

neo

Integrating NEO[®] Tape Libraries with Micro Focus Data Protector 10



INTEGRATION BRIEF

Micro Focus Data Protector 10.4 (formerly from HP) 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 40 to work with Data Protector in a Windows-centric environment. How to configure tape drive encryption is also covered. These processes are the same for the other supported NEO tape libraries (NEO StorageLoader, NEOs T24, and NEOxI 80).

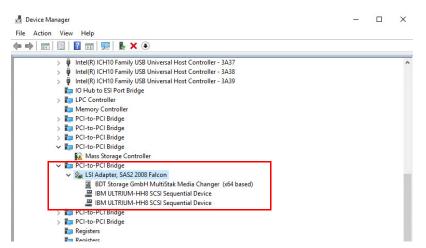






Integrate NEOxI 40 with Data Protector 10.4

1. Open Windows Device Manager and verify all devices are displayed.



In this example, a NEOxI 40 and two LTO-8 drives are shown. The NEO and IBM tape device drivers must be installed for the Medium Changer and Tape Drives in order for Data Protector to use it.

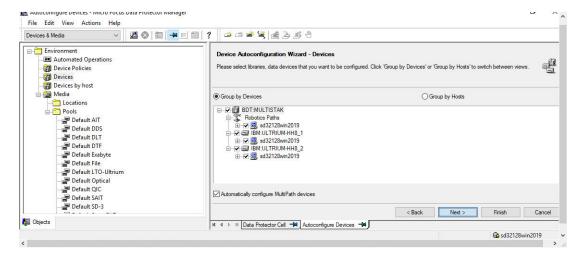




- 2. In Data Protector Manager navigate to Devices & Media.
 - a. Right-click Devices by host and select Autoconfigure Devices.

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b. Once the discovery process completes, use the Device Autoconfiguration Wizard verify the NEO and its tape drives are discovered by enabling the check boxes next to each of the NEO devices, and then click **Next**.



c. Once the NEO is configured, browse its tape drives and configure additional parameters for each of them by selecting the **Settings** tab and then clicking **Advanced**.

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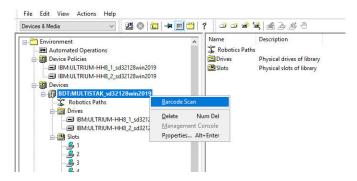




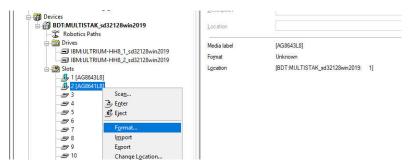
d. In the **Advanced Options** pop-up window, add a check to each of the parameters as shown, and click **OK**. Repeat these steps for each tape drives in the NEO.

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Default LTO-Ultrium	니니 Specify concurrency and options for device. Concurrency 응 및 Concurrency specifies a number of Disk Agents writing to the device	
Disable device Advanced	Concurrency specifies a number of Disk Agents writing to the device in parallel.	
	Options Elect media after session CRC Check	
	 ☑ Rescan ☑ Detect dirty drive ☑ Drive-based encryption 	
	SCSI Reserve/Release (drive) Use direct library access	

e. Right-click the NEO and select **Barcode Scan**.



f. Right-click each of the media discovered, and choose Format to overwrite any content.



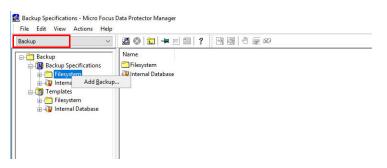




g. Check the Force Operation option, and then click Finish to complete the format.

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- 3. Use the following steps to configure a backup job.
 - a. Choose Backup from the drop-down menu at the top.
 - b. Under Backup Specifications, right-click Filesystem and select Add Backup.



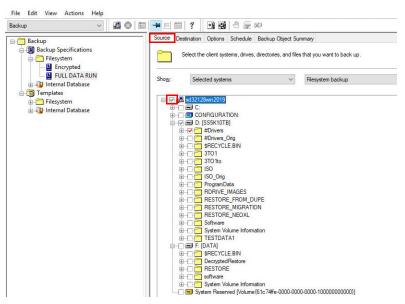
c. Select the type of backup you want (for our example, it is a FULL DATA backup).

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d. Under the **Source** tab, check the box for **backup**.



e. Under the Destination tab, add a check to the NEO box, and click Next.

File Edit View Actions Help Backup	? 🔄 🖼 👌 💭 🕫
	Select the devices or drives to be used for the backup. Show all devices Backup Bac

f. Click Save as, provide a new name for the job, and click OK.

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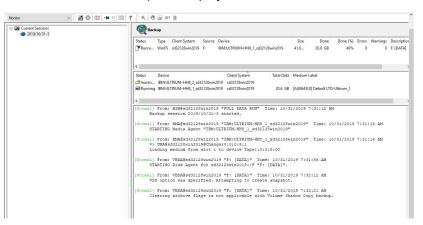




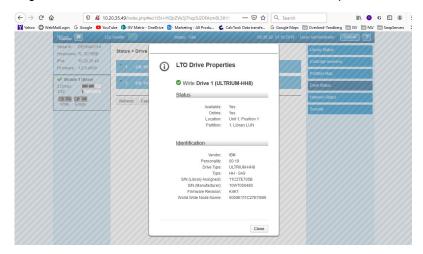
g. Right-click the new backup job and select Start Backup.

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h. Once the backup goes active, the monitor output is displayed.



The NEO Remote Management Interface can be used to monitor the active tape drives.



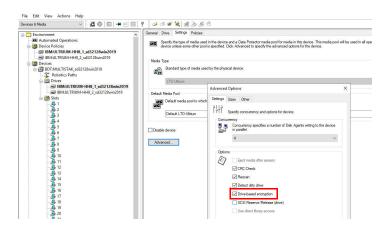




Data Protector 10.4 Encryption

Data Protector supports drive-based encryption. No passphrase is needed when configuring encryption. The encryption keys are handled in the Data Protector Keystore Cell Server which can be a different server than the Data Protector Server.

- 1. To configure Data Protector Drive-based Encryption, use the following steps.
 - a. Navigate to Device & Media > Tape Drive > Settings > Advanced Option and verify the Drive-based encryption is enabled.



b. Navigate to **Backup > Edit the backup policy** and, in the **Destination** tab, select a tape drive and click **Properties**.

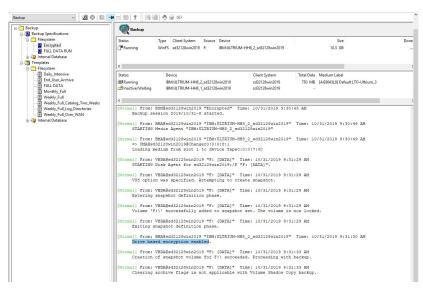
c. In the General tab that opens, enable the Drive-based encryption option.

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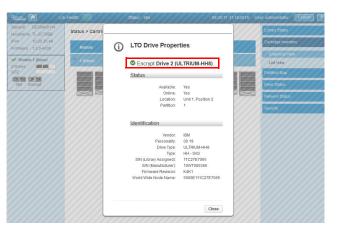




d. As the active encrypted backup runs, the Data Protector monitor shows in its active log that Drive-based encryption is enabled.



e. The NEO RMI also shows the status of Encrypt for the drive. Likewise the drive status shows Decrypt during a restore of an encrypted media.



Likewise, the drive status shows Decrypt during a restore of an encrypted media.

For more information on compatibility, please visit Overland-Tandberg website: https://www.tandbergdata.com/us/index.cfm/support/compatibility/

NEO Applications Team Overland-Tandberg

> Sales and support for Overland-Tandberg products and solutions are available in over 90 countries. Contact us today at sales@overlandtandberg.com. Visit OverlandTandberg.com.