

Restore a Volume in One Operation



for ShadowProtect

June 2017



CONTENTS

Start the ShadowProtect Recovery Environment (RE)	3
Restore from a network location	3
Configure the correct time zone	4
Initialize the disk for a virtual machine (VM)	5
Create a primary partition on the new drive	6
Configure space for the new partition	7
Run the Restore Wizard	11
Locate the desired backup(s) and log in	13
Finalize the volume	19
Specify restoration options	20
While restoration is underway	22
When restoration is complete	22
Run the Boot Configuration Utility (BCU)	23
Questions	24

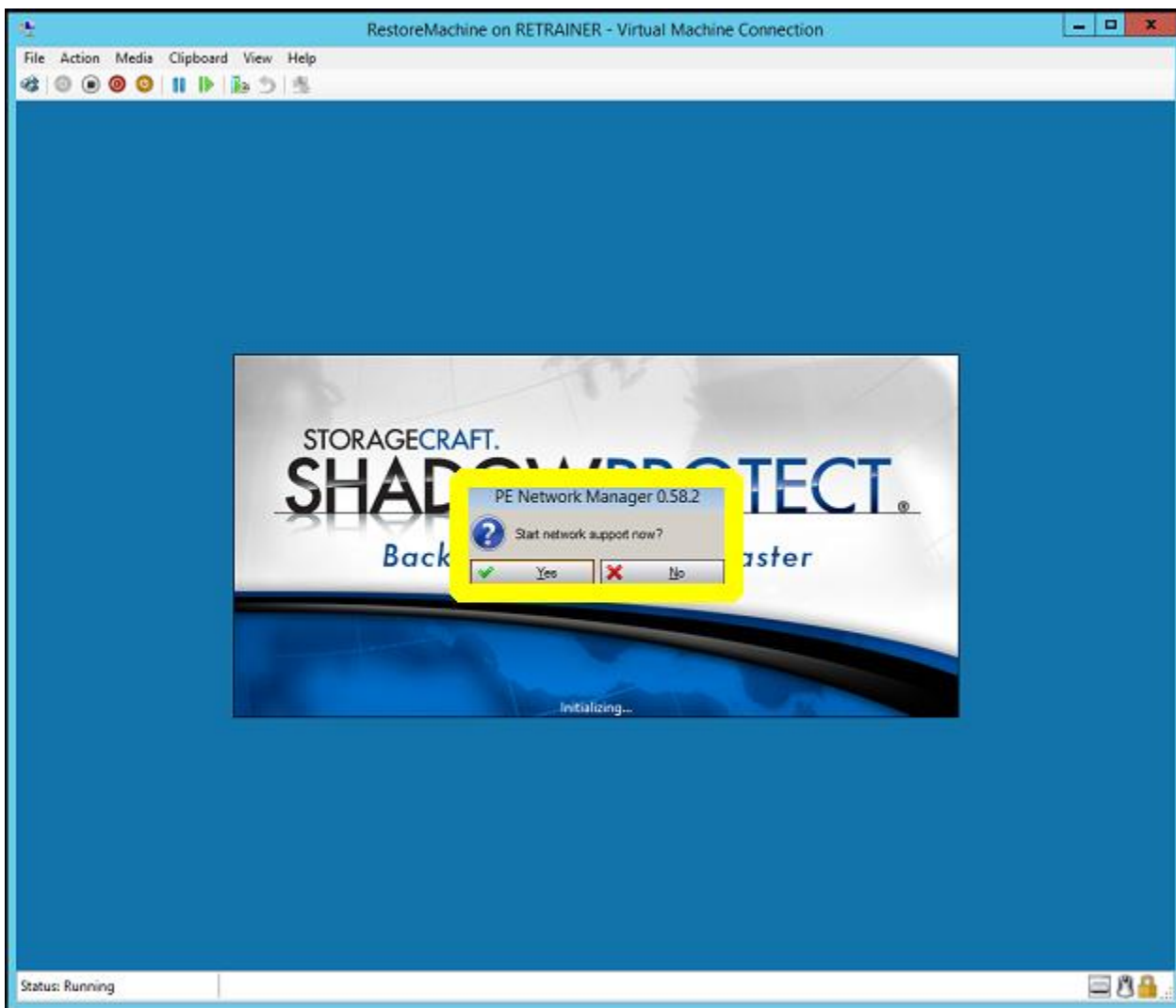
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START THE SHADOWPROTECT RECOVERY ENVIRONMENT (RE)

Restore from a network location

Use the **Network Support** feature within the ShadowProtect Recovery Environment (RE).
To use this feature:

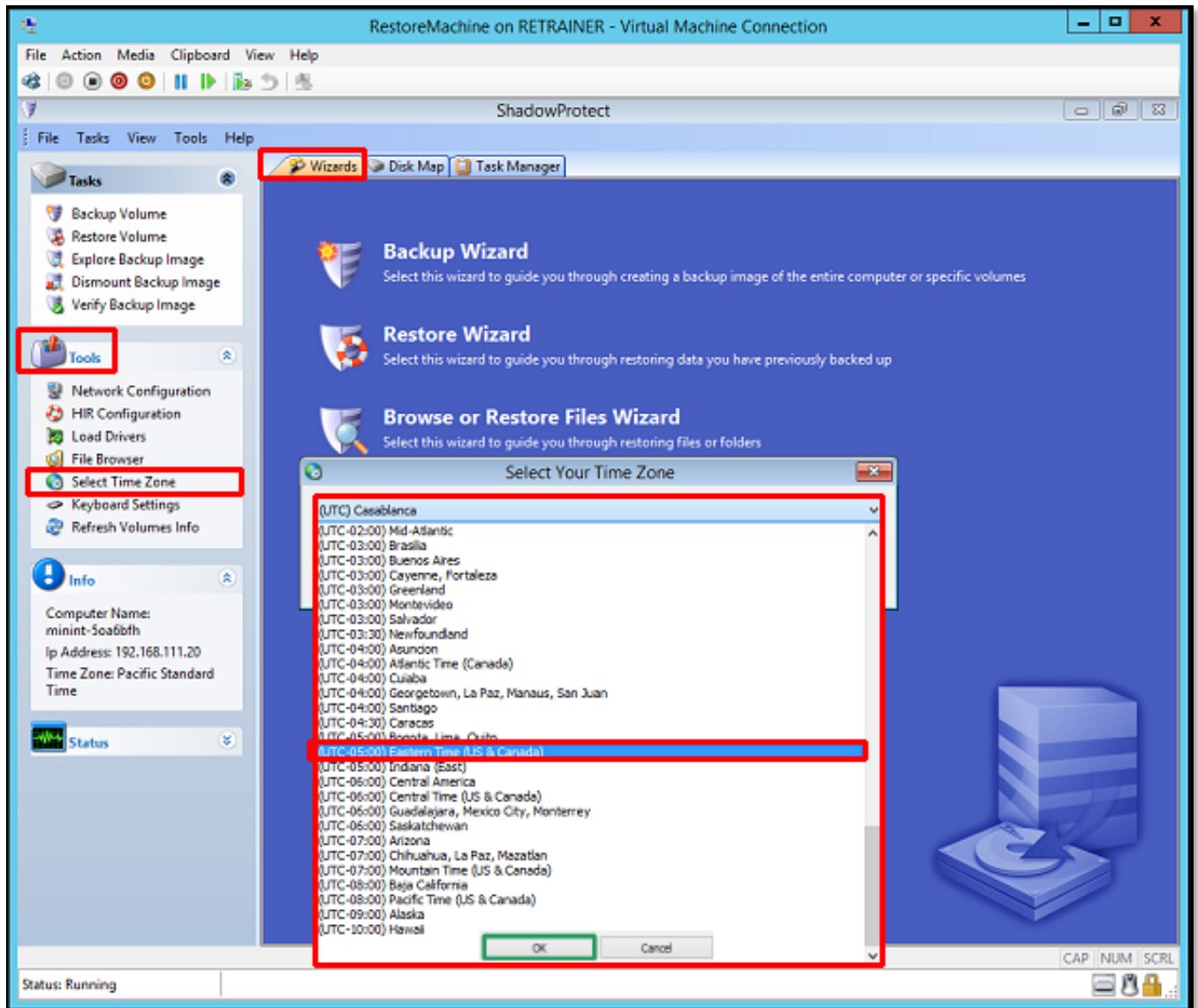
1. Start the RE by
 - a) Booting from a CD or
 - b) Booting from the ISO
2. When the **Start network support now?** prompt appears, select **Yes**:



Configure the correct time zone

NOTE: Selecting the correct time zone is particularly important when recovering a domain controller.

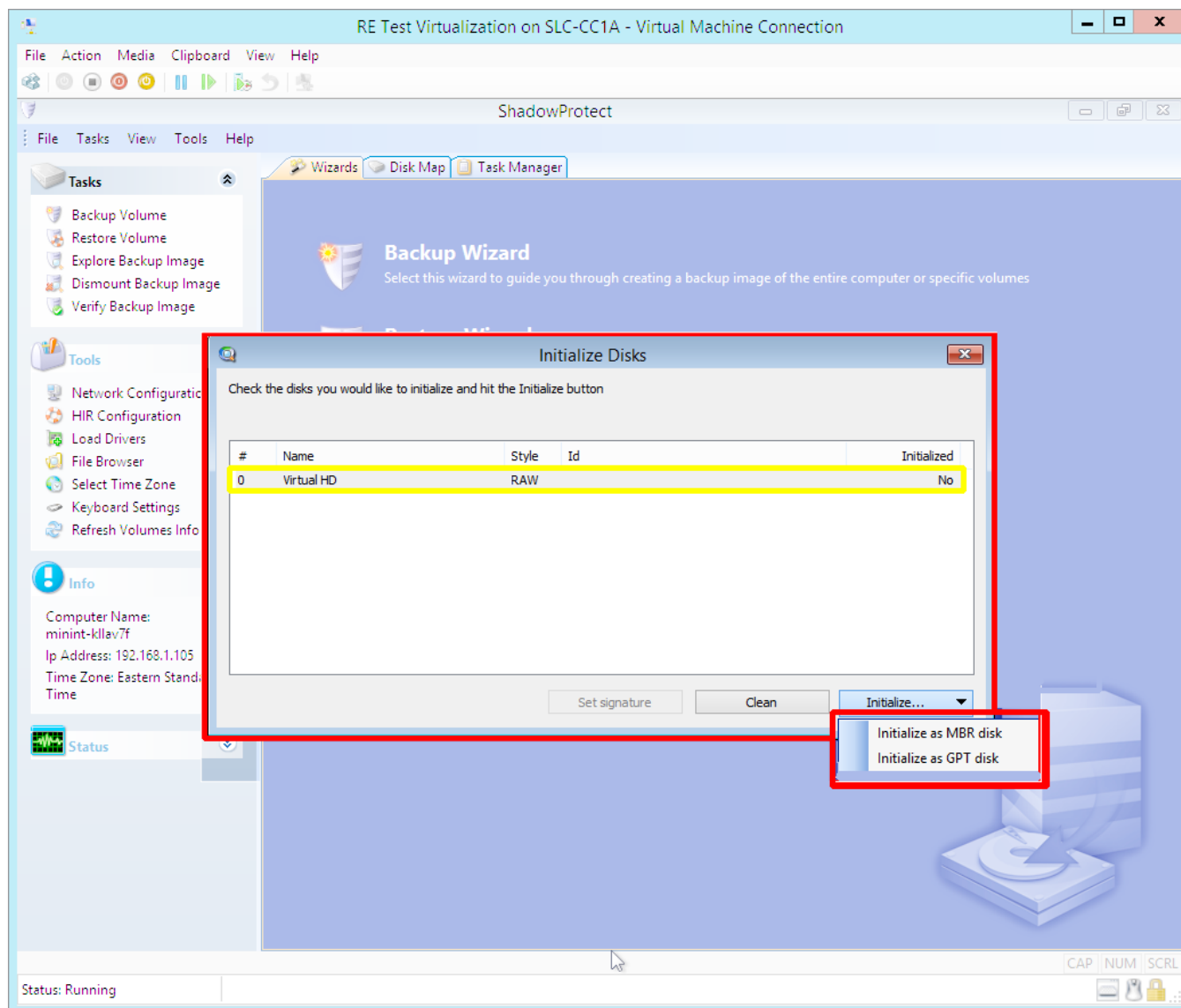
- a) Using the **Wizards** tab, locate the **Tools** menu and click **Select Time Zone**.
- b) Make your selection from the drop-down menu.
- c) Click OK when you are finished.



Initialize the disk for a virtual machine (VM)

The ShadowProtect RE should find the RAW drive and ask for initialization.

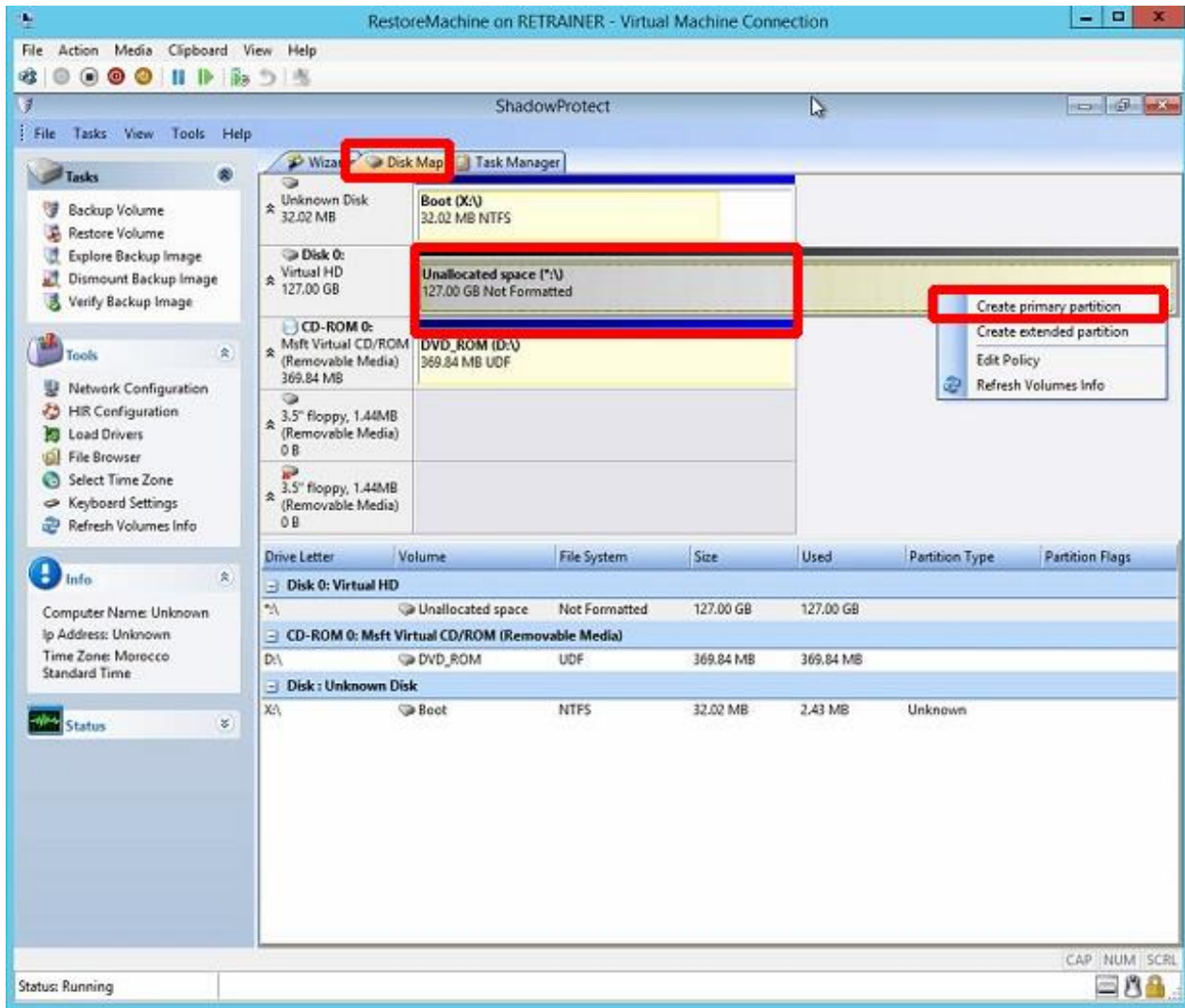
- a. Select the correct format (either MBR or GPT) from the dropdown menu.
- b. Click **Initialize...** to continue



NOTE: If the disk is not initialized and you want to add a new MBR partition, reboot the Recovery Environment to continue the restore. Windows cannot accurately read and refresh the new MBR partition information for this newly initialized drive **until after the reboot**.

CREATE A PRIMARY PARTITION ON THE NEW DRIVE

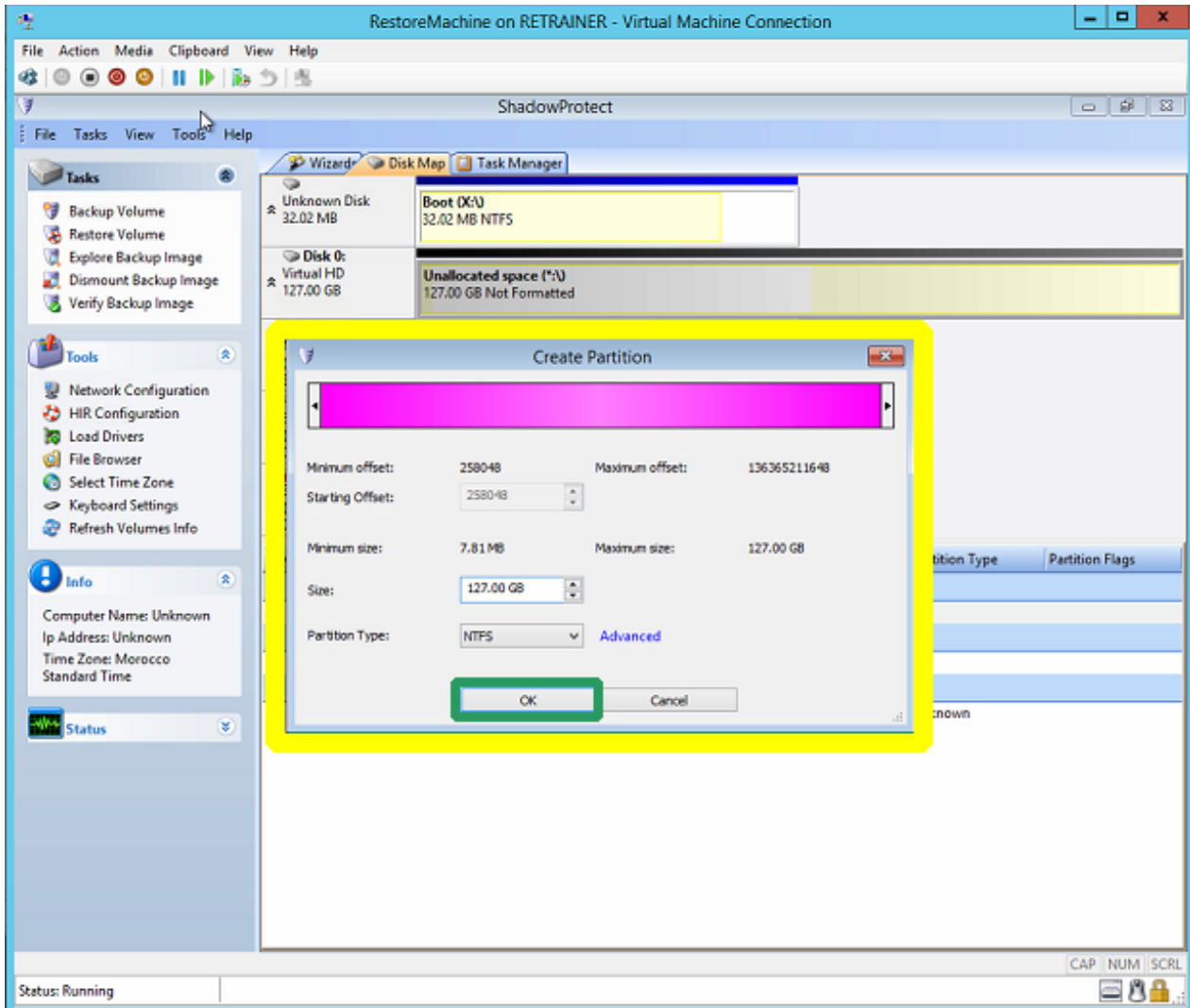
- a) Using the Disk Map tab, right click to highlight the desired selection.
- b) Select Create primary partition from the drop-down menu.



Configure space for the new partition

When the Create Partition screen appears, review the settings and click OK to continue.

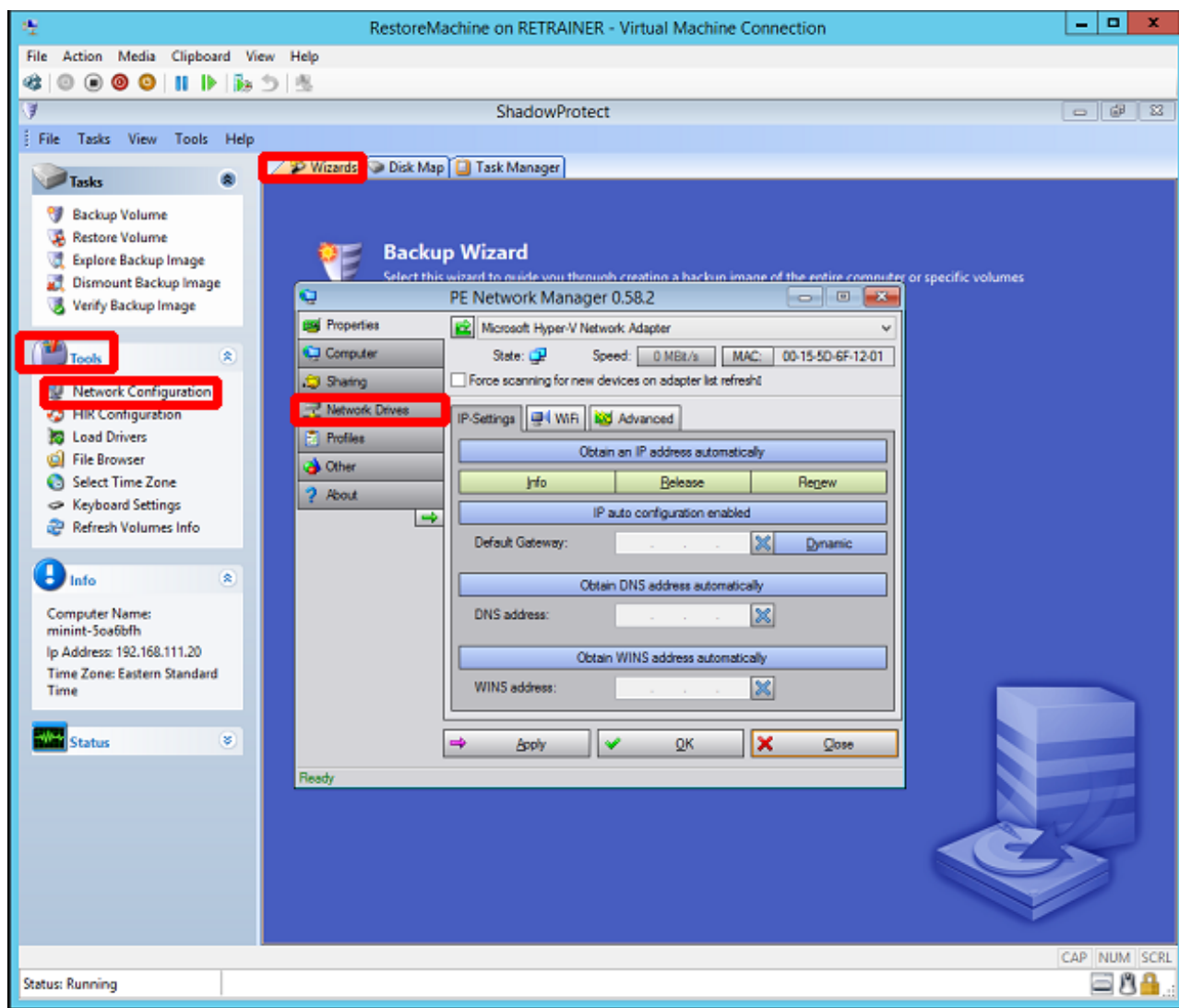
NOTE: The default setting for a new primary partition uses all available space on the new drive. Modify this default setting as needed.



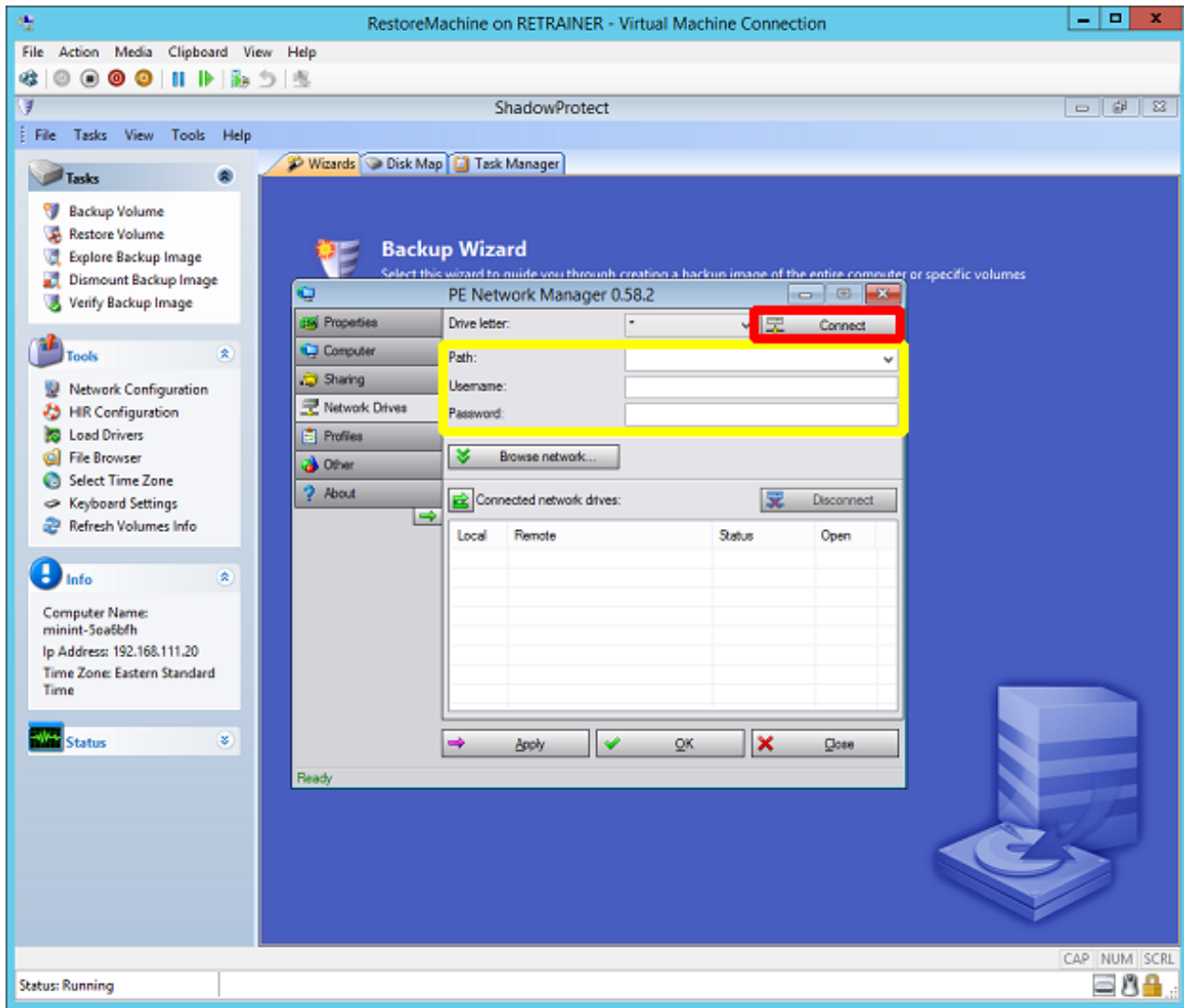
CONFIGURE THE NETWORK MANAGER

If your backups are on a network location, configure the Network Manager.

- a) Using the **Wizards** tab, locate the **Tools** menu and click **Network Configuration**.
- b) Select **Network Drive** from the navigation menu.



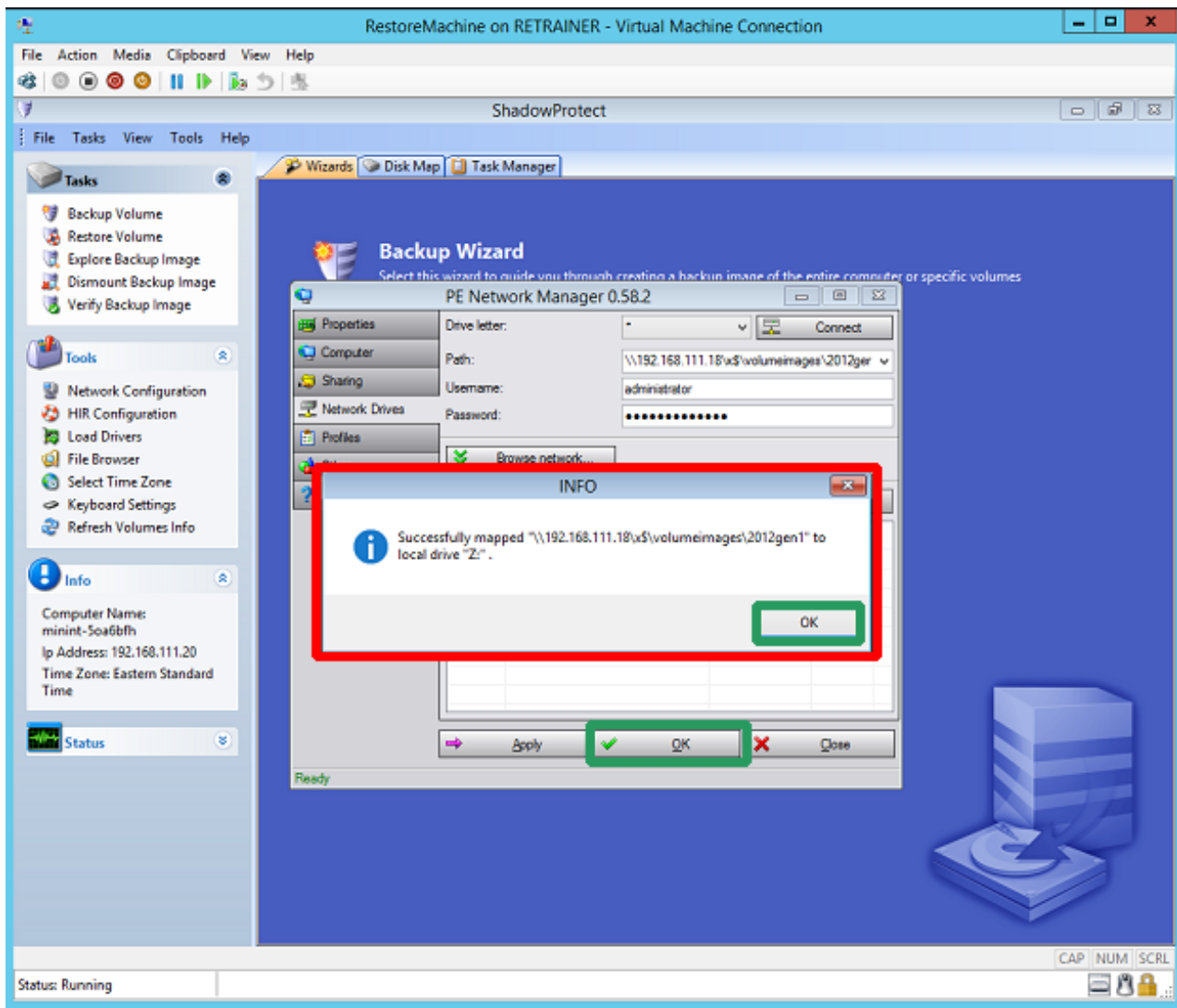
c) When the Network Drive window appears, input the following:



Path name	\\unc\share
Username	Administrator username
Password	Administrator password

d) Click **Connect** to continue.

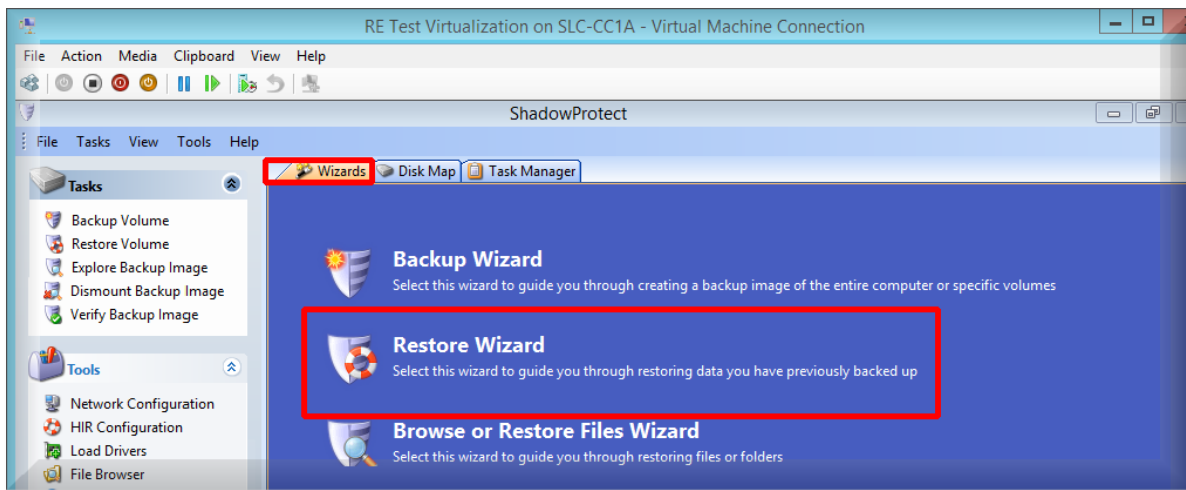
- e) An INFO window appears.
- f) If the details displayed are correct, click OK to continue.



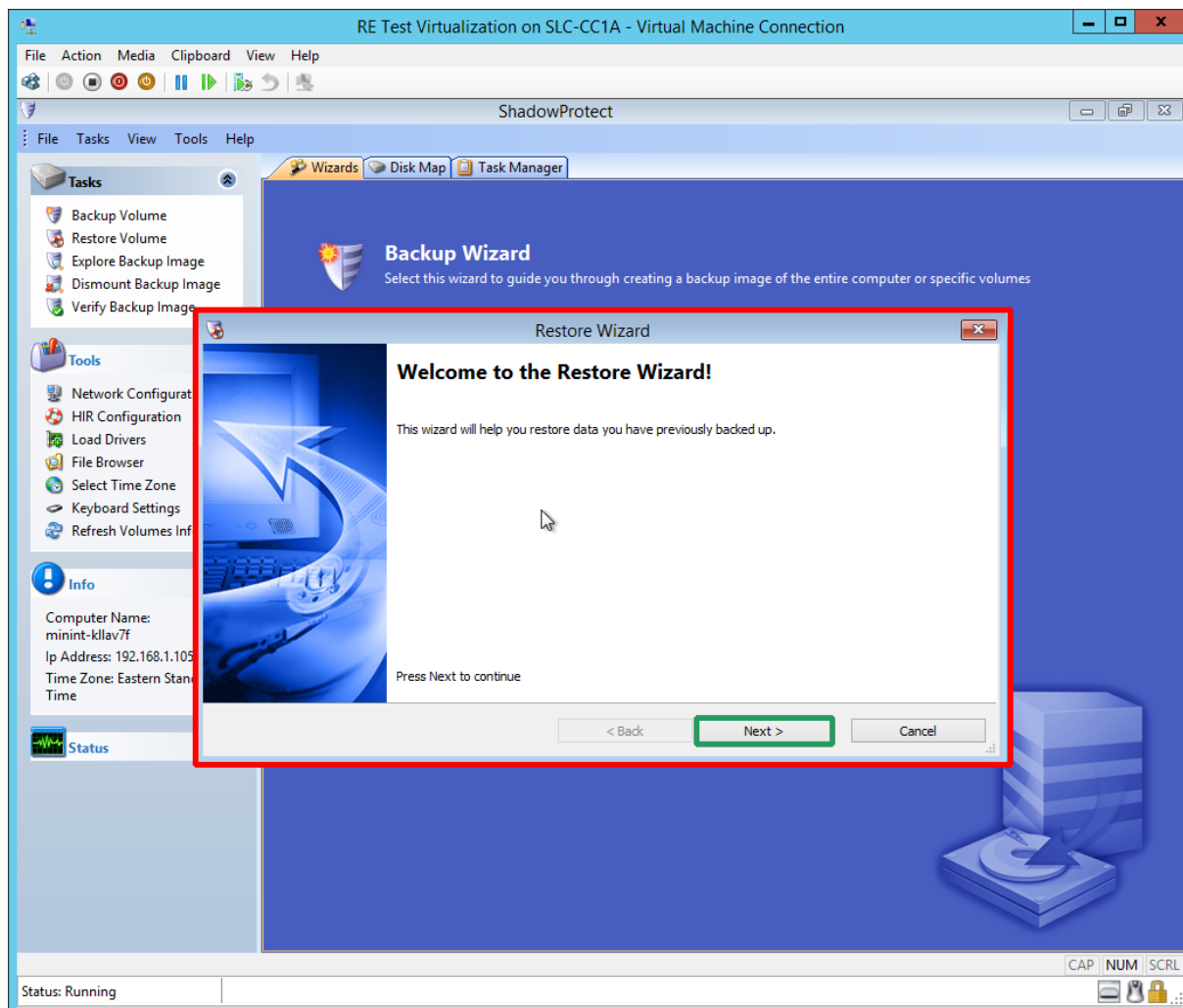
- g) Finally, click OK to return to the main ShadowProtect Wizard menu.

RUN THE RESTORE WIZARD

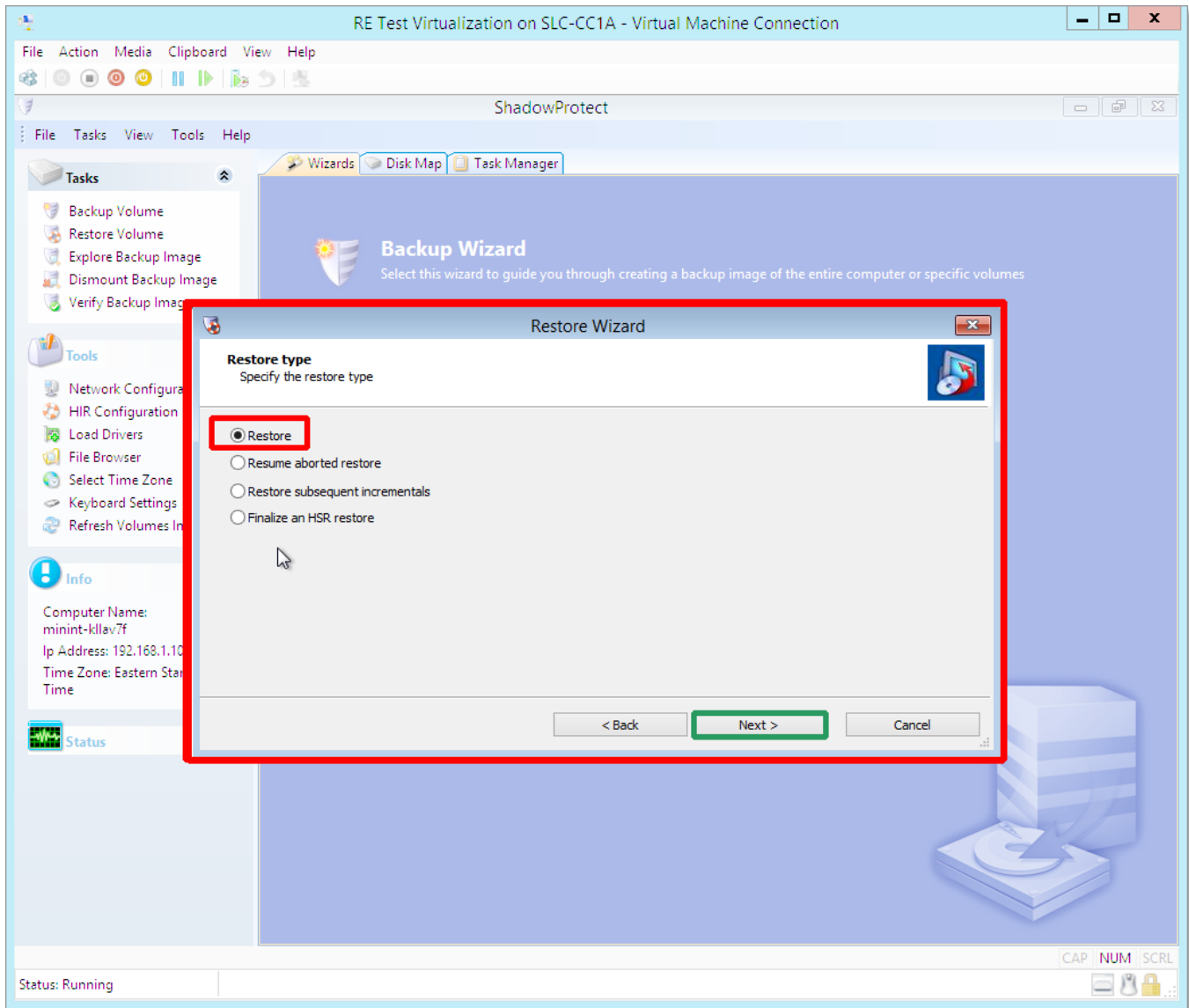
1. Return to the main **Wizard** menu and click on the **Restore Wizard**:



2. When the **Welcome** screen appears, click **Next** to continue.

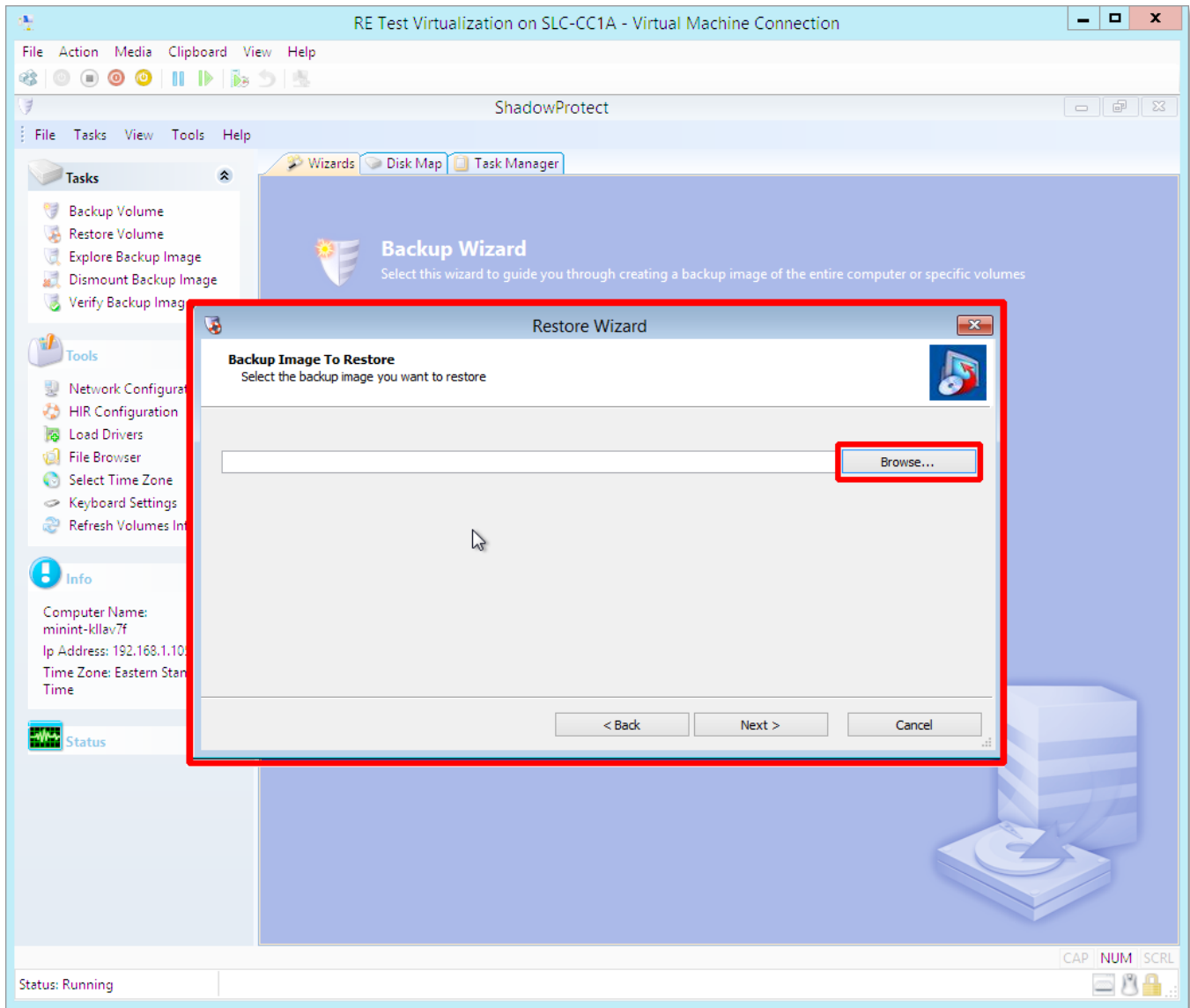


3. When the **Restore type** window appears, select **Restore** and click **Next** to continue.

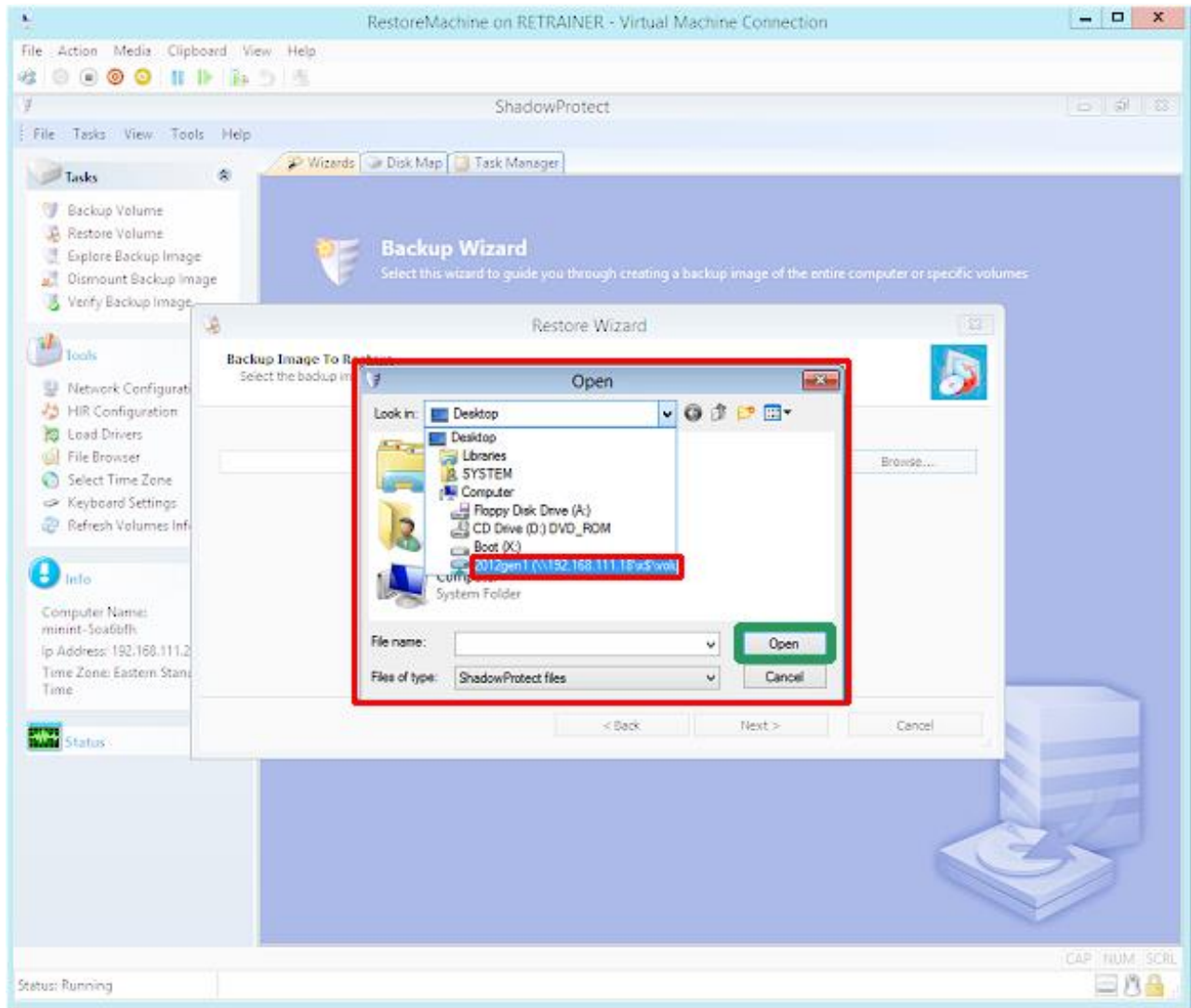


Locate the desired backup(s) and log in

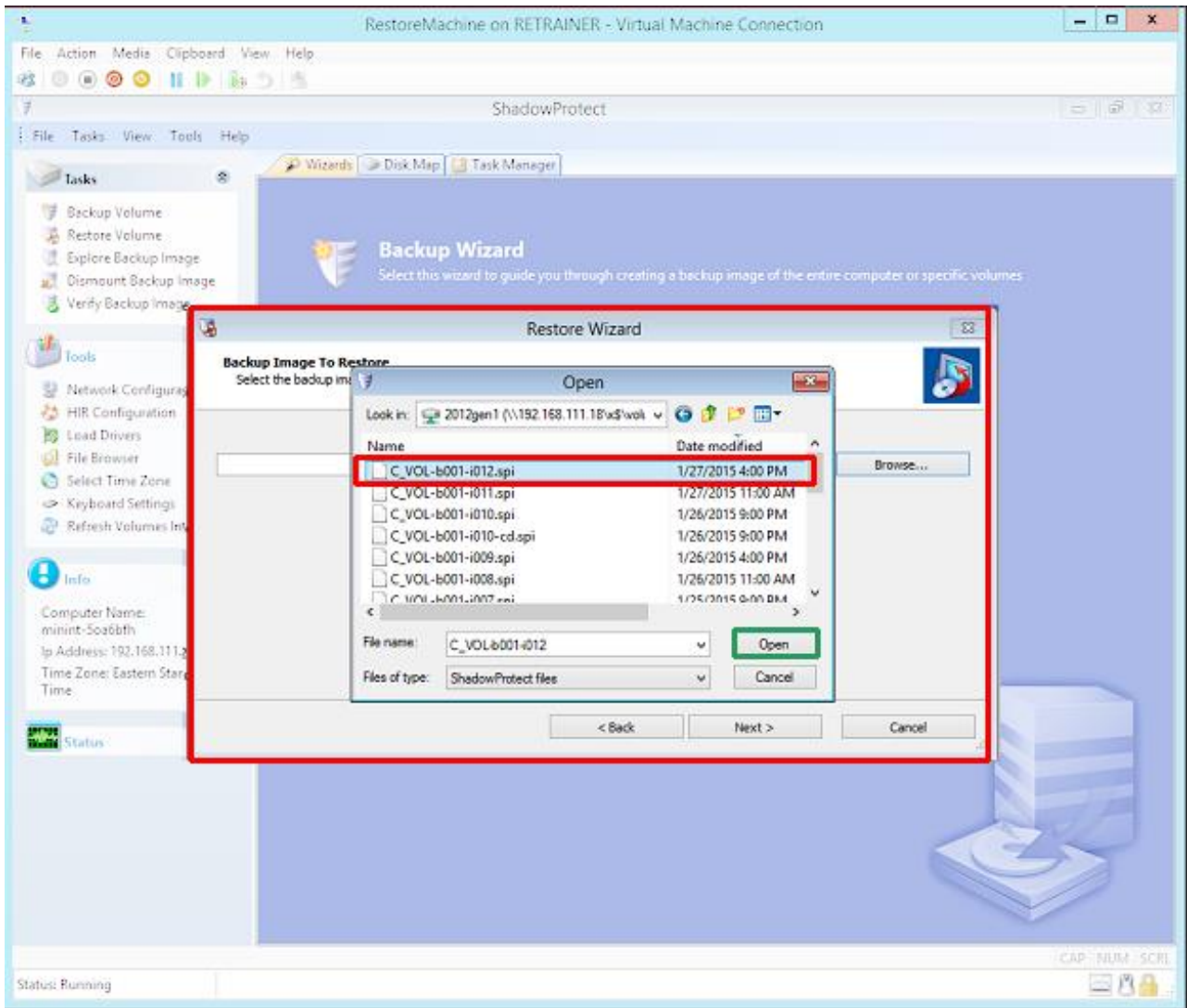
4. Click the **Browse** button to locate the desired backups:



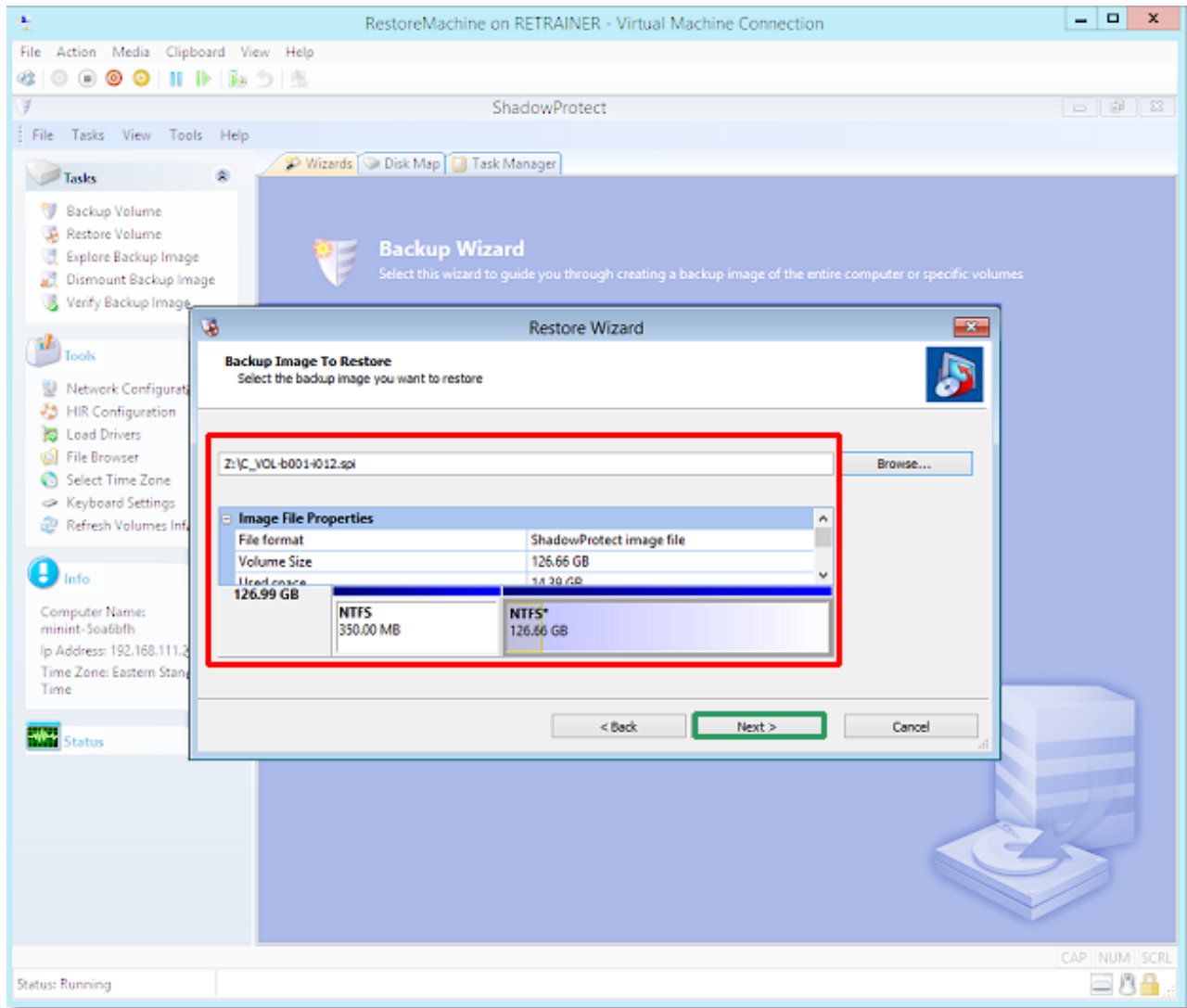
5. Select the path you previously created in the [Configure Network](#) step and click **Open**.



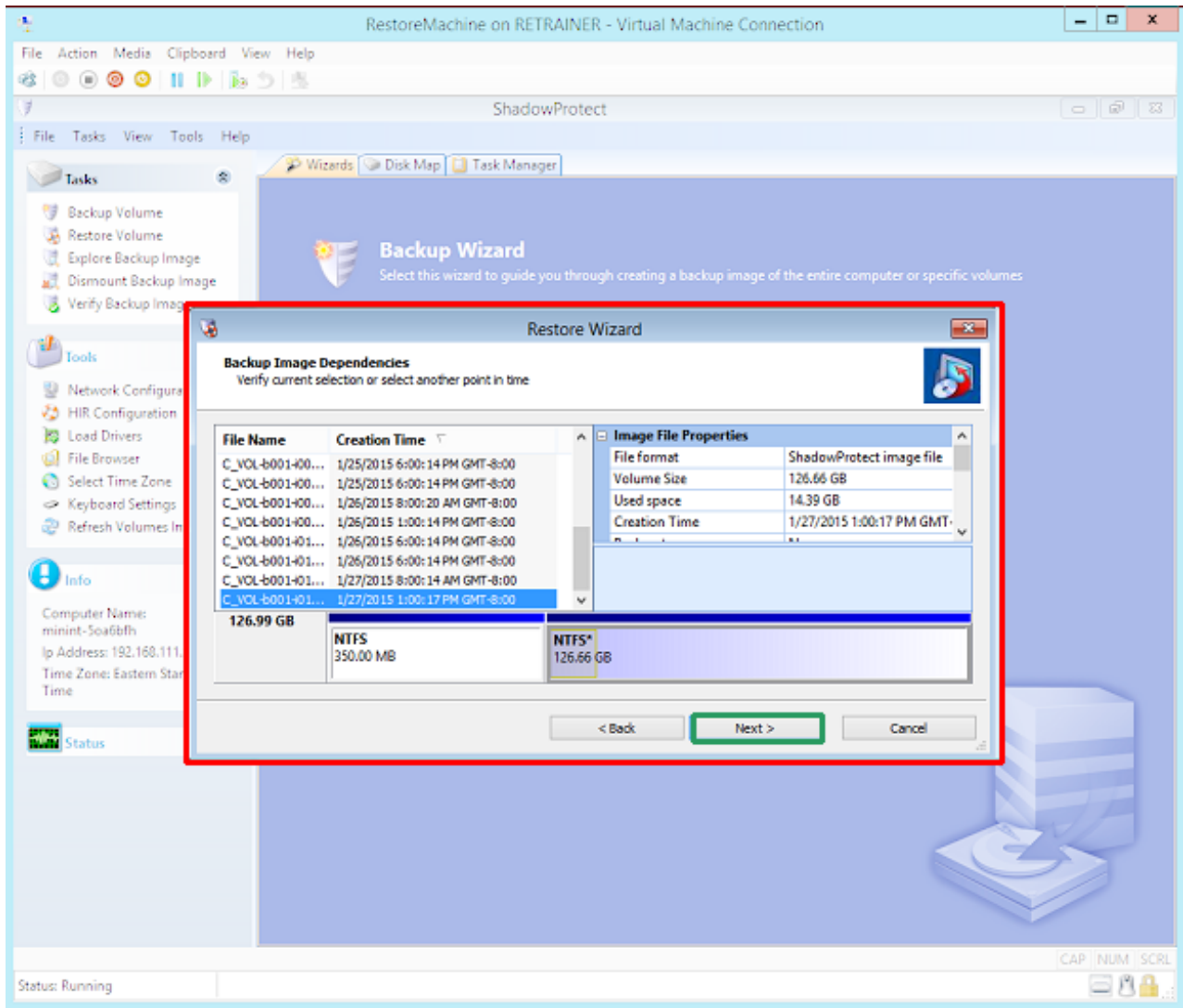
6. Select the image to be restored and click **Open** to continue:



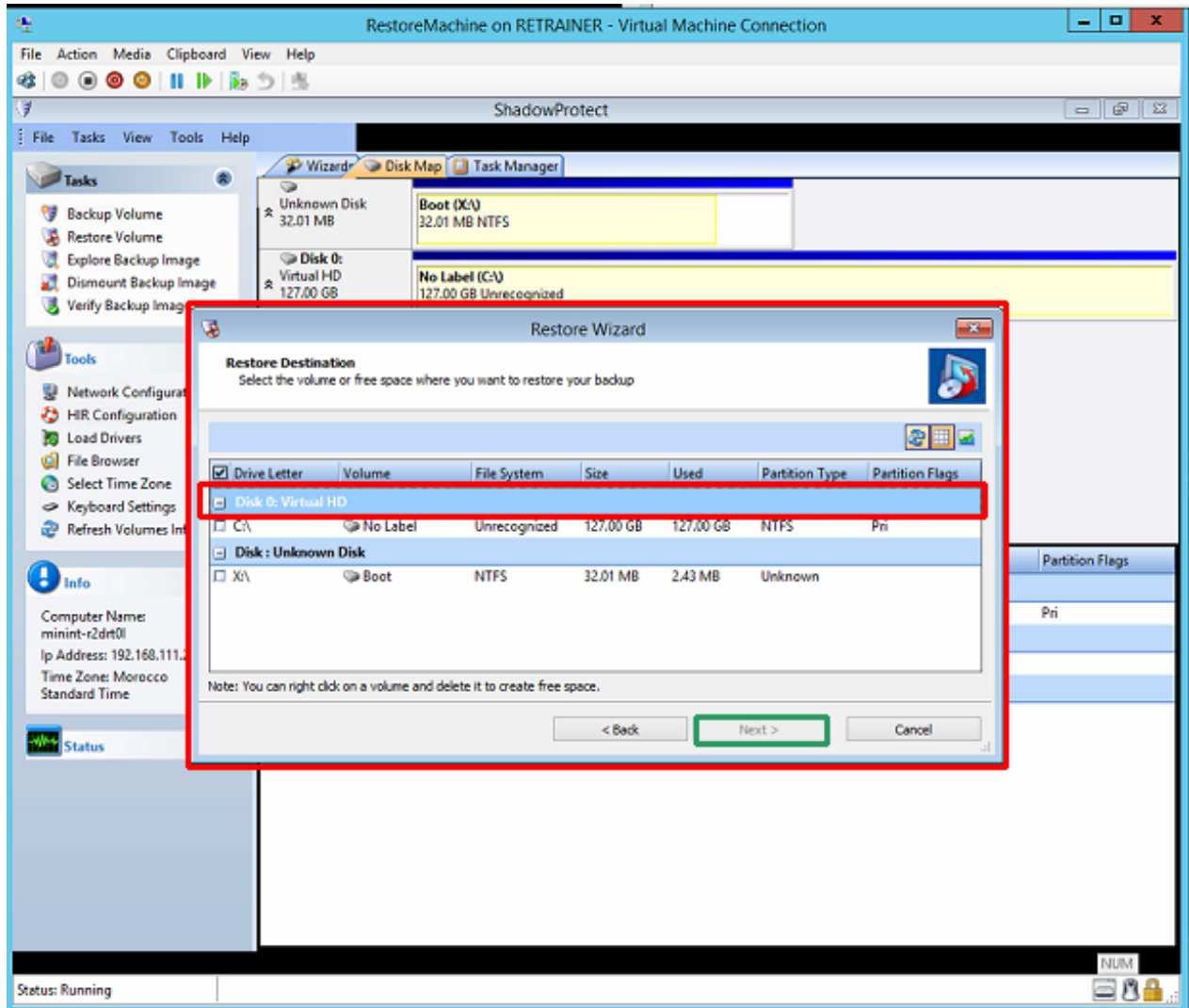
7. A confirmation screen displays the backup partition. If this is correct, click **Next** to continue.



8. An additional confirmation screen appears. Review image properties and then click **Next**.



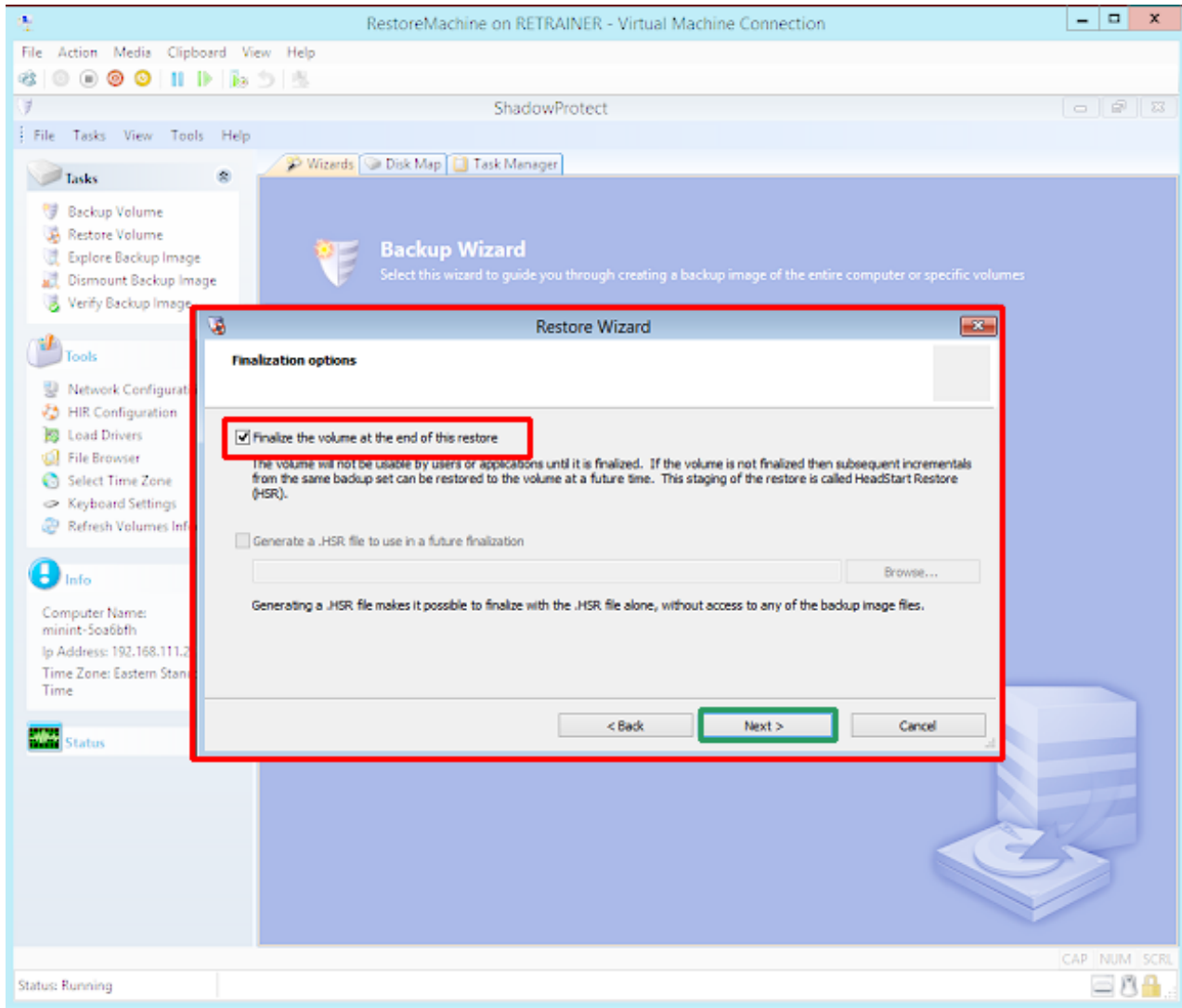
9. Select the partition created previously (see [Create Partition](#)) and click **Next** to continue.



Finalize the volume

If this restore should be finalized, click the **Finalize the volume** at the end of the restore box.

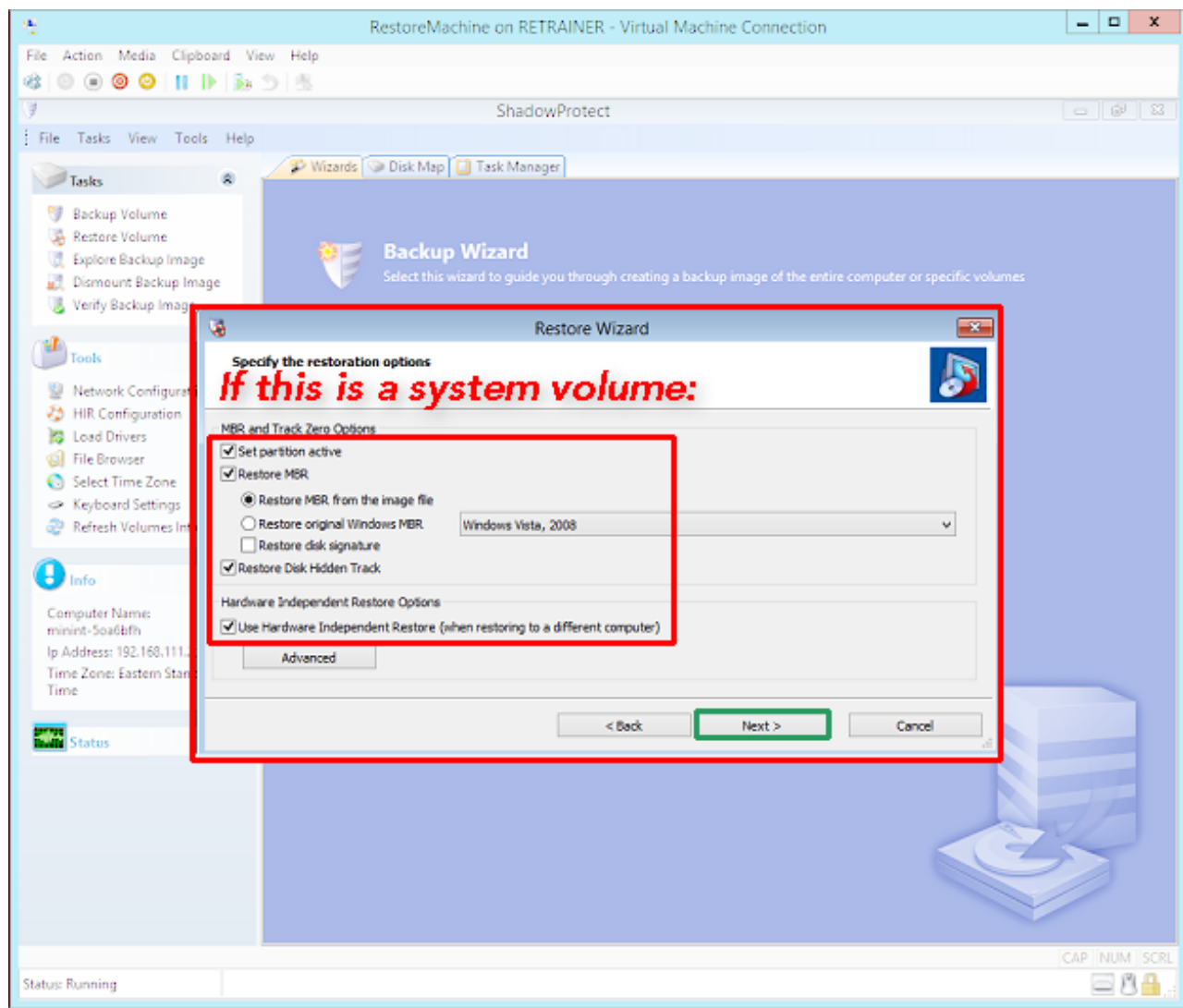
Click **Next** to continue.



Specify restoration options

If this is a system volume:

- Check the Set partition active box (if not already checked.)
- Check the Restore MBR box
- Select the Restore MBR from the image file radio button
- Check the Restore Disk Hidden Track box
- Check the Use Hardware Independent Restore (when restoring to a different computer) box
- Click Next to continue

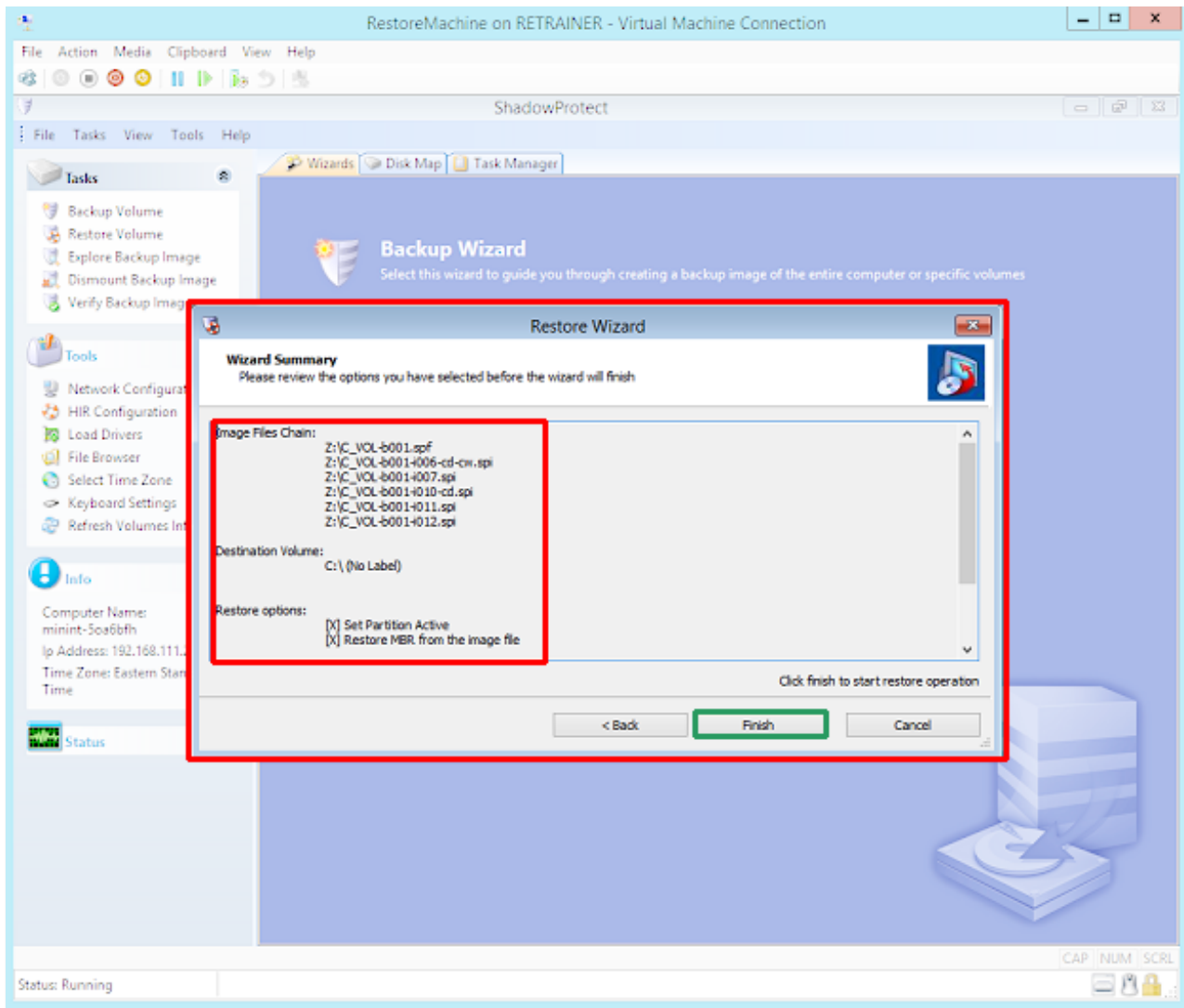


Note: If this is a data volume:

- Uncheck the Set partition active box
- Uncheck the Use Hardware Independent Restore (when restoring to a different computer) box

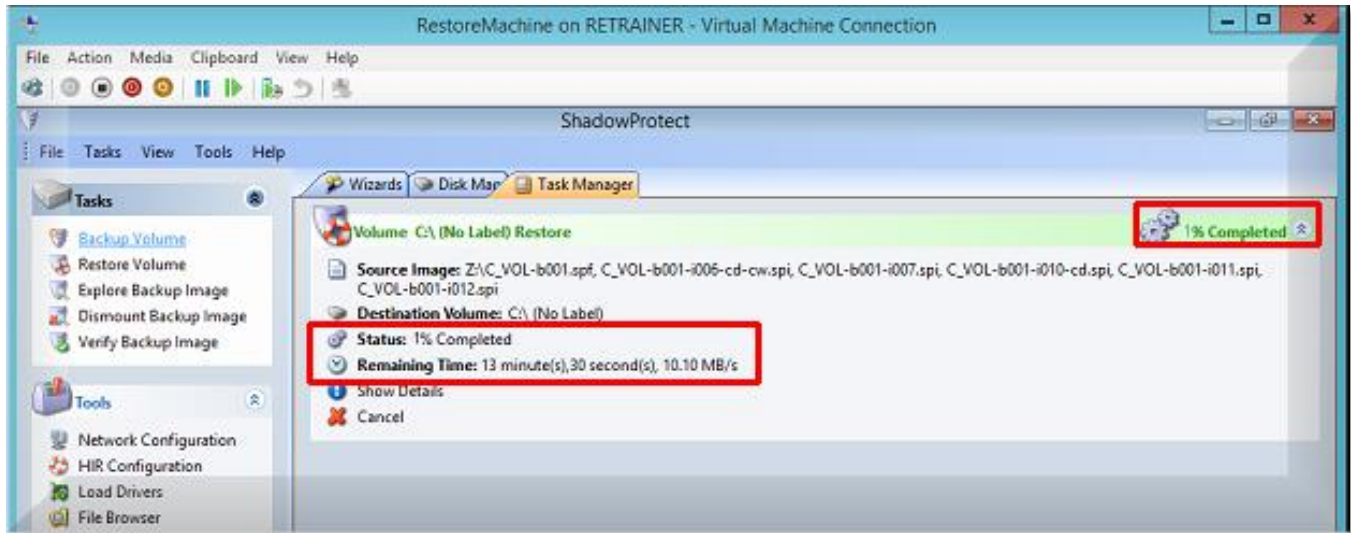
- c. Click **Next** to continue

Review the **Wizard Summary** and click **Finish** when you are satisfied.



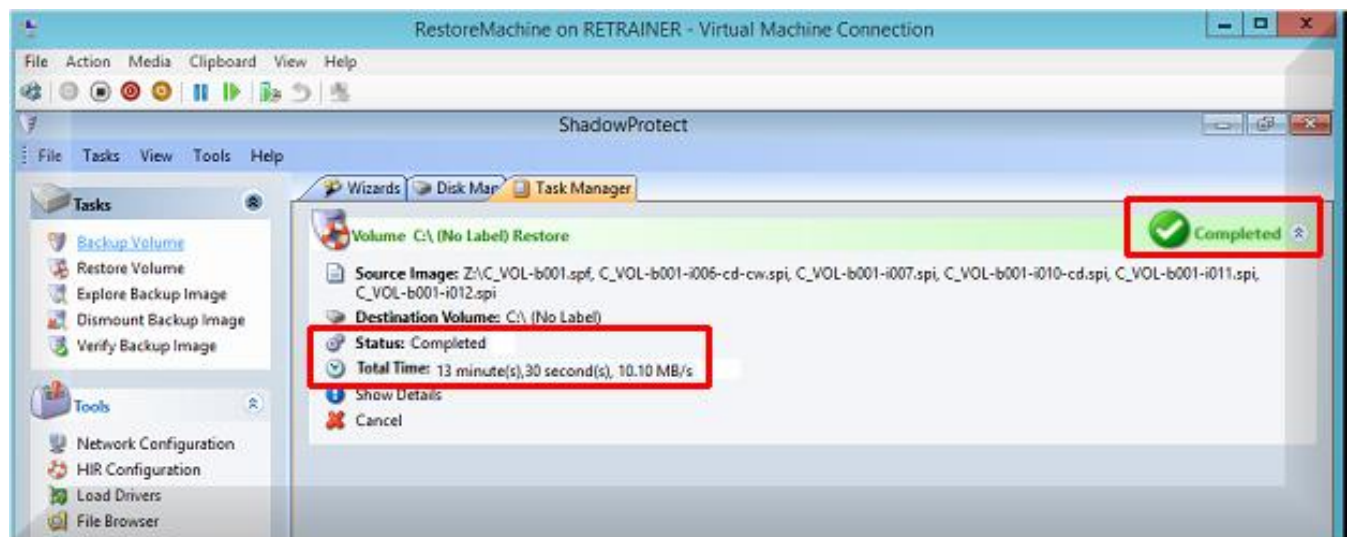
While restoration is underway

While restoration is underway, you will see this status screen, providing details on the percentage complete and the remaining time required:



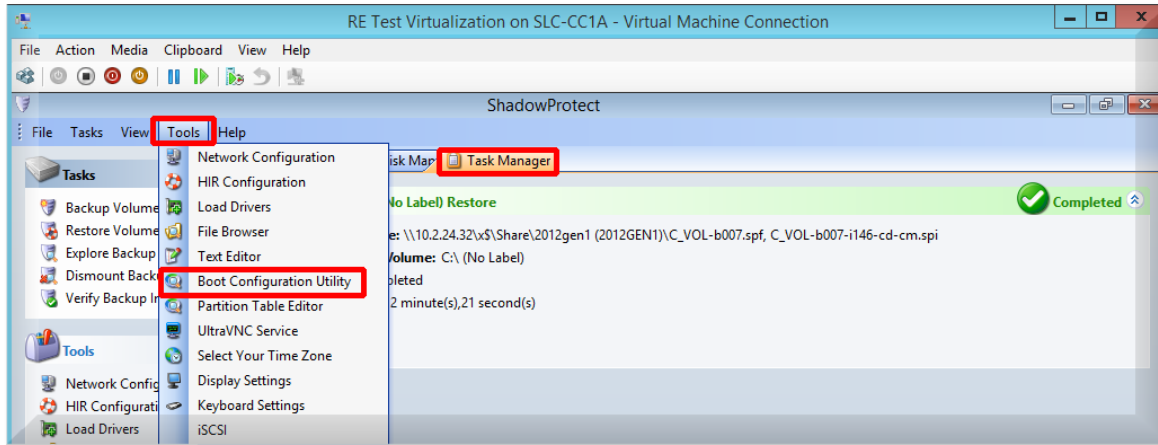
When restoration is complete

When restoration is complete, you will see this confirmation screen:

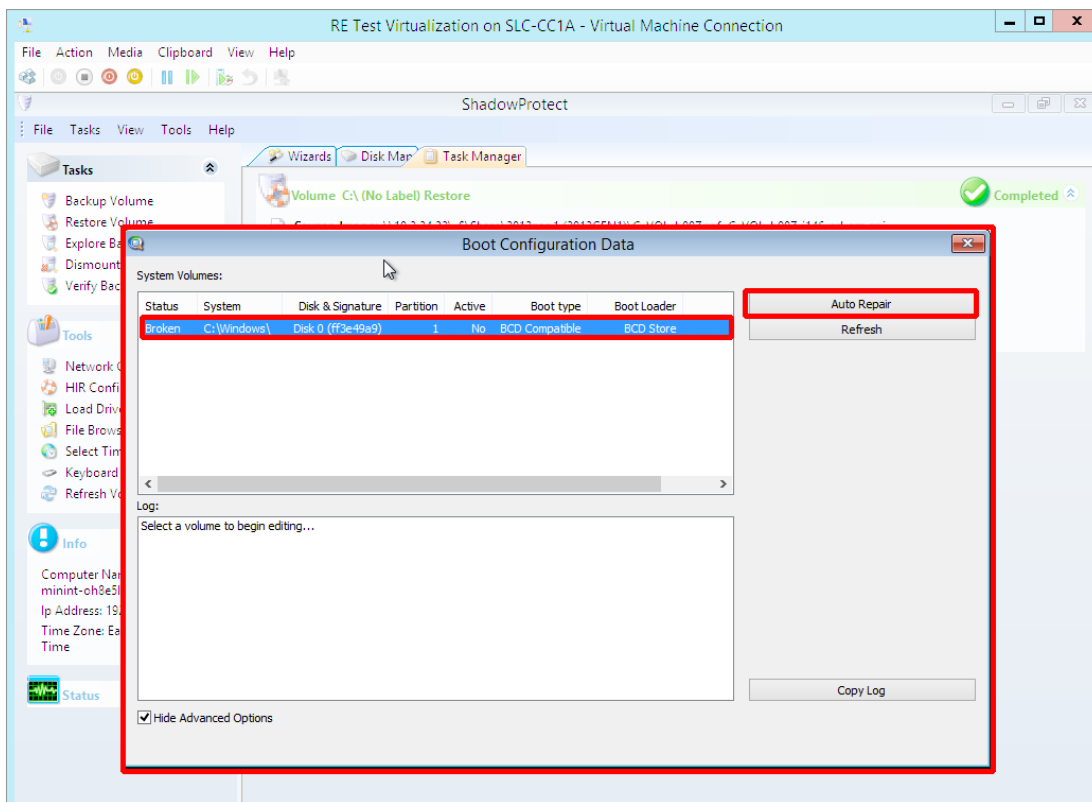


RUN THE BOOT CONFIGURATION UTILITY (BCU)

1. From the main ShadowProtect Task Manager tab, click on Tools from the top toolbar.
2. Select Boot Configuration Utility (BCU) to begin.



3. If any issues are highlighted in the System Volumes or Log windows, click the Auto Repair button:



4. After any needed repairs are completed, close the BCU.

Note #1: Once your restore is complete, you must close the ShadowProtect Recovery Environment in order to automatically reboot the virtual machine into the restored operating system.

Note #2: After restoring a system volume, some OEM versions of Windows may not reactivate. Windows Activation may intentionally lock some OEM copies of Windows to specific machines. Some OEM licenses may, in fact, not reactivate except on the original machine. In these cases, consult with Microsoft on reactivation options.

Note #3: If this is a DC, SQL or Exchange server, boot into Directory Services Restore Mode to protect and repair the AD database.



If errors occur, reboot the ShadowProtect Recovery Environment (RE) and rerun Boot Configuration Utility (BCU)to fix any issues:

- [ShadowProtect Boot Configuration Utility](#)

QUESTIONS

For specific questions about this eFolder product, please contact us directly:

- Submit all eFolder questions to support@efolder.net.
- Call us at 800-352-0248.
- Browse our [Knowledgebase](#).



The People Behind Your Cloud

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