracle	1.5	Oracle 7.3.4, 8.0.3, 8.0.4, 8.0.5, 8.0.6, 8.1.5, 8.1.6, 8.1.7, 9.0.1 SYMAPI 4.2-154 thru SYMAPI 5.0	HP-UX 11.0 (32-bit)	<i>emc/hpux11/</i>
			HP-UX 11.0, 11.11 (11i) (64-bit)	
			Solaris 2.6, 7, 8 (32- and 64-bit)	<i>emc/solaris/</i>
Legato NetWorker Module for EMC Symmetrix for SAP R/3 on Oracle	1.5	Oracle 7.3.4, 8.0.3, 8.0.4, 8.0.5, 8.0.6, 8.1.6, 8.1.7, 9.0.1 SYMAPI 4.2-154 thru SYMAPI 5.0 BR*tools version 4.0B – 6.10B	HP-UX 11.0 (32-bit)	<i>emc/hpux11/</i>
			HP-UX 11.0, 11.11 (11i) (64-bit)	
			Solaris 2.6, 7, 8 (32- and 64-bit)	<i>emc/solaris/</i>
Centra Backup and Recovery Module	NEW: 1.0	CentraStar 2.0 (SP2 and higher)	Windows 2000	<i>cbrm/win_x86/</i>

TABLE 2-3 NetWorker Modules CD-ROM (Continued)

Module	Release	Business Application Releases	Operating System Releases	Location of Installation Binary
Legato NetWorker Module for Informix	NEW: 2.2	Informix Dynamic Server (IDS) 9.3x, 9.4x, (64-bit)	AIX 5.1, 5.2 (64-bit)	<i>informix/aix5L_64/</i>
	2.1	IDS 9.21UC7 (or later) UC7 releases, 9.30	Linux: Caldera 2.3, 2.4 Red Hat 6.0, 6.1, 6.2, 7.0, 7.1 SuSE 6.4, 7.0, 7.1 Turbolinux 6.0, 6.1	<i>informix/linux86/</i>
		IDS 9.20, 9.21, 9.30	SGI IRIX 6.5.0 - 6.5.12 (N32 ABI)	<i>informix/sgin32/</i>
			SGI IRIX 6.5.0 - 6.5.12 (64-bit ABI)	<i>informix/sgi64/</i>
	2.0	IDS 7.30, 7.3.1, 9.20	AIX 4.2.1, 4.3.0, 4.3.1 (32-bit)	<i>informix/aix_32/</i>
		IDS 7.30, 7.31, 9.20, Extended Parallel Server (XPS) 8.30	AIX 4.3.2 (32-bit)	<i>informix/aix_64/</i>
		IDS 7.30, 7.31, 9.20, 9.21, XPS 8.30	AIX 4.3.3 (32-bit)	
		IDS 7.31, XPS 8.30	AIX 4.3.2 (64-bit)	
		IDS 7.31, 9.21, XPS 8.30	AIX 4.3.3 (64-bit)	<i>informix/hpux10/</i>
		IDS 7.30, 7.31, 9.20	HP-UX 10.20	
		IDS 7.30, 7.31, 9.20, 9.21, XPS 8.30	HP-UX 11.0 (32-bit)	
		IDS 7.30, 7.31, 9.21	HP-UX 11.11 (11i) (32-bit)	<i>informix/hpux11_32/</i>
		IDS 7.31, 9.21, XPS 8.30	HP-UX 11.0, 11.11 (11i) (64-bit)	
		IDS 7.30, 7.31, 9.20	Solaris 2.5.1 (32-bit)	
		IDS 7.30, 7.31, 9.20, 9.21, XPS 8.30	Solaris 2.6, 7 (32-bit)	<i>informix/solaris_32/</i>
		IDS 7.30, 7.31, 9.21, XPS 8.30	Solaris 8 (32-bit)	

TABLE 2-3 NetWorker Modules CD-ROM (Continued)

Module	Release	Business Application Releases	Operating System Releases	Location of Installation Binary
Legato NetWorker Module for Informix (continued)	2.0 (cont'd)	IDS 7.31, 9.21, XPS 8.30	Solaris 7 (64-bit)	<i>informix/solaris_64/</i>
		IDS 7.31, XPS 8.30	Solaris 8 (64-bit)	
		IDS 7.31, XPS 8.30	HP Tru64 4.0F	<i>informix/tru64/</i>
		IDS 7.30, 7.31, 9.21, XPS 8.30	HP Tru64 5.0A, 5.1	
		IDS 7.30, 7.31, 9.20, 9.21	Windows NT 4.0	<i>informix\i386\networkr\</i>
		IDS 9.21	Windows 2000	
Legato NetWorker Module for Lotus	2.2	Lotus Domino Server (DS) DS 5.0.3, 5.0.4, 5.0.6, 5.0.7, 5.0.8, 5.0.9, 5.10, 5.11, 5.12, 6.0.1	AIX 4.3.1, 4.3.2s, 4.3.3, 5L V5.1	<i>lotus/2.2/aix/</i>
		Lotus Domino Server (DS) 5.0.3, 5.0.4, 5.0.6, 5.0.7, 5.0.8, 5.0.9, 5.10, 5.11, 5.12, 6.0.1	Linux: Red Hat 6.1, 6.2, 7.1, 7.2 Red Hat Advanced Server, SuSE 6.4, 7.2 SuSE Enterprise Server 7	<i>lotus/2.2/linux86/</i>
		Lotus Domino Server (DS) DS 5.0.3, 5.0.4, 5.0.6, 5.0.7, 5.0.8, 5.0.9, 5.10, 5.11, 5.12, 6.0.1	Solaris 7, 8 (32-bit)	<i>lotus/2.2/solaris/</i>
		Lotus Domino Server (DS) DS 5.0.3, 5.0.4, 5.0.6, 5.0.7, 5.0.8, 5.0.9, 5.10, 6.0.1	Windows NT 4.0 Windows 2000	<i>lotus\2.2\i386\</i>

TABLE 2-3 NetWorker Modules CD-ROM (Continued)

Module	Release	Business Application Releases	Operating System Releases	Location of Installation Binary
Legato NetWorker Module for Microsoft Exchange Server	NEW: 4.0.2	Microsoft Exchange 2000 Server,	Windows 2000, Windows 2003	MSEXCHNG\4.0.2\NETWORKR\
	3.1	Microsoft Exchange 2000 Enterprise Server Microsoft Exchange 2003 Standard Edition, Microsoft Exchange 2003 Enterprise Edition	Windows 2000, Windows 2003	MSEXCHNG\3.1\NETWORKR\
	NEW: 2.0-006	Microsoft Exchange Server 5.0, 5.5	Windows NT 4.0 (Intel) Windows 2000	MSEXCHNG\2.0-006\I386\NETWORKR\
Legato NetWorker Module for Microsoft SQL Server	NEW: 4.0.1	Microsoft SQL Server 7.0 and SQL Server 2000 (32- and 64-bit)	Windows NT 4.0 (Intel) Windows 2000 Windows 2003	MSSQLSVR\4.0.1\win_x86\ MSSQLSVR\4.0.1\win_ia64\
	3.1.1	Microsoft SQL Server 7.0, and SQL Server 2000 (64-bit Edition)	Windows NT 4.0 (Intel) Windows 2000 Windows 2003	MSSQLSVR\3.1.1\NETWORKR\
PowerSnap™ Module for Sun StorEdge Availability Suite	1.0	Sun StorEdge Availability Suite 3.1	Solaris 7, 8, and 9 (32-bit)	powersnap/solaris_32/
Legato NetWorker Module for Oracle AT Edition	3.2	Oracle 8, 8i, 9i	Solaris 7, 8	Netapp/oracle/solaris/
Legato NetWorker PowerSnap Module for Oracle	3.2	Oracle 8, 8i, 9i	Solaris 7, 8	Netapp/oracle/solaris/

TABLE 2-3 NetWorker Modules CD-ROM (Continued)

Module	Release	Business Application Releases	Operating System Releases	Location of Installation Binary
Legato NetWorker PowerSnap Module	NEW: 2.0.1	SYMMAPI 5.2, 5.3.1 for HP-UX, SYMMAPI 5.3.1 for AIX, Oracle 8.1.6 (8i), 8.1.7 (8i), 9.0.1 (9i), 9.2 (9i R2), 10g, Br*Tools 4.0B - 4.6, Br*Tools 6.10, 6.20	HP-UX 11i 64-bit	<i>powersnap/hpux_64</i>
			AIX 5.2 64-bit	<i>powersnap/aix_64</i>
	1.0	Oracle 8.1.6 (8i), 8.1.7 (8i), 9.0.1 (9i), 9.2 (9i R2), 10g, Br*Tools 4.0B - 4.6, Br*Tools 6.10, 6.20	Solaris 2.7, 8, 9 (32-bit)	<i>powersnap/solaris_32/LGTOpsag</i> <i>powersnap/solaris_32/LGTOpseg</i> <i>powersnap/solaris_32/LGTOpssc</i>
			SQL Server 2000, Exchange 2000 Server, Exchange 2000 Enterprise Server	<i>powersnap/win_x86/setup.exe</i>
Legato NetWorker Module for Oracle	4.1	Oracle 8.1.6 (8i), 8.1.7 (8i)	HP-UX 11.0 (32-bit)	<i>oracle/hpux11_32/</i>
			HP-UX 11.11 (11i) (32-bit)	
		Oracle 8.1.6 (8i), 8.1.7 (8i), 9.0.1 (9i), 9.2 (9i R2)	HP-UX 11.0 (64-bit)	<i>oracle/hpux11_64/</i>
			HP-UX 11i (64-bit Itanium)	<i>oracle/hpux11_ia64/</i>
		Oracle 8.1.6 (8i), 8.1.7 (8i), 9.0.1 (9i), 9.2 (9i R2)	Solaris 2.6, 2.7 Solaris 8 (32-bit) Solaris 9 (32-bit)	<i>oracle/solaris_32/</i>
			Solaris 2.7 Solaris 8 (64-bit) Solaris 9 (64-bit)	<i>oracle/solaris_64/</i>
		Oracle 8.1.6 (8i), 8.1.7 (8i)	AIX 4.3.2, 4.3.3, 5.1, 5.2 (32-bit)	<i>oracle/aix_32/</i>
			AIX 4.3.2, 4.3.3 (64-bit)	<i>oracle/aix_64/</i>
		Oracle 8.1.6 (8i), 8.1.7 (8i), 9.0.1 (9i), 9.2 (9i R2)	AIX 5.1, 5.2 (64-bit)	<i>oracle/aix5L_64/</i>

TABLE 2-3 NetWorker Modules CD-ROM *(Continued)*

Module	Release	Business Application Releases	Operating System Releases	Location of Installation Binary
Legato NetWorker Module for Oracle (continued)	4.1 (cont'd)	Oracle 8.1.6 (8i), 8.1.7 (8i), 9.0.1 (9i), 9.2 (9i R2)	Linux: Caldera 2.3, 2.4, 8 TurboLinux 6.0, 6.0.5 SuSE 7.1, 7.2 Red Hat 7.0, 7.1 Red Hat AS 2.1	<i>oracle/linux_x86/</i>
		Oracle 9.2 (9i R2)	Red Hat AS 2.1 SuSE ES 7, 8 (64-bit Itanium)	<i>oracle/linux_ia64/</i>
		Oracle 8.1.6 (8i), 8.1.7 (8i), 9.0.1 (9i), 9.2 (9i R2)	Tru64 5.0, 5.0a, 5.1, 5.1a	<i>oracle/tru64/</i>
		Oracle 8.1.6 (8i), 8.1.7 (8i), 9.0.1 (9i), 9.2 (9i R2)	Windows NT, Windows 2000, Windows 2003 (32-bit)	<i>oracle\win_x86\</i>
		Oracle 9.2 (9i R2)	Windows 2003 (64-bit Itanium)	<i>oracle\win_ia64\</i>

TABLE 2-3 NetWorker Modules CD-ROM (Continued)

Module	Release	Business Application Releases	Operating System Releases	Location of Installation Binary
Legato NetWorker Module for SAP R/3 and SAP Web AS (UNIX and Microsoft Windows) on Oracle (NMSAP)	NEW: 3.0	Br*Tools 4.0B – 4.6, Br*Tools 6.10, 6.20	AIX v4.3.3, v5.1, v5.2 (32- and 64-bit)	SAPR3/3.0/aix SAPR3/3.0/RMAN/aix_32 SAPR3/3.0/RMAN/aix_64
		Br*Tools 4.0B – 4.6, Br*Tools 6.10, 6.20	Tru64 UNIX 4.0F, 4.0G, 5.0A, 5.1, 5.1A, 5.1B	SAPR3/3.0/tru64 SAPR3/3.0/RMAN/tru64
		Br*Tools 4.0B – 4.6, Br*Tools 6.10, 6.20	HP-UX 11.0, 11i	SAPR3/3.0/hpux11 SAPR3/3.0/RMAN/hpux11_32 SAPR3/3.0/RMAN/hpux11_64
		Br*Tools 6.20	HP-UX 11i (64-bit Itanium)	SAPR3/3.0/hpux11_ia64 SAPR3/3.0/RMAN/hpux11_ia64
		Br*Tools 4.0B – 4.6, Br*Tools 6.10, 6.20	Red Hat 6.1, 6.2, 7.1, 7.2, Adv Server 2.1 SuSE 7.2, 7.3, Enterprise Server 7	SAPR3/3.0/linux_x86 SAPR3/3.0/RMAN/linux_x86
		Br*Tools 4.0B – 4.6, Br*Tools 6.10, 6.20	Solaris 2.6, 7, 8, 9	SAPR3/3.0/solaris SAPR3/3.0/RMAN/solaris_32 SAPR3/3.0/RMAN/solaris_64
		Br*Tools 4.5 – 4.6, Br*Tools 6.10, 6.20	Windows 2000 (SP2 or later) Windows Server 2003 (32-bit)	SAPR3\3.0\win_x86 SAPR3\3.0\RMAN\win_x86
		Br*Tools 6.20	Windows Server 2003 (64-bit)	SAPR3\3.0\win_ia64 SAPR3\3.0\RMAN\win_ia64

TABLE 2-3 NetWorker Modules CD-ROM *(Continued)*

Module	Release	Business Application Releases	Operating System Releases	Location of Installation Binary
Legato NetWorker Module for Sybase	NEW: 2.5	Sybase ASE 12.0, 12.5, 12.5.0.x	AIX 4.3.2 (32- and 64-bit)	<i>SYBASE/SYB2_5/aix/</i>
			HP-UX 11.0 (32- and 64-bit)	<i>SYBASE/SYB2_5/hpux/</i>
			Solaris 2.6, 7 (32- and 64-bit)	<i>SYBASE/SYB2_5/solaris</i>
	2.0	Sybase ASE 12.0	Windows NT 4.0 (Intel) (SP 4 or later)	<i>SYBASE\SYB2_0\i386\networkr\</i>
	1.1	Sybase SQL Server 11.x and Sybase ASE 11.x	Windows NT 4.0 (Intel) (SP 4 or later)	<i>SYBASE\SYB1_X\i386\networkr\</i>
	1.0	Sybase SQL Server 11.x and Sybase ASE 11.x	AIX 4.1.4, 4.1.4.1, 4.1.5, 4.2, 4.3.2 (32- and 64-bit)	<i>SYBASE/SYB1_X/AIX/</i>
			HP-UX 10.20, 10.30, 11.0 (32- and 64-bit)	<i>SYBASE/SYB1_X/HPUX/</i>
			Solaris 2.3, 2.4, 2.5, 2.5.1, 2.6, 7 (32- and 64-bit)	<i>SYBASE/SYB1_X/SOLARIS/</i>

Table of Product Documentation

Note – Sun StorEdge Enterprise Backup Software documentation is found on the Sun StorEdge EBS Servers, Clients, and Storage Nodes CD-ROM, Volume 1, in the */ebsdocs* directory.

The Documentation Suite CD-ROM contains current Legato documentation. In addition to the Documentation Suite CD-ROM, Legato also offers an extensive archive of product documentation at its web site at www.legato.com.

The Documentation Suite CD-ROM may contain some documentation for products that are not supported by Sun and not included on your Sun StorEdge EBS Media Kit CD-ROMs. However, all of the products documented in TABLE 3-1 are compatible with Sun StorEdge EBS. To purchase products not supported by Sun, contact Legato Systems, Inc., at sun@legato.com.

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

Documentation Suite CD-ROM

Note – For documentation on the Sun StorEdge Enterprise Backup Software for UNIX, see the */ebdocs* directory on the Sun StorEdge EBS Servers, Clients, and Storage Nodes CD-ROM Volume 1.

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

TABLE 3-1 Documentation Suite CD-ROM

Application	Release	Document	Location of Electronic Documentation
NetWorker for UNIX Server, client, storage node for AIX, HP Tru64 UNIX, HP-UX, Linux, IRIX	7.2	NEW: Administrator's Guide	networker/unix/uxag_7.2.pdf
		NEW: Installation Guide AIX	networker/unix/aixig_7.2.pdf
		NEW: Installation Guide HP Tru64 UNIX	networker/unix/tru64ig_7.2.pdf
		NEW: Installation Guide HP-UX	networker/unix/hpuxig_7.2.pdf
		NEW: Installation Guide IRIX	networker/unix/irixig_7.2.pdf
		NEW: Installation Guide Linux	networker/unix/linuxig_7.2.pdf
		NEW: Command Reference Guide	command_reference/command.pdf

TABLE 3-1 Documentation Suite CD-ROM (*Continued*)

Application	Release	Document	Location of Electronic Documentation
NetWorker for UNIX Server, client, storage node for AIX, HP Tru64 UNIX, HP-UX, Linux, IRIX (continued)	7.2	NEW: Command Reference Guide (printable version)	command_reference/ command_printable.pdf
		Command Reference Guide Usage Instructions	command_reference/readme.txt
		NEW: Performance Tuning Guide	networker/perftune_7.2.pdf
		NEW: Disaster Recovery Guide	networker/disrec_7.2.pdf
		NEW: Error Message Guide	networker/errormsg_7.2.pdf
		NEW: License Manager Guide	license_manager/licmgrag_3rd_ed.p df
		NEW: License Manager Release Supplement	license_manager/licmgrrs_1x.pdf
		Updated: Technical Bulletins	bulletins/index.html

TABLE 3-1 Documentation Suite CD-ROM (Continued)

Application	Release	Document	Location of Electronic Documentation
NetWorker for Windows NT 4.0 and Windows 2000 Server, client, storage node for Intel architecture	7.2	NEW: Installation Guide	networker/windows/winig_7.2.pdf
		NEW: Administrator's Guide	networker/windows/winag_7.2.pdf
		NEW: Command Reference Guide (searchable version)	command_reference/command.pdf
		NEW: Command Reference Guide (printable version)	command_reference/command_printable.pdf
		Command Reference Guide Usage Instructions	command_reference/readme.txt
		NEW: Performance Tuning Guide	networker/perftune_7.2.pdf
		NEW: Disaster Recovery Guide	networker/disrec_7.2.pdf
		NEW: Error Message Guide	networker/errormsg_7.2.pdf
		NEW: License Manager Guide	license_manager/licmgrag_3rd_ed.pdf
		NEW: License Manager Release Supplement	license_manager/licmgrrs_1x.pdf
		Updated: Technical Bulletins	bulletins/index.html
NetWorker for Mac OS	7.1	Mac OS X ver 10.2 and 10.3	networker/mac/cpmacig_7.1.pdf

TABLE 3-1 Documentation Suite CD-ROM (Continued)

Application	Release	Document	Location of Electronic Documentation
NetWorker for NetWare Server and client	4.2.2	NEW: Release Supplement	networker/netware/nwrs_4.2.2.pdf
	4.2/4.2.1	Installation Guide	networker/netware/nwig_4.2.pdf
		Administrator's Guide (Windows NT user interface)	networker/netware/ntnwag.pdf
		Administrator's Guide (NetWare user interface)	networker/netware/nwag_4.15.pdf
		Administrator's Guide (Windows 95 user interface)	networker/netware/win95ag.pdf
		Release Supplement	networker/netware/nwrs_4.2.pdf
		User's Guide (Windows Product Family)	networker/netware/winuser.pdf
		NEW: Disaster Recovery Guide	networker/disrec_7.2.pdf
		NEW: Error Message Guide	networker/errormsg_7.2.pdf
		Updated: Technical Bulletins	bulletins/index.html
NetWorker ClientPak® for NetWare	4.2/4.2.1	Installation Guide	networker/netware/cpnwig_4.2.pdf

TABLE 3-1 Documentation Suite CD-ROM (Continued)

Application	Release	Document	Location of Electronic Documentation
Legato NetWorker Module for DB2	1.6	NEW: Installation Guide	networker_modules/db2/nmdb2ig_1.6.pdf
		NEW: Administrator's Guide	networker_modules/db2/nmdb2ag_1.6.pdf
		NEW: Release Supplement	networker_modules/db2/nmdb2rs_1.6.pdf
	1.5.1	Release Supplement	networker_modules/db2/nmdb2rs_1.5.1.pdf
	1.5	Installation Guide	networker_modules/db2/nmdb2ig_1.5.pdf
		Administrator's Guide	networker_modules/db2/nmdb2ag_1.5.pdf
		Release Supplement	networker_modules/db2/nmdb2rs_1.5.pdf
Legato NetWorker Module for EMC Symmetrix for Oracle	1.5	Installation Guide	networker_modules/emc/oracle/emcuxig_1.5.pdf
		Administrator's Guide	networker_modules/emc/oracle/emcuxag_1.5.pdf
		Release Supplement	networker_modules/emc/oracle/emcuxrs_1.5.pdf
Legato NetWorker Module for EMC Symmetrix for SAP R/3 on Oracle	1.5	Installation Guide	networker_modules/emc/sap/emcsapig_1.5.pdf
		Administrator's Guide	networker_modules/emc/sap/emcsapag_1.5.pdf
		Release Supplement	networker_modules/emc/sap/emcsaprs_1.5.pdf
Centera Backup and Recovery Module	1.0	NEW: Installation and Administrator's Guide	networker_modules/emc/centera/cbrm_iag.pdf
		NEW: Release Supplement	networker_modules/emc/centera/cbrm_rs.pdf

TABLE 3-1 Documentation Suite CD-ROM (Continued)

Application	Release	Document	Location of Electronic Documentation
Legato NetWorker Module for Informix	2.2 / 2.1 / 2.0	Updated: Release Supplement	networker_modules/informix/nmirs_2.1.pdf
		Installation Guide	networker_modules/informix/nmiig_2.1.pdf
		Administrator's Guide	networker_modules/informix/nmiag_2.0.pdf
Legato NetWorker Module for Lotus	2.2	Installation Guide	networker_modules/lotus/2.2/nmlig.pdf
		Administrator's Guide	networker_modules/lotus/2.2/nmlag.pdf
		Release Supplement	networker_modules/lotus/2.2/nmlrs.pdf
Legato NetWorker Module for Microsoft Exchange Server	4.0.2	NEW: Release Supplement	networker_modules/msexchange/4.0/nmexcrs_4.0.2.pdf
	4.0	Installation Guide	networker_modules/msexchange/4.0/nmexcig_4.0.pdf
		Administrator's Guide	networker_modules/msexchange/4.0/nmexcag_4.0.pdf
		Release Supplement	networker_modules/msexchange/4.0/nmexcrs_4.0.pdf
	3.1	Installation Guide	networker_modules/msexchange/3.1/nmexcig_3.1.pdf
		Administrator's Guide	networker_modules/msexchange/3.1/nmexcag_3.1.pdf
		Release Supplement	networker_modules/msexchange/3.1/nmexcrs_3.1.pdf
	2.0-006	NEW: Release Supplement	networker_modules/msexchange/2.0/nmexcrs_2.0-006.pdf
	2.0	Installation Guide	networker_modules/msexchange/2.0/bmexcig.pdf
		Administrator's Guide	networker_modules/msexchange/2.0/bmexcag.pdf

TABLE 3-1 Documentation Suite CD-ROM (Continued)

Application	Release	Document	Location of Electronic Documentation
Legato NetWorker Module for Microsoft SQL Server	4.0.1	NEW: Release Supplement	networker_modules/mssql/4.0/nmsqlrs_4.0.1.pdf
	4.0	NEW: Installation Guide	networker_modules/mssql/4.0/nmsqlig_4.0.pdf
		NEW: Administrator's Guide	networker_modules/mssql/4.0/nmsqlag_4.0.pdf
		NEW: Release Supplement	networker_modules/mssql/4.0/nmsqlrs_4.0.pdf
	3.1.1	Release Supplement	networker_modules/mssql/3.1.1/nmsqlrs.pdf
	3.1	Installation Guide	networker_modules/mssql/3.1/nmsqlig.pdf
		Administrator's Guide	networker_modules/mssql/3.1/nmsqlag.pdf
		Release Supplement	networker_modules/mssql/3.1/nmsqlrs.pdf
PowerSnap™ Module for Sun StorEdge Availability Suite	1.0	Updated: Installation and Administrator's Guide	networker_modules/powersnap/sun_1.0/ps_sun_igag.pdf
		Updated: Release Supplement	networker_modules/powersnap/sun_1.0/ps_sun_rs.pdf
		NEW: Command Reference	networker_modules/powersnap/powersnap_command_ref.pdf
Legato NetWorker PowerSnap™ Module for Oracle AT Edition	3.2	Administrator's Guide	networker_modules/oracle/at_edition/nmoaeag_3.2.pdf
		Release Supplement	networker_modules/oracle/at_edition/nmoaers_3.2.pdf

TABLE 3-1 Documentation Suite CD-ROM (Continued)

Application	Release	Document	Location of Electronic Documentation
Legato NetWorker Module for Oracle	4.1	Installation Guide	networker_modules/oracle/nmoig_4.1.pdf
		Administrator's Guide	networker_modules/oracle/nmoag_4.1.pdf
		Updated: Release Supplement	networker_modules/oracle/nmors_4.1.pdf
		NEW: Command Reference	networker_modules/oracle/crg_nmo_4.1.pdf
Legato NetWorker Module for SAP R/3 and SAP Web AS (UNIX / Windows) on Oracle (NMSAP)	3.0	NEW: Installation Guide	networker_modules/sap/nmsapig_3.0.pdf
		NEW: Administrator's Guide	networker_modules/sap/nmsapag_3.0.pdf
		NEW: Release Supplement	networker_modules/sap/nmsaprs_3.0.pdf

TABLE 3-1 Documentation Suite CD-ROM *(Continued)*

Application	Release	Document	Location of Electronic Documentation
Legato NetWorker Module for Sybase	2.5	NEW: Installation Guide, UNIX Version	networker_modules/sybase/2.x/ nmsig_2.5.pdf
		NEW: Administrator's Guide, UNIX Version	networker_modules/sybase/2.x/ nmsag_2.5.pdf
		NEW: Release Supplement, UNIX Version	networker_modules/sybase/2.x/ nmsrs_2.5.pdf
	2.0, 1.1, 1.0	Installation Guide, Windows and UNIX	networker_modules/sybase/2.x/ nmsig.pdf
	2.0, 1.1	Administrator's Guide, Windows and UNIX	networker_modules/sybase/2.x/ nmsag.pdf
		Release Supplement, Windows and UNIX	networker_modules/sybase/2.x/ nmsrs.pdf
	1.0	Installation Guide, UNIX	networker_modules/sybase/1.0/ bmsyuxig.pdf
		Administrator's Guide, UNIX	networker_modules/sybase/1.0/ bmsyuxag.pdf
		Release Supplement, UNIX	networker_modules/sybase/1.0/ bmsyrs.pdf

TABLE 3-1 Documentation Suite CD-ROM (Continued)

Application	Release	Document	Location of Electronic Documentation
Adobe Acrobat Reader Installation binaries	4.0	Acrobat for AIX	viewers/acroread/aix
		Acrobat for HP Tru64 UNIX	viewers/acroread/tru64
		Acrobat for HP-UX	viewers/acroread/hpux
		Acrobat for IRIX	viewers/acroread/irix
		Acrobat for Linux	viewers/acroread/linux
		Acrobat for Macintosh	viewers/acroread/mac
		Acrobat for Solaris	viewers/acroread/solaris
		Acrobat for Windows 95, Windows 98, Windows NT, and Windows 2000	viewers/acroread/windows
	3.01	Acrobat for SunOS	viewers/acroread/sunos
	4.0, 3.01	Usage Instructions	viewers/acroread/readme_unix.txt viewers/acroread/readme_win.txt
GNU Ghostscript Installation binaries	4.03	Ghostscript for IBM (Sequent) DYNIX/ptx Usage Instructions	viewers/gsprint/readme_unix.txt viewers/gsprint/readme_win.txt

Installing and Registering Your Software

This section 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 34.
- Review your installation documentation. See “Viewing Documentation” on page 34.
- Install your software. See “To Install or Upgrade Your Software” on page 35.

Locating Your Software

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

Locating Your Installation Documentation

Sun StorEdge Enterprise Backup Software installation documentation is found on Volume 1 of the Sun StorEdge EBS Servers, Clients, and Storage Nodes CD-ROM, in the *ebdocs/* directory.

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

Viewing Documentation

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

- Adobe Acrobat files (.pdf)
- PostScript files (.ps)
- 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 on the Documentation Suite CD-ROM under */viewers/acroread*. 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 PostScript Files

To install the GNU Ghostscript software, refer to */viewers/gspaint/readme.txt* on the documentation CD-ROM for instructions. The GNU Ghostscript documentation provides information on how to print a PostScript (.ps) file.

▼ 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 product CD-ROM that includes the software you want to install in your CD-ROM drive.
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 StorEdge Enterprise Backup Software 7.2 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 Suite CD-ROM, as well as on your product's online Help to learn about its features.

Enabling and Registering Sun StorEdge EBS and NetWorker Module Products

This section describes enabling and registering the Sun StorEdge EBS software specifically, and duplicates the enabling section of the *Sun StorEdge Enterprise Backup Software 7.2 Installation Guide* in the *ebsdocs/* directory of the Sun StorEdge EBS Servers, Clients, and Storage Nodes CD-ROM, Volume 1.

Note – Registering and enabling Sun StorEdge 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 StorEdge Enterprise Backup Software 7.2 Installation Guide* when registering and enabling Sun StorEdge 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 keys are needed to turn on the ability to use features of the software on the media kit software CD-ROMs. Each collection of Sun StorEdge 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 StorEdge EBS software is ordered and used *temporarily* for evaluation purposes:

- “Temporary Use with a Built-in Enabler Code” on page 37
- “Temporary Use With an Evaluation Enabler Code” on page 37

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

- “Permanent Use With a Purchased Enabler Code, Registration, and Authorization Key” on page 38

Temporary Use with a Built-in Enabler Code

You can install and use the Sun StorEdge 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)
- 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 4-1 on page 41.

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 37 and “Permanent Use With a Purchased Enabler Code, Registration, and Authorization Key” on page 38.

Temporary Use With an Evaluation Enabler Code

You can install the Sun StorEdge EBS software and any combination of evaluation enabler codes in Table 4-1 on page 41 to evaluate the Sun StorEdge EBS software for 45 days.

▼ To Enter the Evaluation Enabler Code

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

1. Obtain the appropriate enabler code for the type of Sun StorEdge EBS server and client configuration you are using.
For the appropriate enabler codes, see Table 4-1 on page 41.
2. Become superuser on the Sun StorEdge EBS main server or log in 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 Key” on page 38.

Permanent Use With a Purchased Enabler Code, Registration, and Authorization Key

You can purchase a license for the Sun StorEdge 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 StorEdge EBS software with the code supplied on the certificate, you must register the Sun StorEdge EBS software. Sun will then send you an authorization code, which you must enter in the Registration window of the Sun StorEdge 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 StorEdge EBS Software

1. Order licenses from Sun for the type of Sun StorEdge 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 StorEdge EBS main server or log in as a user with administrative rights.
3. Perform the following operations to enter the purchased enabler codes:
 - a. If you have been evaluating the Sun StorEdge 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:

```
# nsrkap -v -u base_enabler_code
```

- ii. Delete any remaining evaluation enablers via the Sun StorEdge EBS Administrator program (`nwadmin`). 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:

```
# nsrkap -v -c enabler_code
```

4. Start the Sun StorEdge EBS Administrator program:

```
# nwadmin &
```

5. Select View>Tabular.

6. Select Server>Registration.

The Registration window lists all enabled modules by name, serial number, hostid, the expiration date, and the enabler's authorization key. If an enabler is authorized, no expiration date is shown. If an enabler is not authorized, no authorization key is shown.

7. Enter the required information in the fields for the following:
 - Name
 - Company

- Address
- Phone number
- Email
- Date purchased

8. With the registration information from Step 6 available, call the license center. 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 keys.

The authorizations keys are returned within two days by the same method you use to request them.



Caution – If you do not enter an authorization key 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 StorEdge EBS servers and clients:

1. Apply for the authorization key from the Sun license center, as described in “To Enable and Register the Sun StorEdge EBS Software” on page 39.

When the authorization keys arrive, proceed to Step 2.

2. Become superuser on the Sun StorEdge EBS main server or log in as a user with administrative rights.
3. Start the Sun StorEdge EBS Administrator program:

```
# nwadmin&
```

4. Select Server>Registration.
5. Enter each authorization key into the Authorization Key field for the corresponding enabler.

For example, if you have enabled and obtained the authorization key for the Autochanger Software Module, enter the authorization key into the entry for the Autochanger Software Module enabler.

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 StorEdge EBS software and are installing this release as an update, you received the update enabler code on the Enabler Certificate. 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 – Updating from Sun StorEdge EBS 7.0 or 7.1 to release 7.2 does not require and Update Enabler code.

45-Day Evaluation Enabler Codes

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

TABLE 4-1 Evaluation Enabler Codes

Product	Description	45-Day Evaluation Enabler Code
Server Editions	Sun StorEdge EBS Workgroup Edition	3130b3-f0cd64-a3017b
	Sun StorEdge EBS Business Edition - Solaris	d92e5b-862501-1f15a3
	Sun StorEdge EBS Network Edition	4ac9cc-07b696-cb5510
	Linux Sun StorEdge EBS Business Edition Sun StorEdge EBS Workgroup Edition Sun StorEdge EBS Network Edition Sun StorEdge EBS Power Edition	fc097e-a5f85e-c23846 7f8201-4a7b73-db30c5 19189b-d6e5c7-395e63 2c35ae-e5c8ea-fc5476
	Sun StorEdge EBS 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.	130c95-dcef47-f85059

TABLE 4-1 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 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 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
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

TABLE 4-1 Evaluation Enabler Codes (Continued)

Product	Description	45-Day Evaluation Enabler Code
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	Legato NetWorker ClientPak for UNIX	63e0e5-309fbf-13e529
	Legato NetWorker ClientPak for NetWare	5fe4e1-3a9bb3-dc8e25
	Legato NetWorker ClientPak for Microsoft Windows NT and Windows 2000	939015-4f6fc1-295ed9
	Legato NetWorker ClientPak for Linux	f67378-9f0226-6818bc d25754-b32e0a-794f98
	Legato 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	030efa-39ffff-a71149
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 4-1 Evaluation Enabler Codes (Continued)

Product	Description	45-Day Evaluation Enabler Code
Enterprise Application Modules	NetWorker Module for Informix, UNIX client	cc494e-872811-52f796
	NetWorker Module for Informix, Linux client	6eebf0-398aad-48f634
	NetWorker Module for DB2, UNIX client	e66368-b5122b-6f58ac
	NetWorker Module for DB2, Linux client	989d1a-4764c2-8cf5e2
	NetWorker Module for Lotus Notes, UNIX client	f27774-b90e2e-8074b8
	NetWorker Module for Lotus Notes, Microsoft Windows client, tier 4	3722b9-f6c36a-76c97d
	NetWorker Module 3.x for Oracle, UNIX client	0d0a8f-f3e948-3d0c57
	NetWorker Module 3.x for Oracle, Linux client	c25944-af3e1a-648088
	NetWorker Module 3.x for Oracle, Microsoft Windows client, Tier 4	3229b4-d6ce68-2abf78
	NetWorker Module 2.x for Oracle, UNIX client	2623a8-efd278-f9c46c
	NetWorker Module 2.x for Oracle, Microsoft Windows client	a2b924-635ef1-d903e8
	NetWorker Module for Microsoft Exchange Server Tier 4	88930a-4074d2-8917d2
	NetWorker Module for Microsoft SQL Server Tier 4	98831a-5264c2-9ac5e2
	NetWorker Module for SAP/R3 on Oracle, UNIX and Linux client	79fefb-3385a4-050bc3
	NetWorker Module for Sybase, UNIX client	b4b136-7040e0-cf78fe
	NetWorker PowerSnap Module for Sun StorEdge Availability Suite, NetWorker PowerSnap Module 1 TB Capacity	QL31T269-19TQRK8E-1MLE7DJM 3722B9-B3C34E-19EE7D