eFolder BDR for Veeam Hyper-V Continuity Cloud Guide

Setup Continuity Cloud
Import Backup Copy Job
Restore Your VM

INTRODUCTION

Thank you for choosing the eFolder Continuity Cloud for Veeam. Using the eFolder Continuity Cloud for Veeam, you can access fast off-site virtualization of your replicated Hyper-V servers. eFolder currently only supports Hyper-V servers for Veeam.

This guide describes how to setup, import a backup copy job, and restore your entire VM to the eFolder Continuity Cloud environment using Veeam Backup & Replication software. The guide is divided into three sections: 1) Setup eFolder Continuity Cloud, 2) Import the Backup Copy Job, and 3) Restore Your Entire VM. In Section 1, you will identify your Continuity Cloud hostname and private IP address needed to connect your Veeam target Console to your assigned Hyper-V Continuity Cloud server. You will begin by logging in to the Continuity Cloud node with your credentials from eFolder using a direct RDP connection. In Section 2, you will access Backup & Replication in the Veeam target console to import and decrypt your backup copy job. In Section 3, you will restore your entire VM. After selecting your virtual machine, restore location, host server, datastore, and network, your entire VM will be restored to the eFolder Continuity Cloud using the Veeam Backup & Replication software. Work through each section in the order they are presented.

System Requirements

The following 32-bit and 64-bit operating systems are supported:

Microsoft Windows Server 2012 R2
Microsoft Windows Server 2012
Microsoft Windows Server 2008 R2 SP1
Microsoft Windows Server 2008 SP2
Microsoft Windows Server 2003 SP2
Microsoft Windows 8.x
Microsoft Windows 7 SP1

Customer Support

At eFolder, we value feedback from our customers. Not only do we want to help you quickly resolve your technical issues, but we value your input and build products that incorporate your suggestions. To contact eFolder Technical Support, call **678-373-0109/1-800-352-0248** or submit questions to **VeeamSupport@eFolder.net**.

For known problem resolutions, open a browser and navigate to:

Knowledgebase: https://secure.efoldering.com/support/index.php?/efolder/Knowledgebase/List/Index/68/veeam
Veeam Support: https://www.veeam.com/support.html

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SECTION 1: eFOLDER CONTINUITY CLOUD SETUP

In Section 1, you will identify the hostname and private IP address of your assigned Continuity Cloud node. You will begin by logging in to the Continuity Cloud node with your credentials from eFolder using a direct Remote Desktop Protocol (RDP) connection.
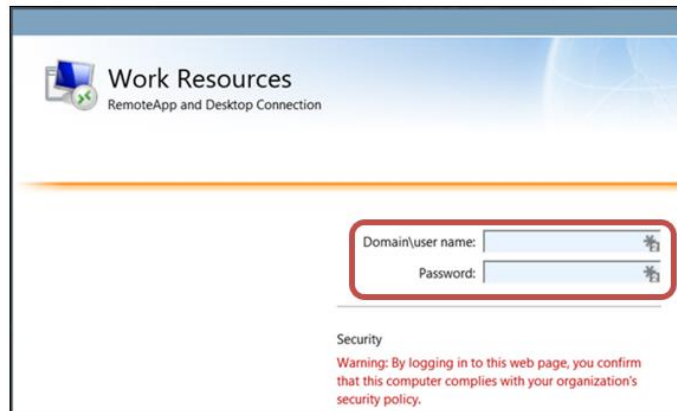
The private IP address can be found in the text file named, *Private-IPs.txt*, the Continuity Cloud server. The hostname of your Continuity Cloud node can be found in the System properties using the Control Panel in the *Computer Name* field.
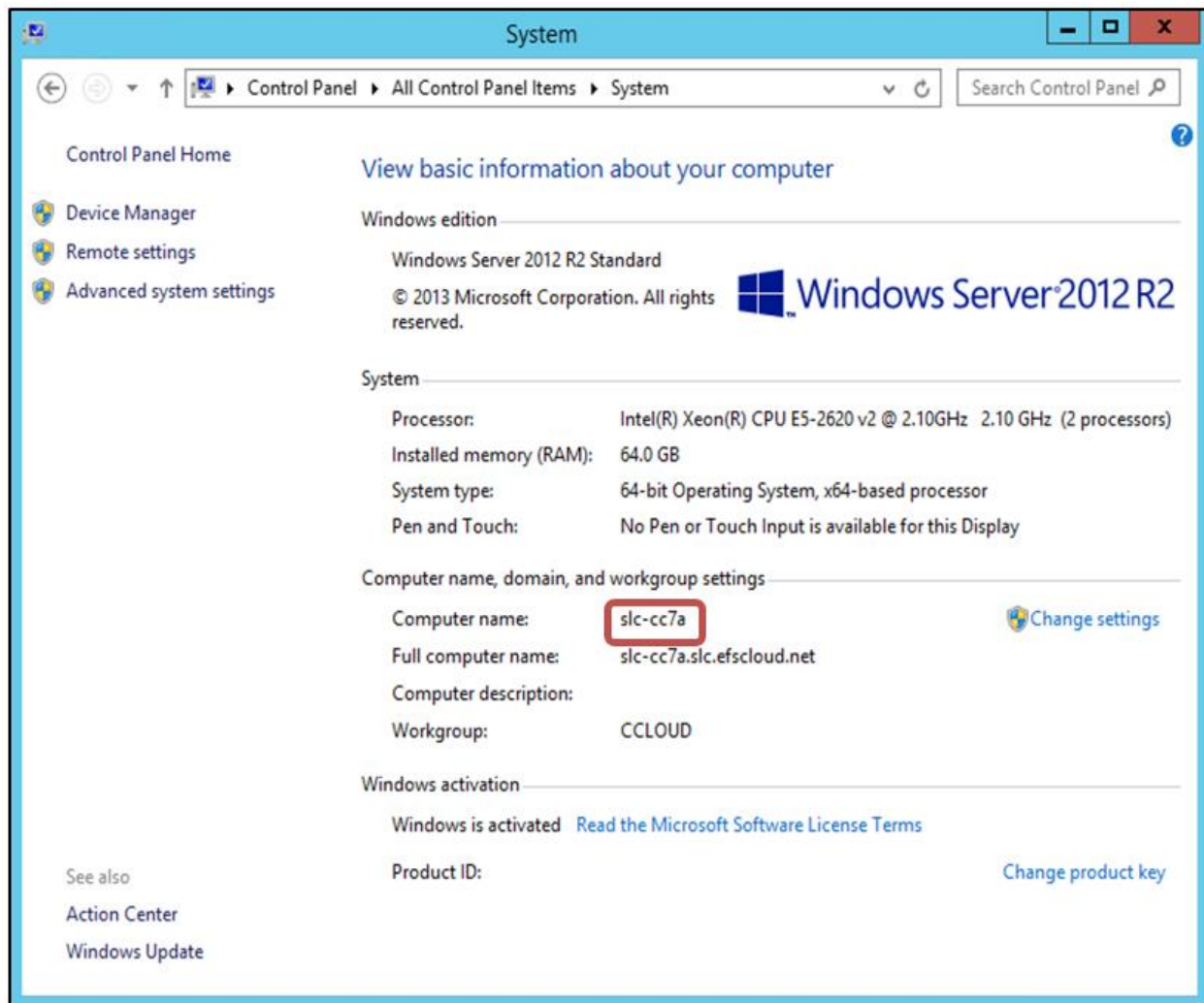
1. To access the console of your Veeam target, use a Windows web browser to access:

   https://appgw.efscloud.net

2. Then, type the original credentials you received from eFolder for your Veeam target.

3. After you sign in to the RD Web Access gateway, click the console you want to access.
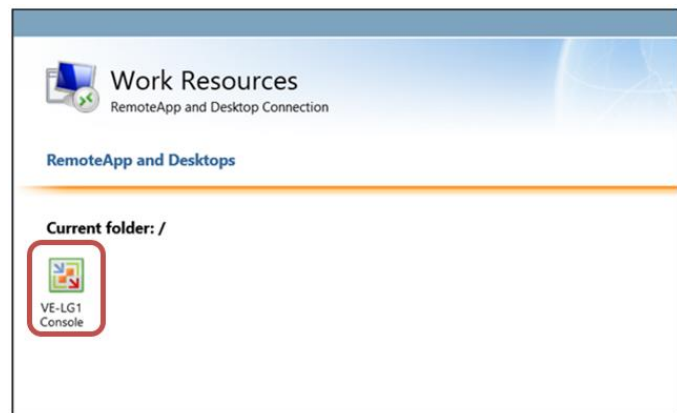
4. Click OK to continue.
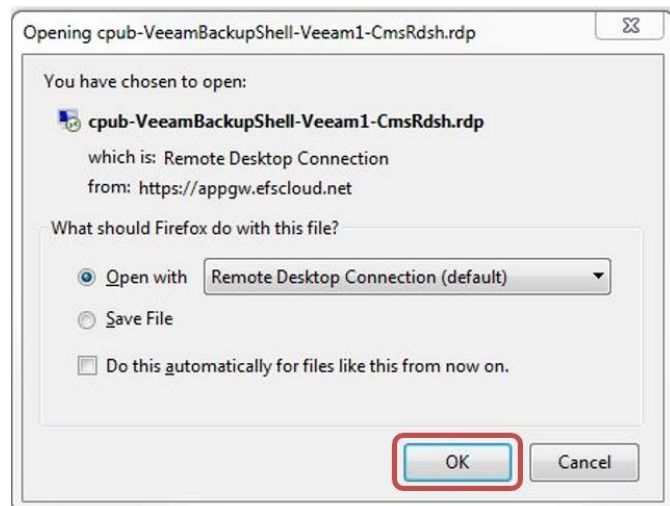
5. Click Connect to continue.

6. Type the same credentials you used to sign in previously to the RD Web Access Gateway; then, click OK.

7. Select the Backup Infrastructure tab and select the Microsoft Windows option below Managed servers. Then, click Add Server on the menu bar.
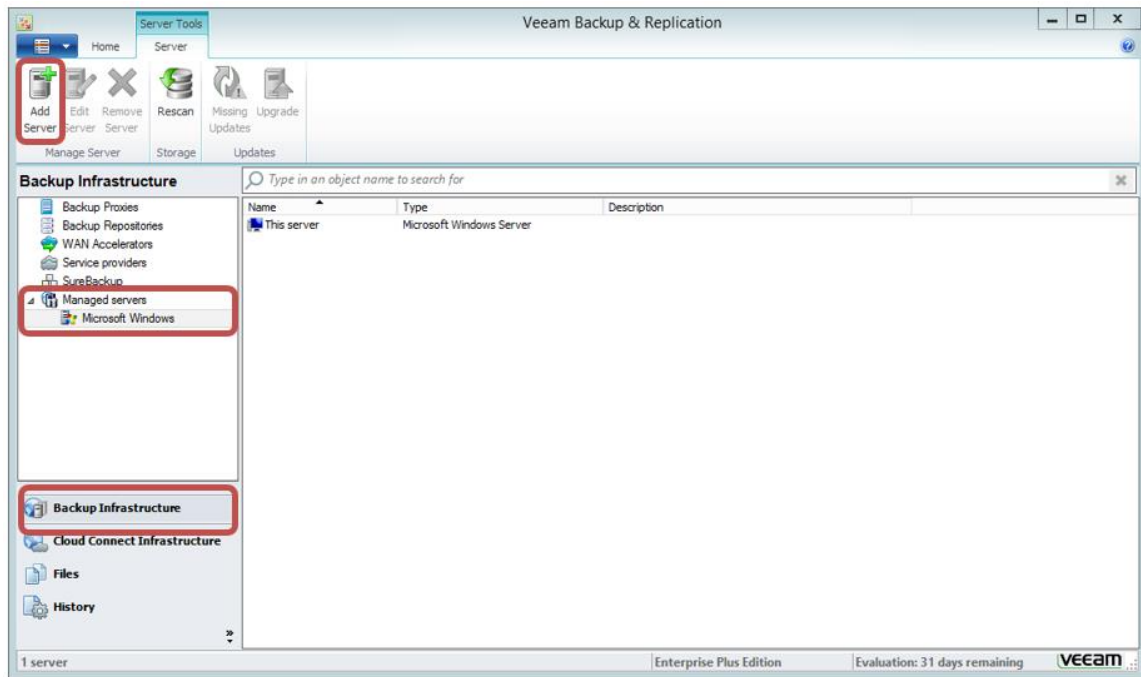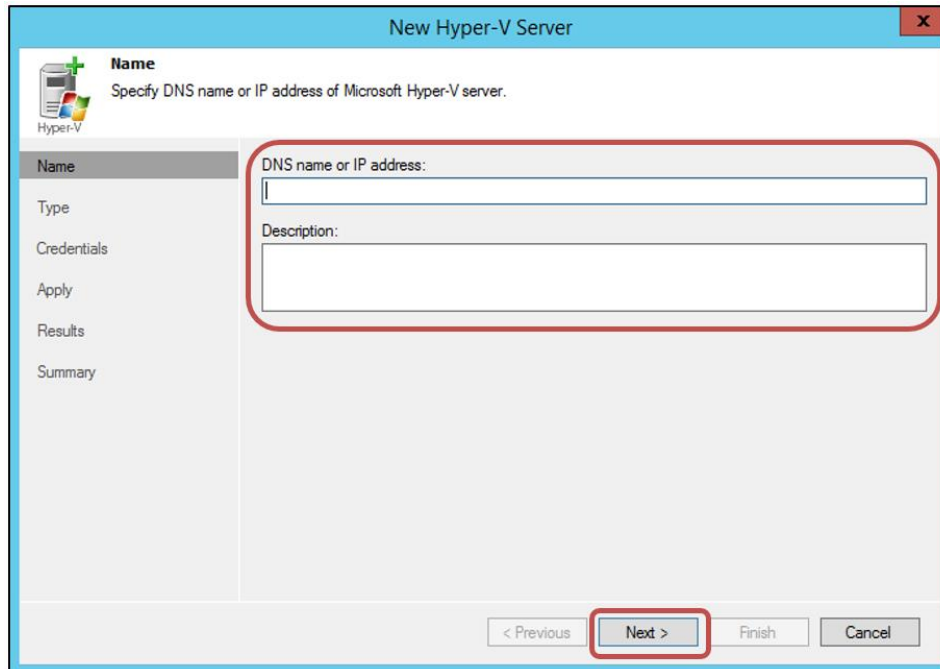
8. Select Microsoft Hyper-V from the list of servers.
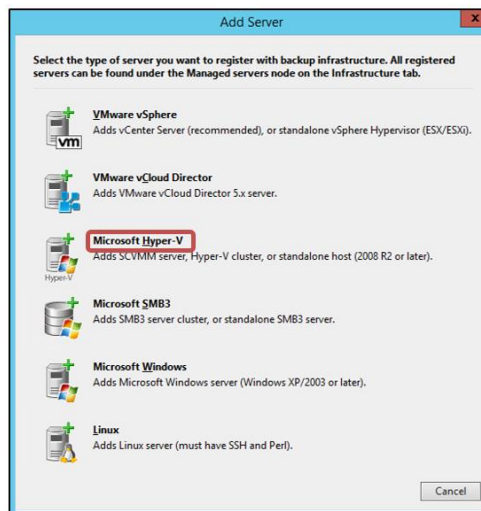
9. Type the private IP address of your Continuity Cloud node and a description in their respective fields; then, click Next.

NOTE: The IP address can be found in the text file named,   -IPs.txt,   desktop of the Continuity Cloud server.
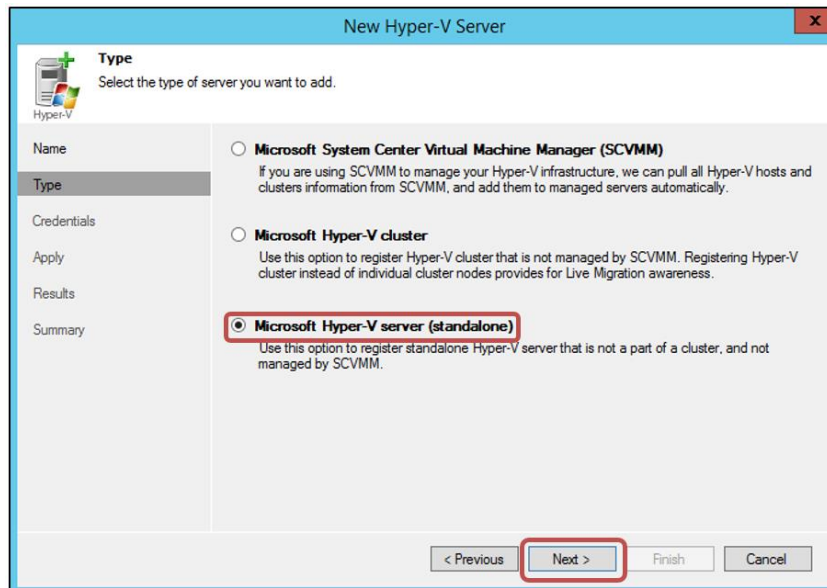
10. Select Microsoft Hyper-V server (standalone) for the type.

11. Click Add to type in your credentials.
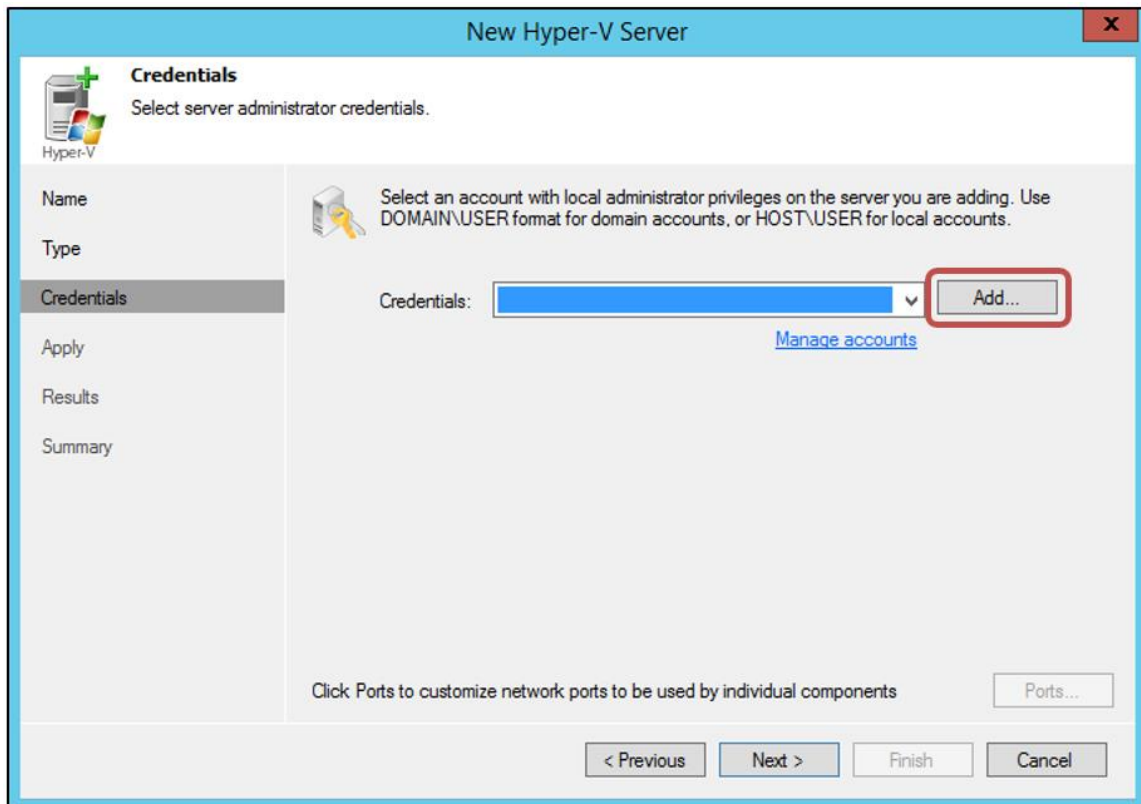
12. Type the username and password received from eFolder in their respective fields; then, click OK. The format for the username must be: *HOST\Username*

For example: *SLC-CC7a\ContinuityCloud*
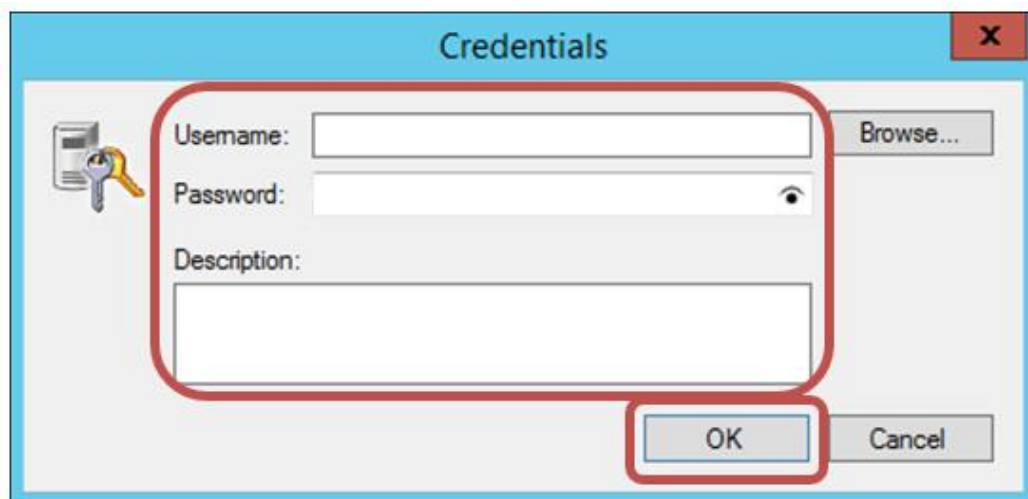
13. Click Ports
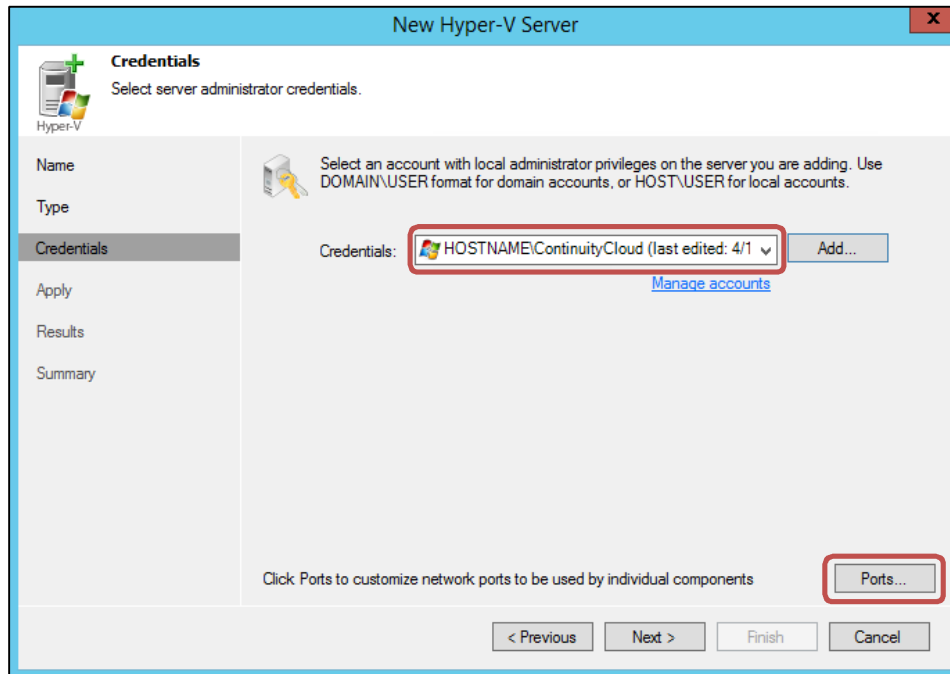
14. For data transfer, select 6164 to 6170 for the *Port range* field and check the Run server on this side checkbox; then, click OK.
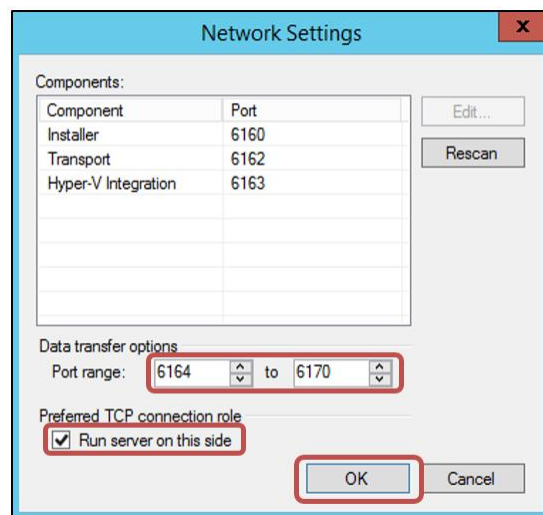
15. Note that the Transport and the Hyper-V Integration components will be installed or removed on the target host; then, click Next.
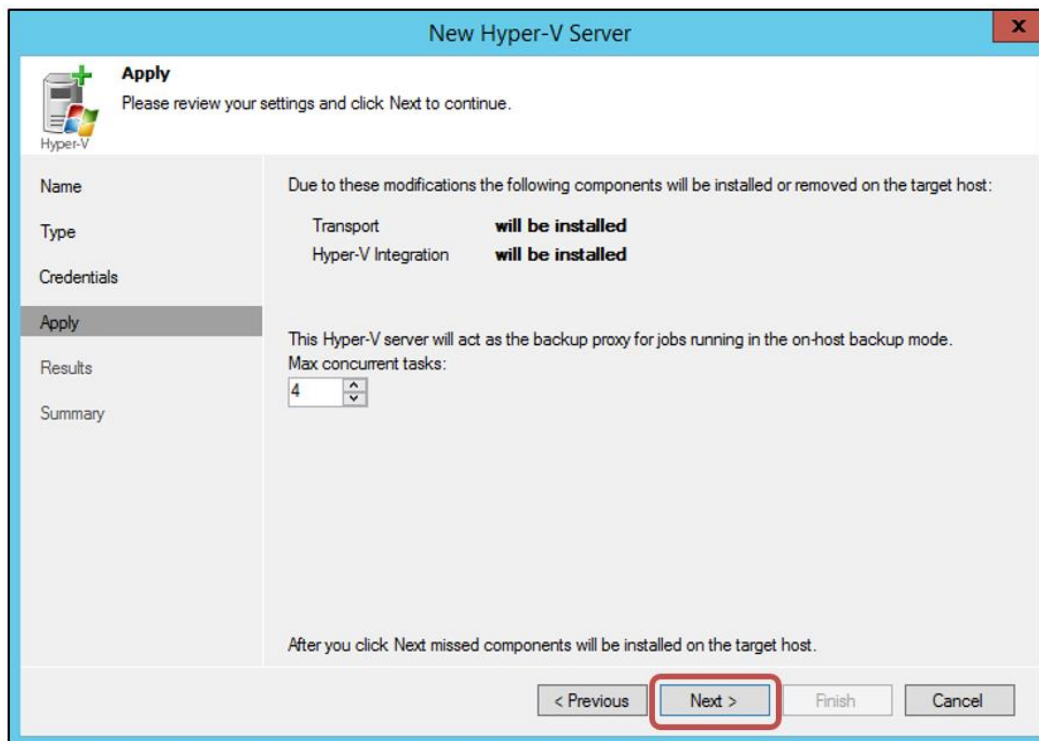
16. Review the *Results Log* to confirm that the Hyper-V server was installed and configured successfully; then, click Next.
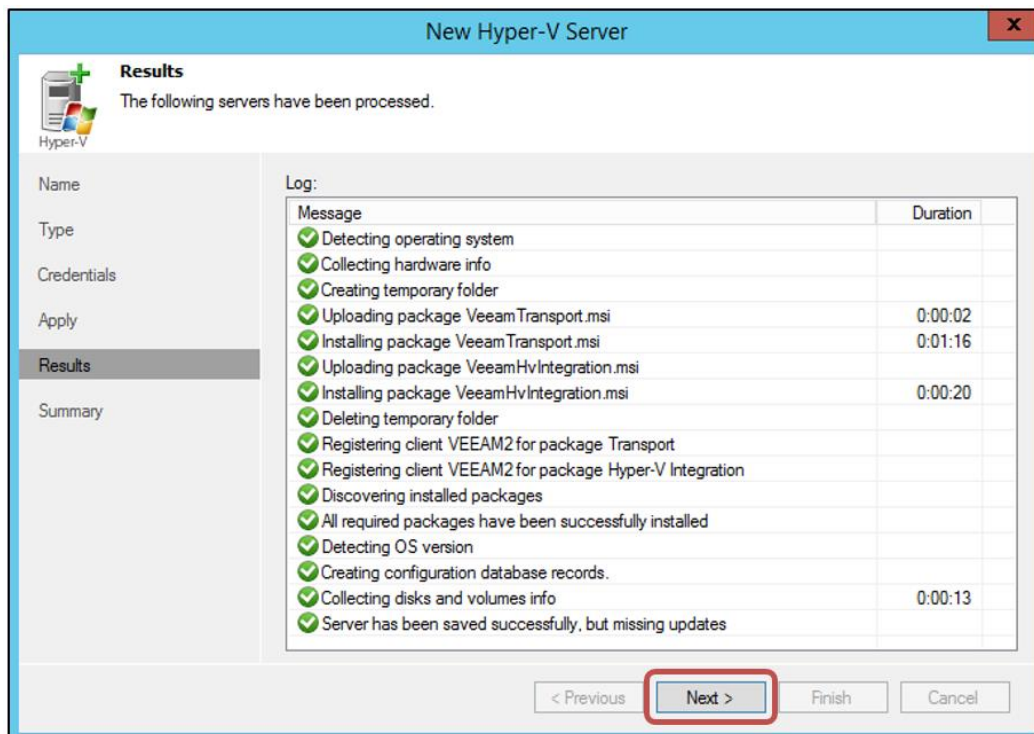
17. Review the *Summary* to confirm that the Hyper-V server was successfully created; then, click Finish.
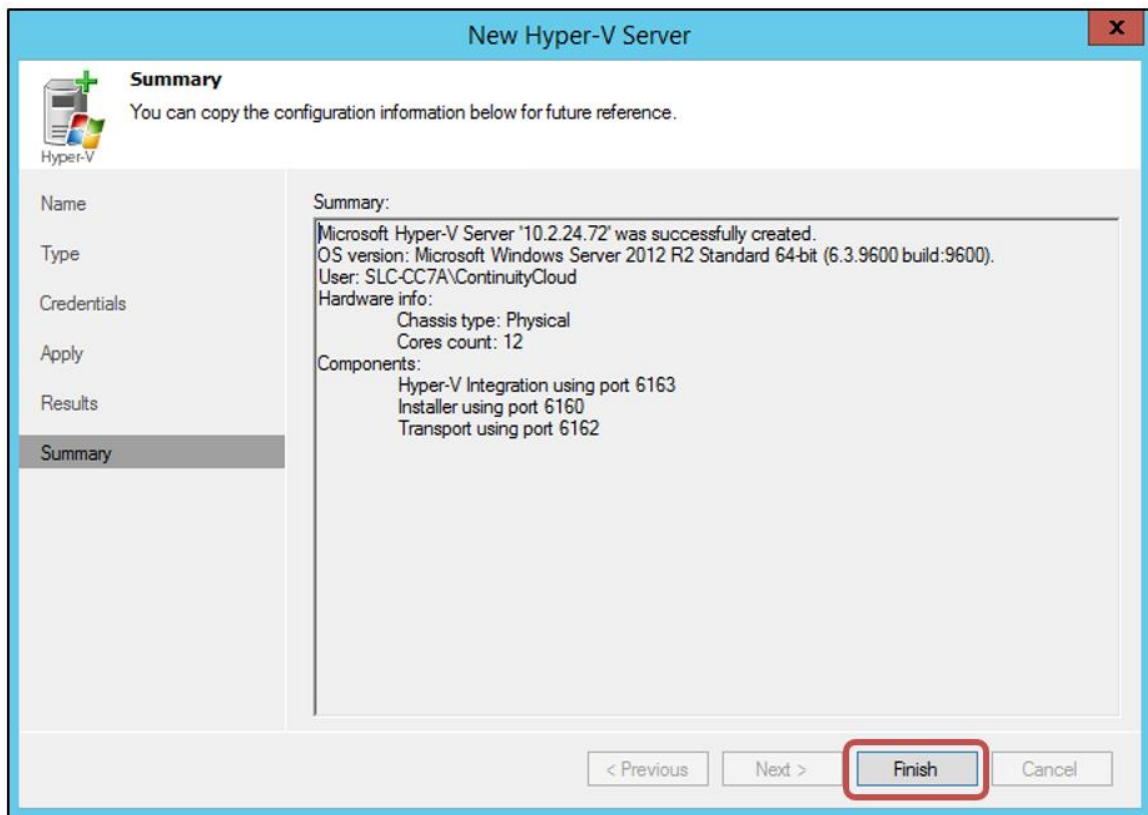
18. If you receive the following message, click No to continue.
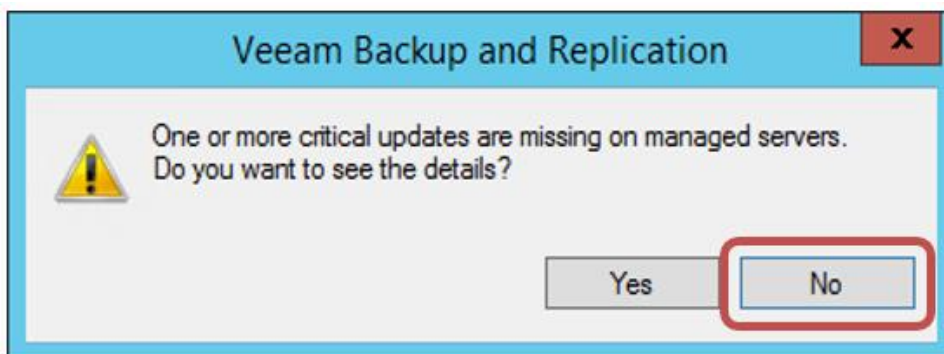
This completes Section 1 in which you identified the hostname and private IP address of the continuity Cloud node and connected it to your Veeam target Console. Next, import and decrypt your backup copy job in Section 2.

SECTION 2: IMPORTING AND DECRYPTING THE BACKUP COPY JOB

In Section 2, you will access Backup & Replication in the Veeam Console to import and decrypt your backup copy job.

1. Click on the carrot symbol at the bottom to expand the menu; then, click Backup & Replication on the popup list.
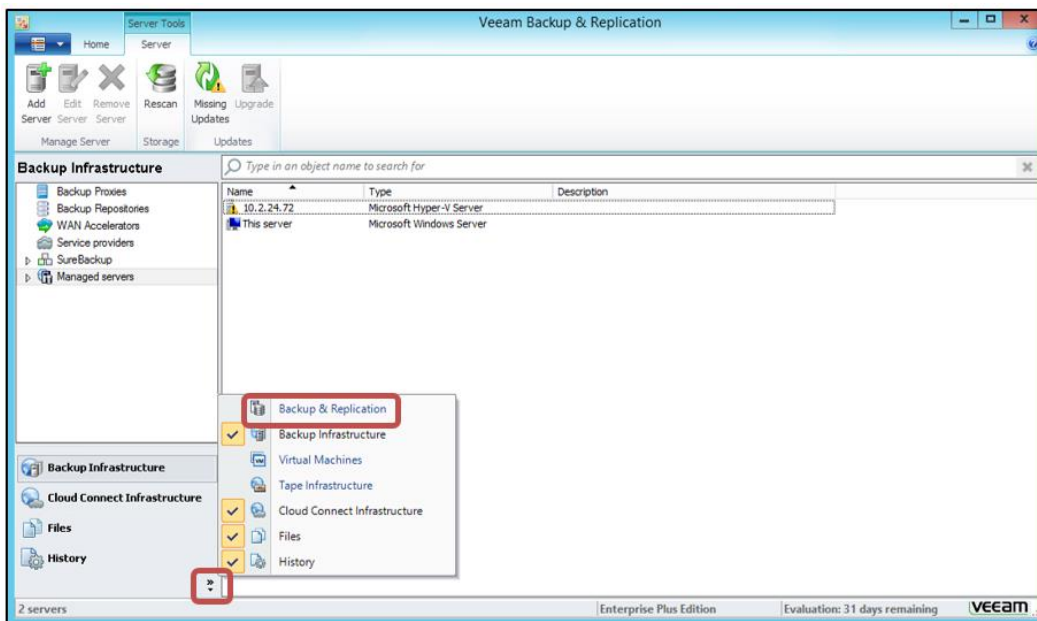
2. Click the Backup & Replication tab on the left and select the Jobs option; then, click Import Backup on the menu bar.
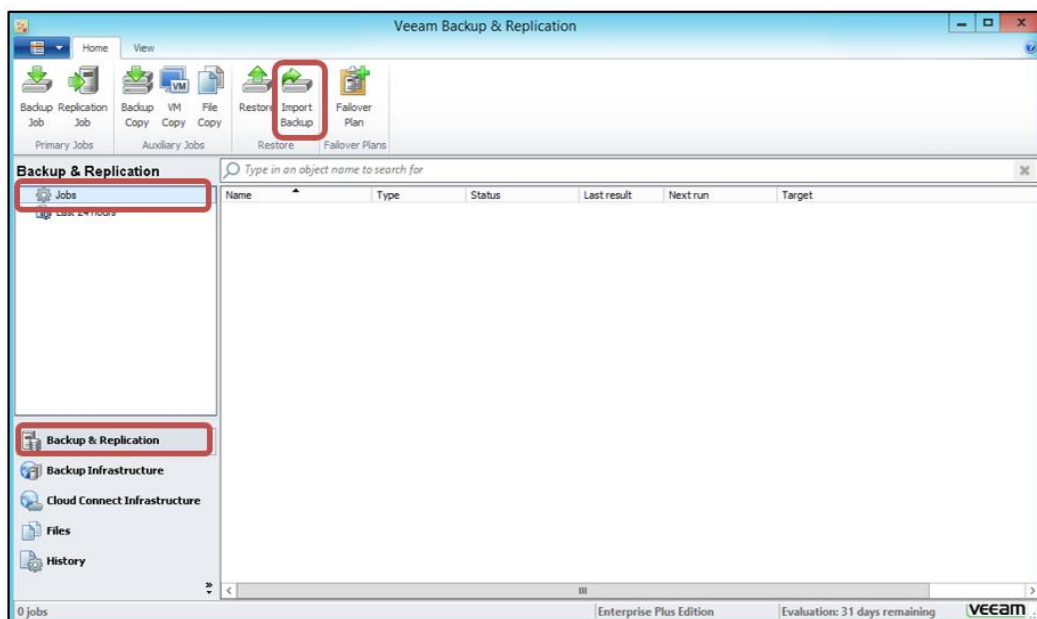
3. Click Browse and select your import *Backup file*, which is named
    X:\Backup\%ClientUsername%\%BackupCopyJobName% in your browser.
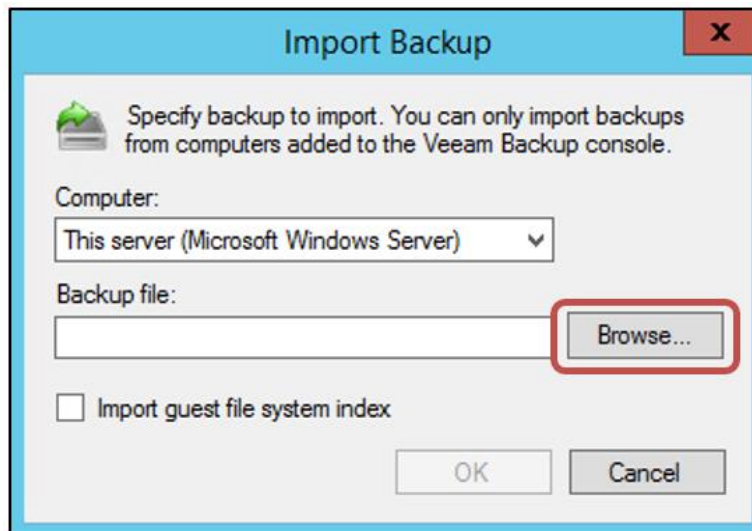
4. Select the Encrypted option below Backups; then, select your backup copy job in the
    list below *Name* and click Specify Password on the menu bar.
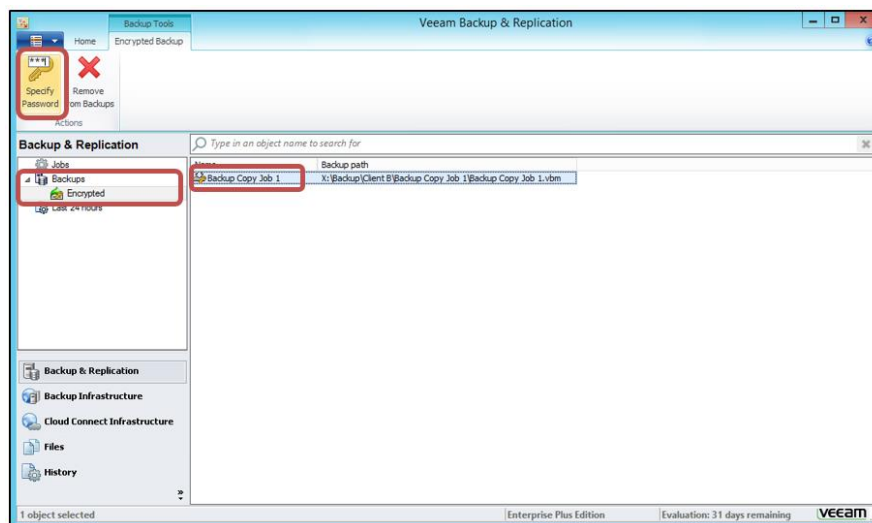
5. Click OK to import the selected backup file.
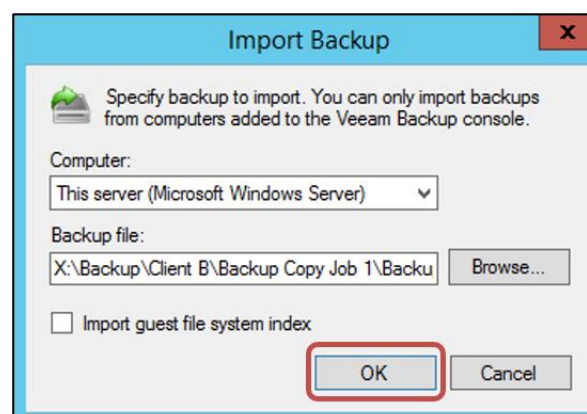
6. Click OK to continue.
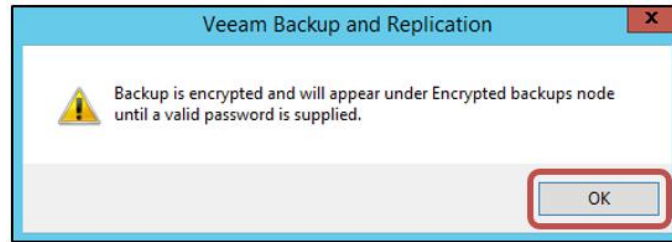
7. Select your local disk and select your backup copy job on the list below *Name*; then, click Open.
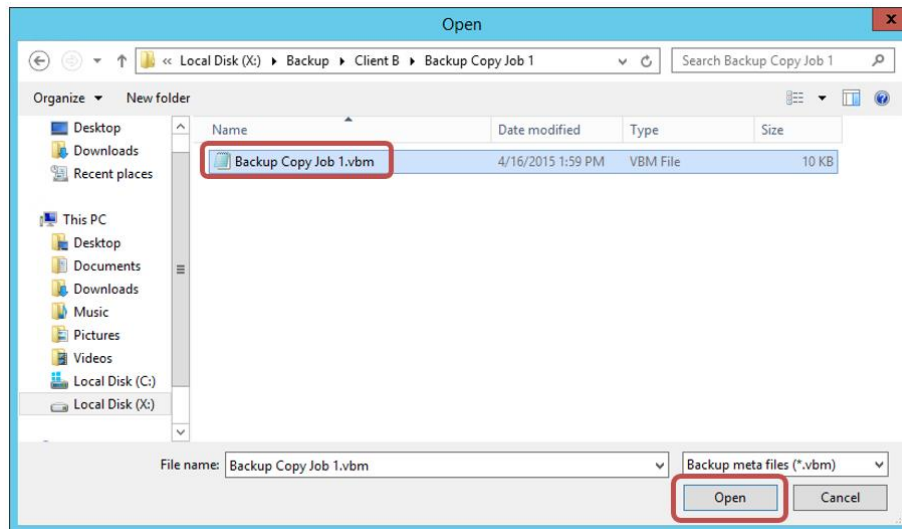
8. Type your password in the *Password* field; then, click OK.

This completes Section 2 where you accessed Backup & Replication in the Veeam console to import your backup copy job to a local disk. Next, proceed to Section 3 to restore your entire VM.

SECTION 3: RESTORING YOUR ENTIRE VM

In Section 3, you will restore your entire VM. After selecting your virtual machine, restore location, host server, datastore, and network, your entire VM will be restored to the eFolder Continuity Cloud using the Veeam Backup & Replication software.

1. You can view your backup copy job by clicking the Disk (Imported) option on the left below Backups. Your backup copy job should be listed below *Job Name*.
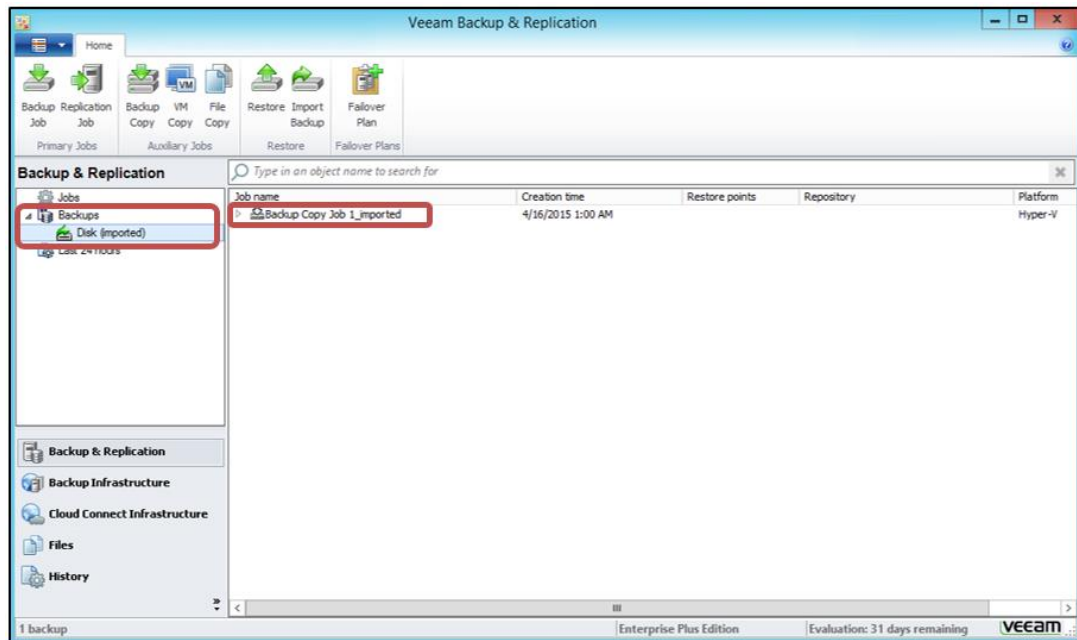
2. Select Entire VM in the *Restore from backup* list and click Next.
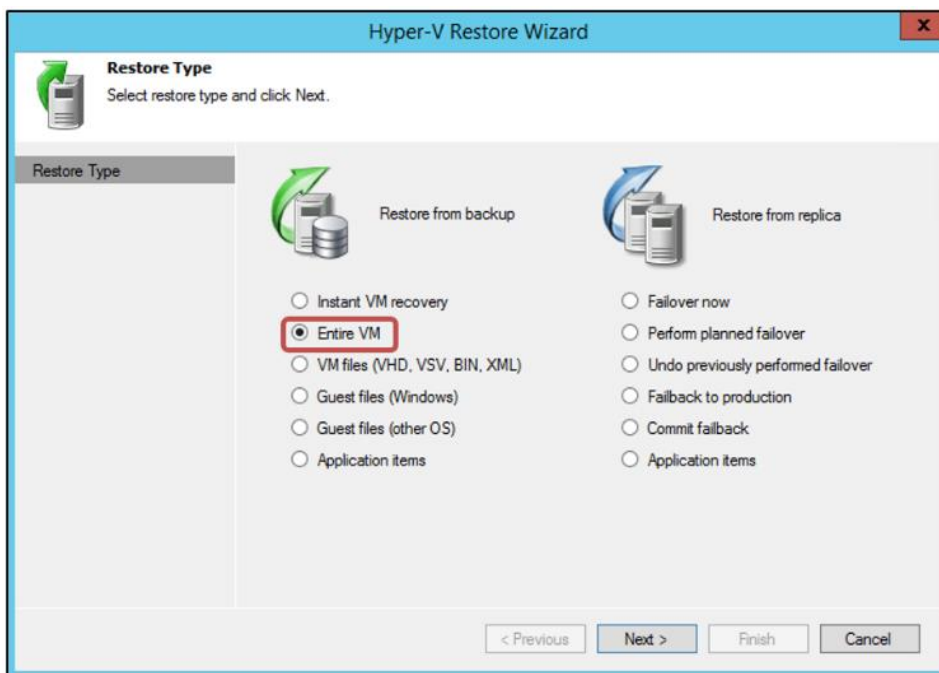
3. On the *Full VM Restore* page, click Add VM and select From Backup in the drop-down list.
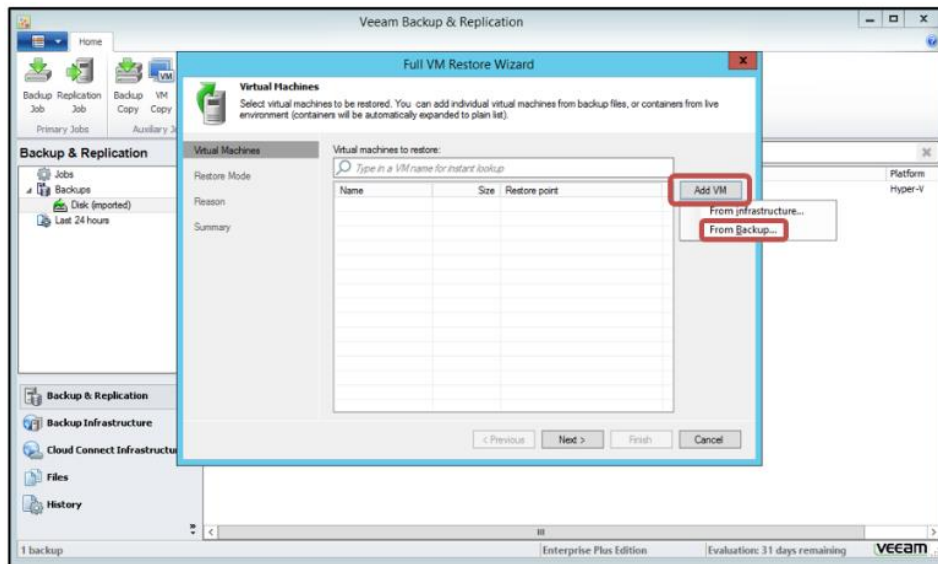
4. In the *Backups Browser*, select your virtual machine below the Backup Copy Job option; then, click Add.
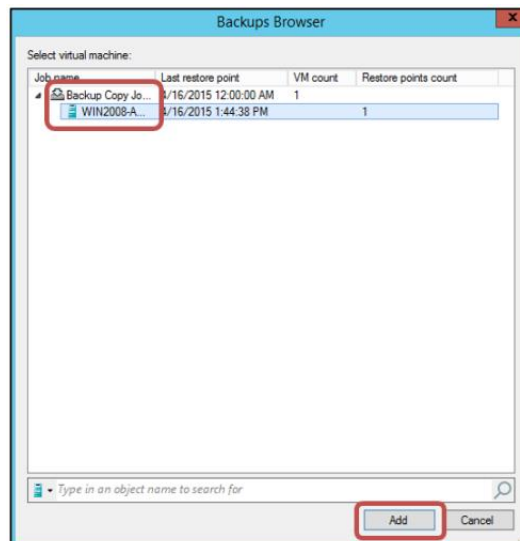
5. Click Next to accept the virtual machine (VM) that will be restored.
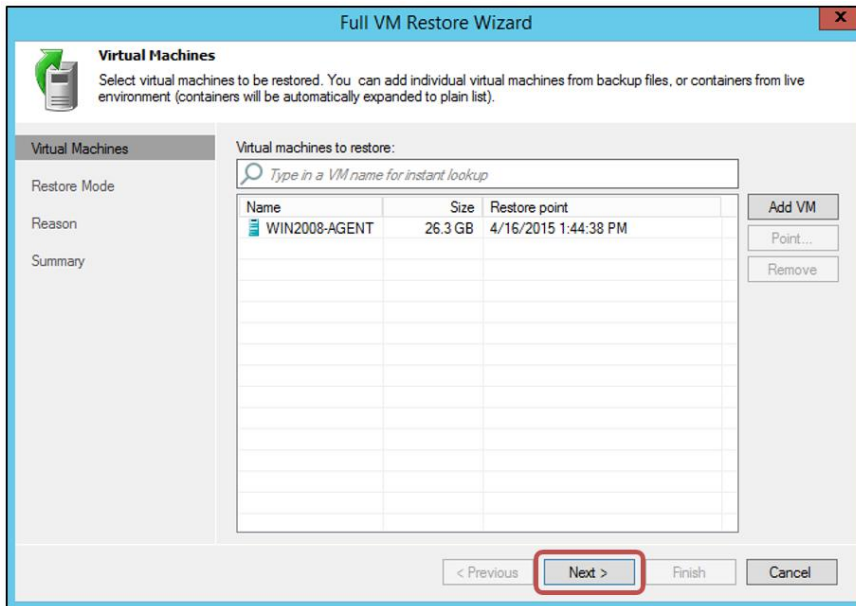
6. Select Restore to a new location, or with different settings; then, click Next.
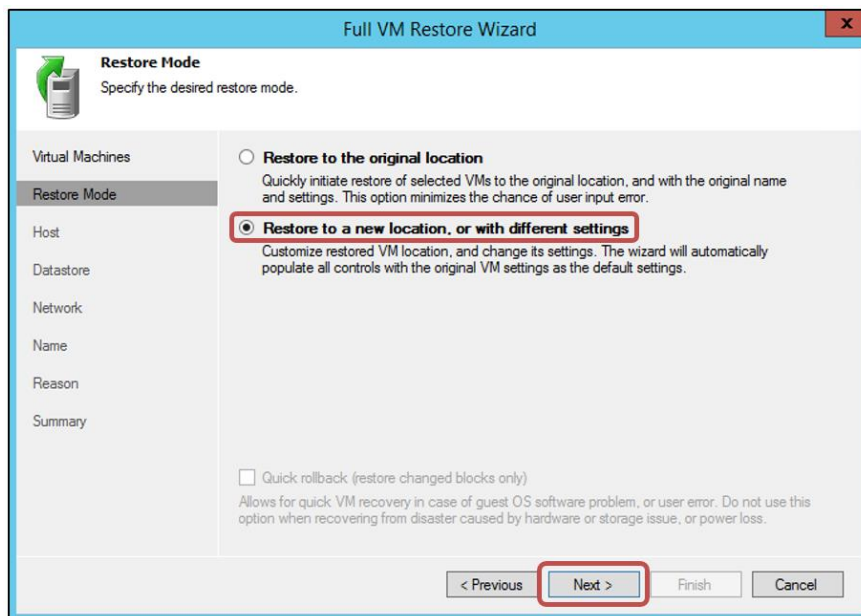
7. Click Host   to select your host server.
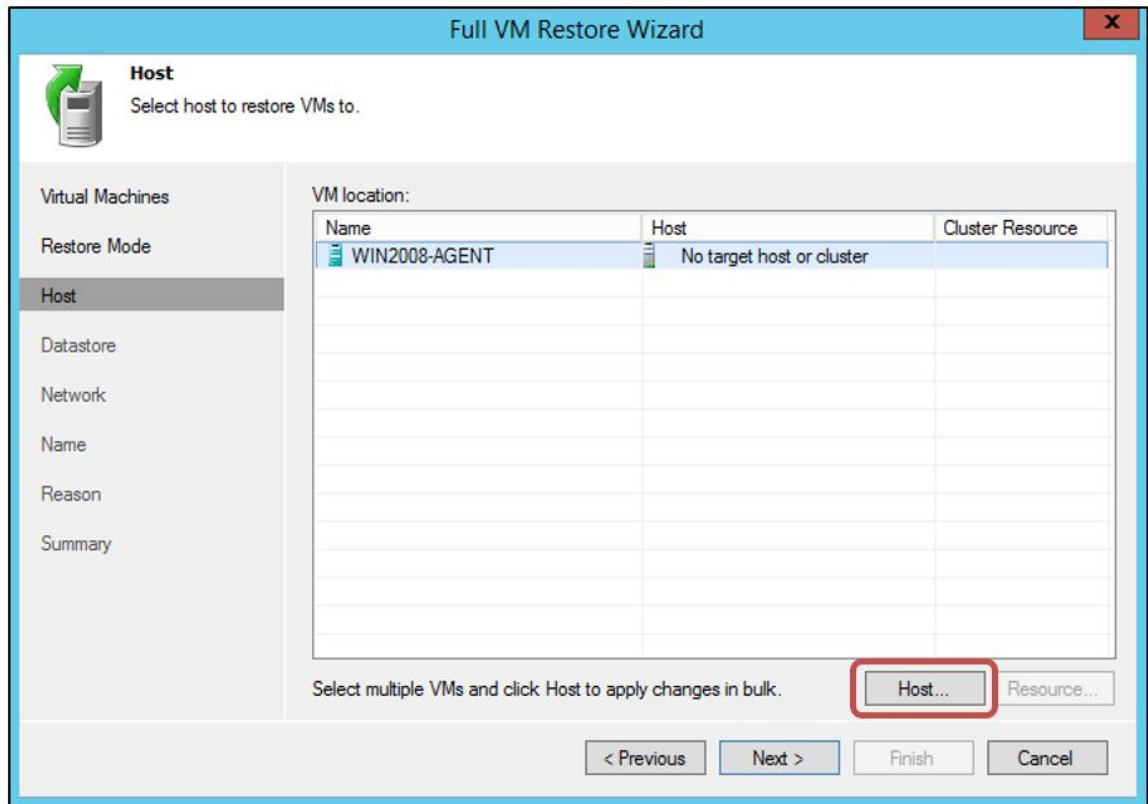
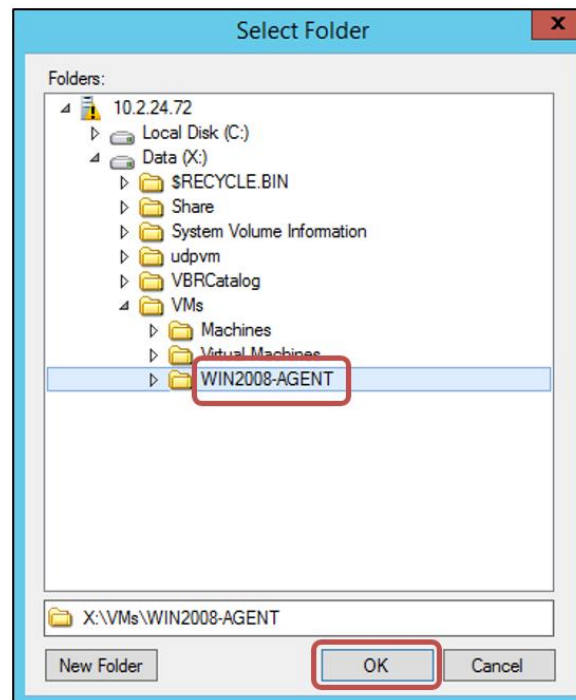8. Select your host server (IP address) below the Hosts option; then, click OK.
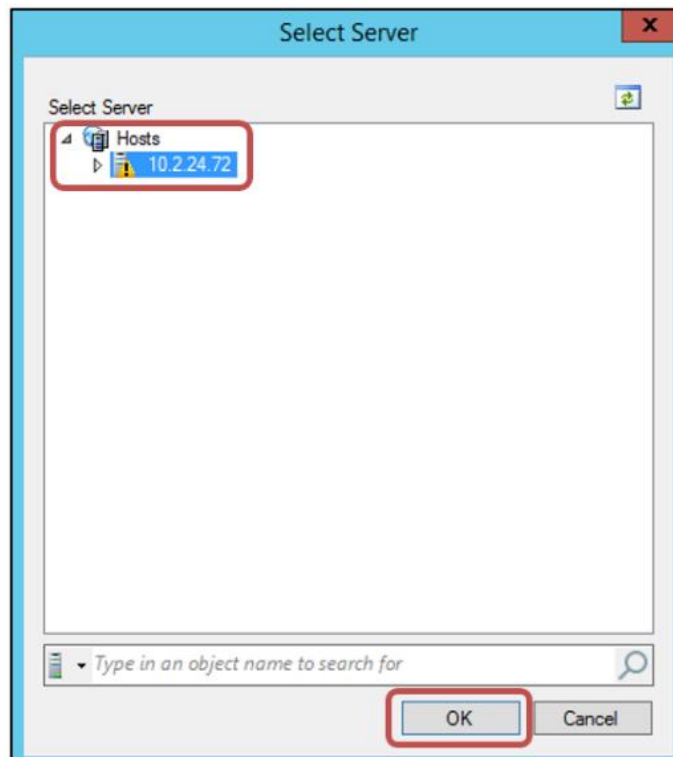
9. Click Next to accept the selected host server.
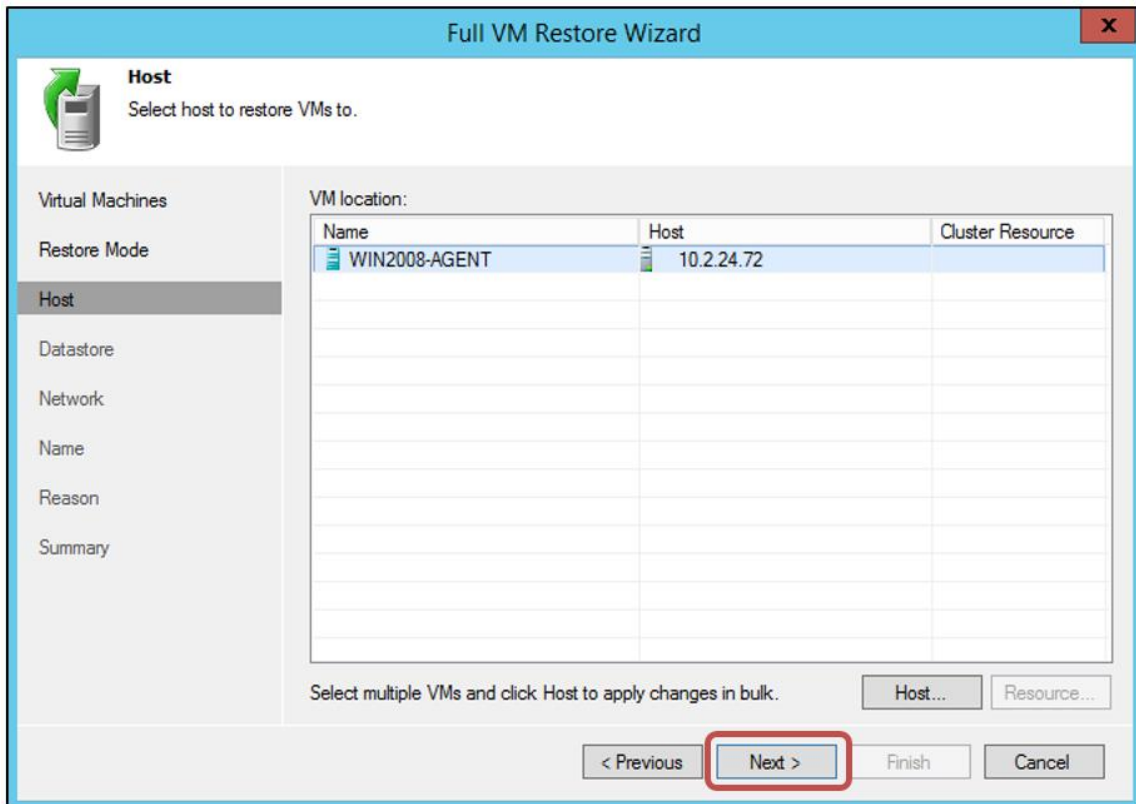
10. Select your datastore file location; then, click Path.
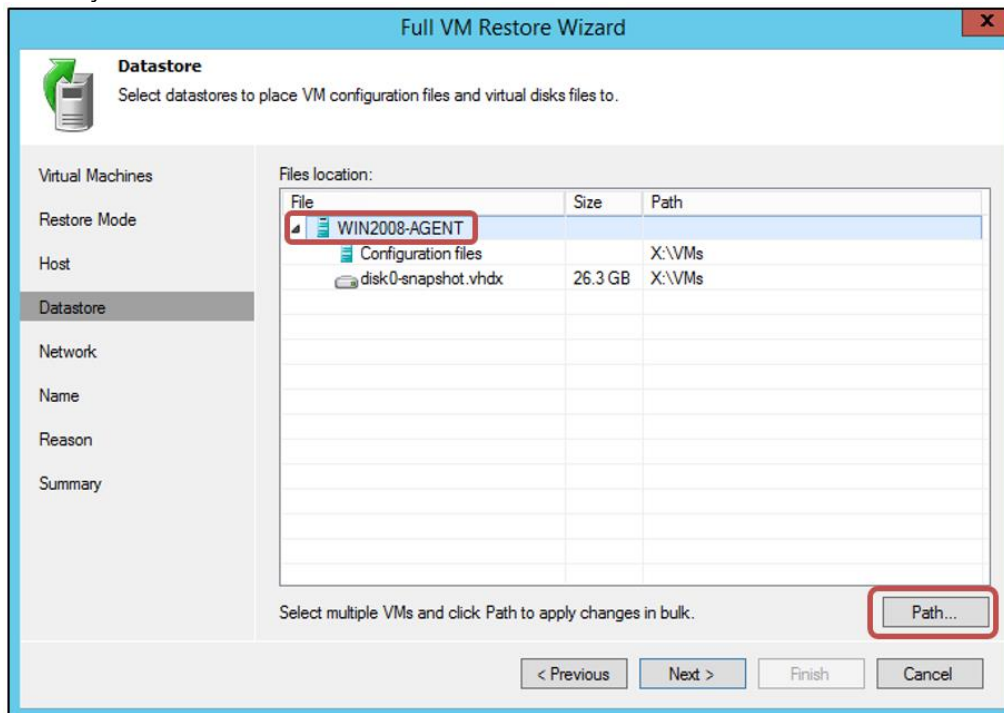
11. Create a folder with the server name that is being restored and select the new path, such as *X:\VMs\WIN2008-AGENT*; then, click OK.

12. Click Next to accept the datastore path.
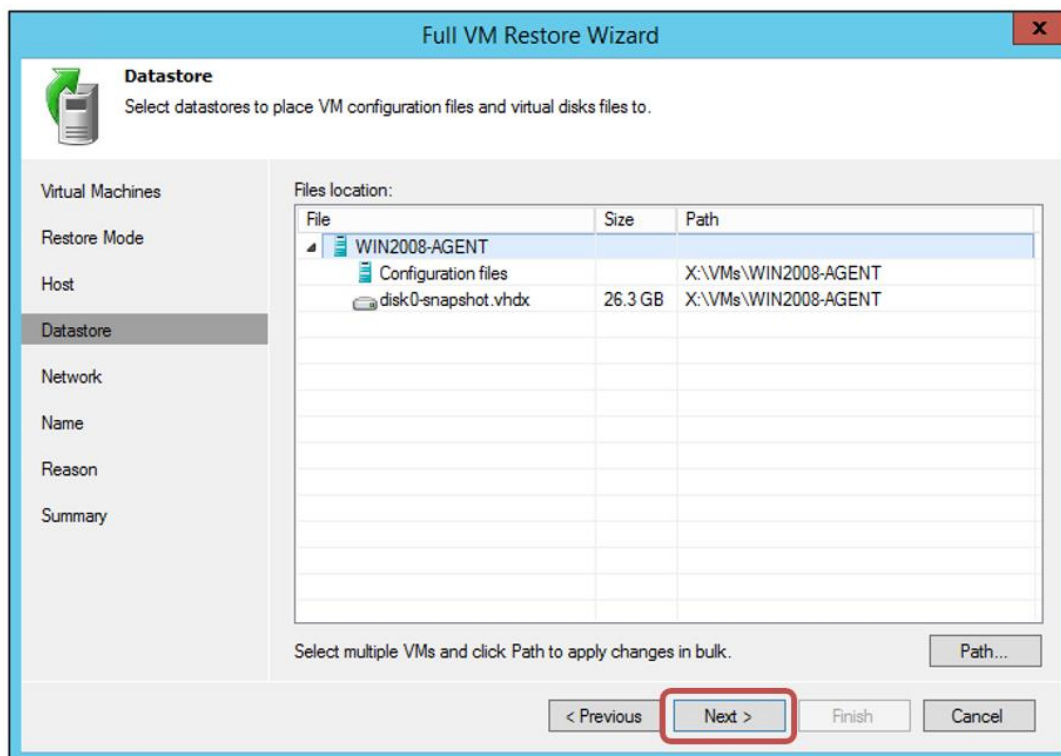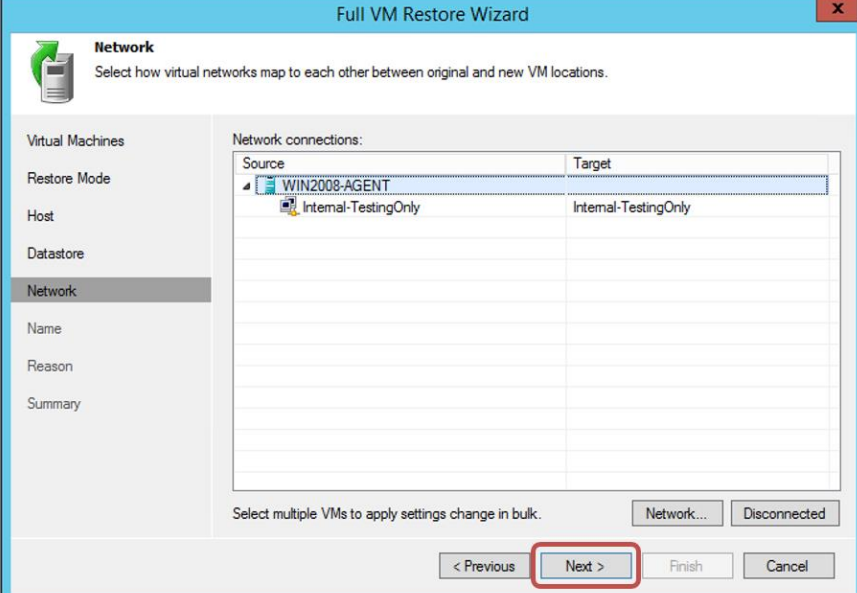
13. Select the source agent from the list of network connections; then, click Network.
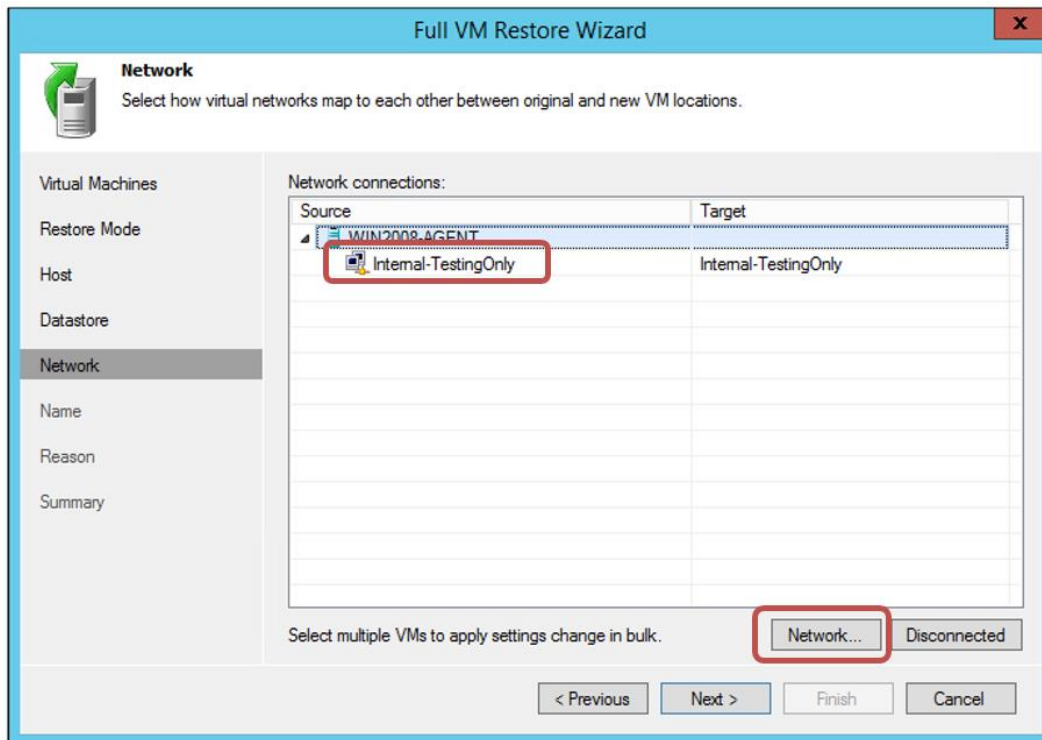
14. Select your network for the host server; then, click OK.

15. Click Next to continue.

16. Click Next to continue.

17. Click Next to continue.

18. After reviewing the summary to ensure the restore was completed successfully, click Finish. This concludes the installation and restore of the continuity cloud.

This completes the eFolder Continuity Cloud setup, the import and decryption of the backup copy job, and the restore VM process. If you have any problems during this procedure or notice errors in the log file, please call eFolder Technical Support at **678-373-0109/1-800-352-0248** or submit questions to **VeeamSupport@eFolder.net**.