



INTEGRATION BRIEF

Integrating NEO[®] Tape Libraries and with Veritas[™] Backup Exec 20

VERITAS

Backup Exec 20 from Veritas supports many Overland-Tandberg tape libraries including NEOs StorageLoader (1U), NEOs T24 (2U), NEOxI 40 (3U), and NEOxI 80 (6U).

This guide explains how to:

- Configure a NEOxI 80 to work with Backup Exec 20. The process is the same for the other supported NEO tape libraries.
- Configure tape drive encryption.

Integrate NEOxI 80 with Backup Exec 20





 If needed, you can change the block size and compression properties of the library and tape drives.

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4. Before running a Backup Exec backup, it may be necessary to **inventory** all the tapes and **erase** them.

- Backup Definition Properties × SD32127W16 Backup to LTO8 Encryption Name: Description: Image: SD32127W16 Reckup Partially selected 😊 Full () • 🔛 E: Job name: SD32127W16 Backup to LTO8 Encryption-Full Not selected (2) 🖳 C: Schedule: Unscheduled 🔛 D: Storage: Tape drive 0002 Microsoft SQL Server Instances 🐴 System State Media Set: Keep Data for 4 Weeks Add Stage 🔻 Edit Test/Edit Credentials Edit Help Cancel OK
- 5. Create a Backup Exec backup policy to **tape**.

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dvanced Open File	Media set:	Keep Data for 4 Weeks		• 🏷
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Pre/Post Commands		Overwrite media		
iles and Folders		 Append to media, overwrite if no appendable media is available Append to media, terminate job if no appendable media is available 		
		Eject the media after the job completes Use Write once, read many (WORM) media		
	Export medi	a after job completes:		
	Export media	to vault:	* No	otification
	Compression:	Hardware (if available, otherwise none)		
	Encryption type:	Hardware v		
	Encryption key:	LTO8Encryption V Add Keys		



7. From the **Jobs** drop-down menu, select **Run Now**.





The backup job can be **monitored** from either Backup Exec or the Remote Management Interface.



Backup Exec 20 Encryption

Backup Exec supports Encryption type Hardware. NEO support LTO-5 and higher generation tape drives which supports T10 encryption standards. Backup Exec manages the encryption keys that are used to access the encrypted data on tape. Use the following procedure to configure it.

0	Settings
Preferences Alerts Backups	Network Network interface: Use any available network interface
Job Status and Recovery Job Logs Catalog Database Maintenance and Security Reports Logon Accounts Discover Data to Back Up	Protocol: Use any available protocol Allow use of any available network interface, subnet, or protocol for Backup Exec agents not bound to the above network interface, subnet, or protocol Enable selection of user shares Enable TCP dynamic port range 1025 + 65535 Custom port number (Oracle only)
Veritas Update Network and Security Simplified Disaster Recovery Storage Cloud Storage Barcode Rules	Use a custom port to receive operation requests from the Oracle server: 5633 Data encryption Use FIPS 140-2 compliant software encryption Whenever you check or uncheck the option to use FIPS 140-2 compliant software encryption, you must restart the Backup Exec services for the change to take effect. Manage encryption keys used by jobs Manage Keys
Granular Recovery Technology Virtual Machines Oracle DBA-initiated Job Settings Veritas Information Map	
Help	OK Cancel

- 1. Go to **Configuration and Settings**.
- 2. Select Backup Exec Settings.
- 3. Select **Network and Security** on the left side.
- 4. Click Manage Keys.

- 5. In the Encryption Key Management window, click New.
- 6. In the Add Encryption Key window:
 - a. Enter a Key Name.
 - b. Select **256-bit AES** as the Encryption Type.
 - c. Provide a **Pass Phrase** and confirm.
 - d. Click OK.

	Add Encryption Rey	_
Key name:		
LTO8Encry	ot	
Encryption ty	rpe:	
256-bit AES		•
Note: Th 16 chara	e pass phrase must be at least 8 characters for 128-bit encryption, and at lea cters for 256-bit encryption.	st
Pass phrase:		
	•••••	
Confirm pass	s phrase:	
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Encryption	key type	
Create end	ryption key with the following access:	
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Data ti of Bac	nat is encrypted with this key can be restored by all users of this installation kup Exec	
Restri	cted	
Data the key	nat is encrypted with this key can be restored only by the user who created y, or by other Backup Exec users who know the pass phrase for the key	
If an e pass p	ncryption key used in a backup is no longer available, you must provide the hrase during restore. Without the pass phrase, the data cannot be accessed	
Help	OK Cancel	





	Backup Options	_ _ ×
Schedule Storage	Options for all backup jobs in this backup definition: Priority: Medium	
Notification Test Run Verify	Storage: Robotic library 0001 (27.2 TB free)	.
Advanced Open File Advanced Disk-based Backup Pre/Post Commands Files and Folders	Media set: Image: Set	•
	Use Write once, read many (WORM) media Export media after job completes: Export media to vault None Compression: Hardware (if available, otherwise none) Fncryption type: Hardware Encryption type: LTOSEncrypt Add Keys	* Notification
Help	0	Cancel

- 7. In the backup job, select **Backup Options**.
- 8. Select Storage on the left side.
- 9. Use the Encryption Key dropdown menu to select the **key** you just created.
- 10. Click OK.

Sales and support for Overland-Tandberg products and solutions are available in over 90 countries. Contact us today at sales@overlandstorage.com or sales@tandbergdata.com

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