SETTING UP GREENRADIUS IN HYPER-V

This document provides steps to set up GreenRADIUS in Microsoft Hyper-V

PREREQUISITES

- Windows machine on which Hyper-V is installed
- GreenRADIUS OVA file (download it from here)
- Microsoft Virtual Machine Converter 3.0 installed (download it from here)
- Software to uncompress such as 7-Zip or WinZip

STEPS

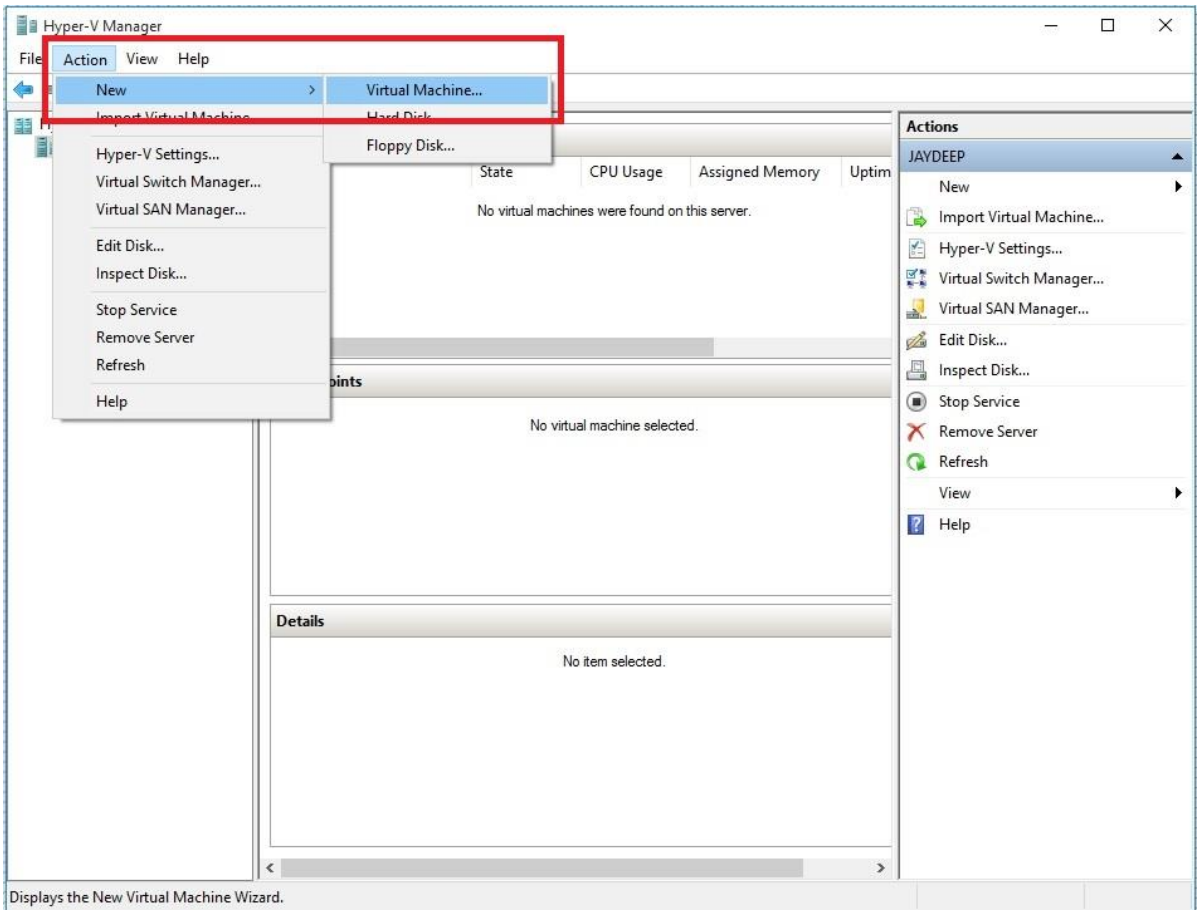
1. Log in to the Windows machine, and extract the GreenRADIUS OVA file using software to uncompress such as 7-Zip or WinZip to a folder (e.g. D:\GreenRADIUS Virtual Appliance)

2. It should create 'GreenRADIUS_Virtual_Appliance<version number>.vmdk' (e.g. GreenRADIUS_Virtual_Appliance_v4.1.11.11.vmdk) file in that folder. Note the path of vmdk file

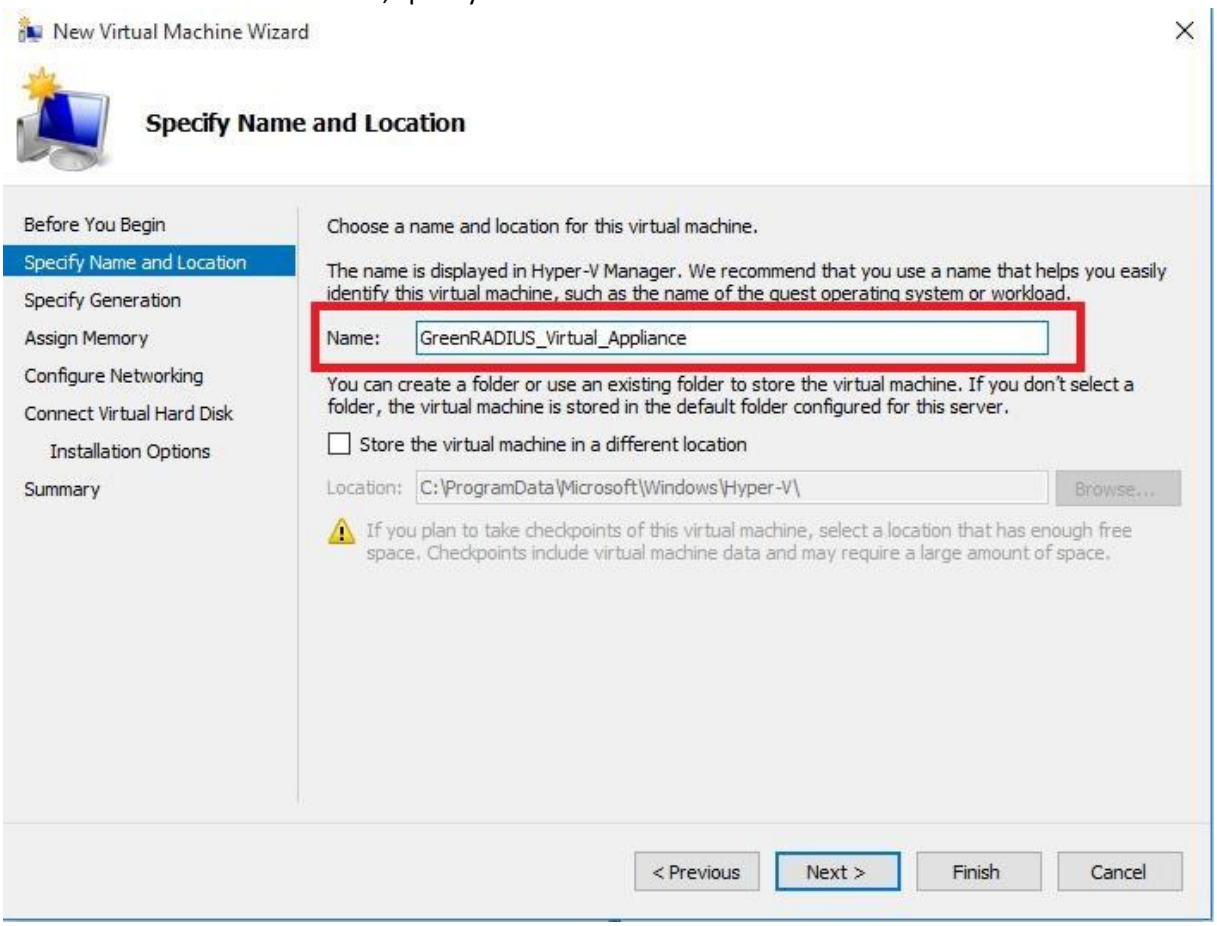
3. Open powershell using administrative access and run the following commands:
   - `# Import-Module "C:\Program Files\Microsoft Virtual Machine Converter\MvmcCmdlet.psd1"`

   - Convert the GreenRADIUS VMDK file (extracted in above steps) to Hyper-V file (i.e. VHDX) using the following command, and note the path of the output VHDX file: (e.g. in the following command, the vmdk file used is 'D:\GreenRADIUS Virtual Appliance\GreenRADIUS_Virtual_Appliance_v4.1.11.11.vmdk' and the output file is specified as 'D:\Demo\GreenRADIUS_Virtual_Appliance.vhdx'
     - `# ConvertTo-MvmcVirtualHardDisk -SourceLiteralPath "D:\GreenRADIUS Virtual Appliance\GreenRADIUS_Virtual_Appliance_V4.1.11.11-disk1.vmdk" -DestinationLiteralPath "D:\Demo\GreenRADIUS_Virtual_Appliance.vhdx" -VhdType DynamicHardDisk -VhdFormat Vhdx`

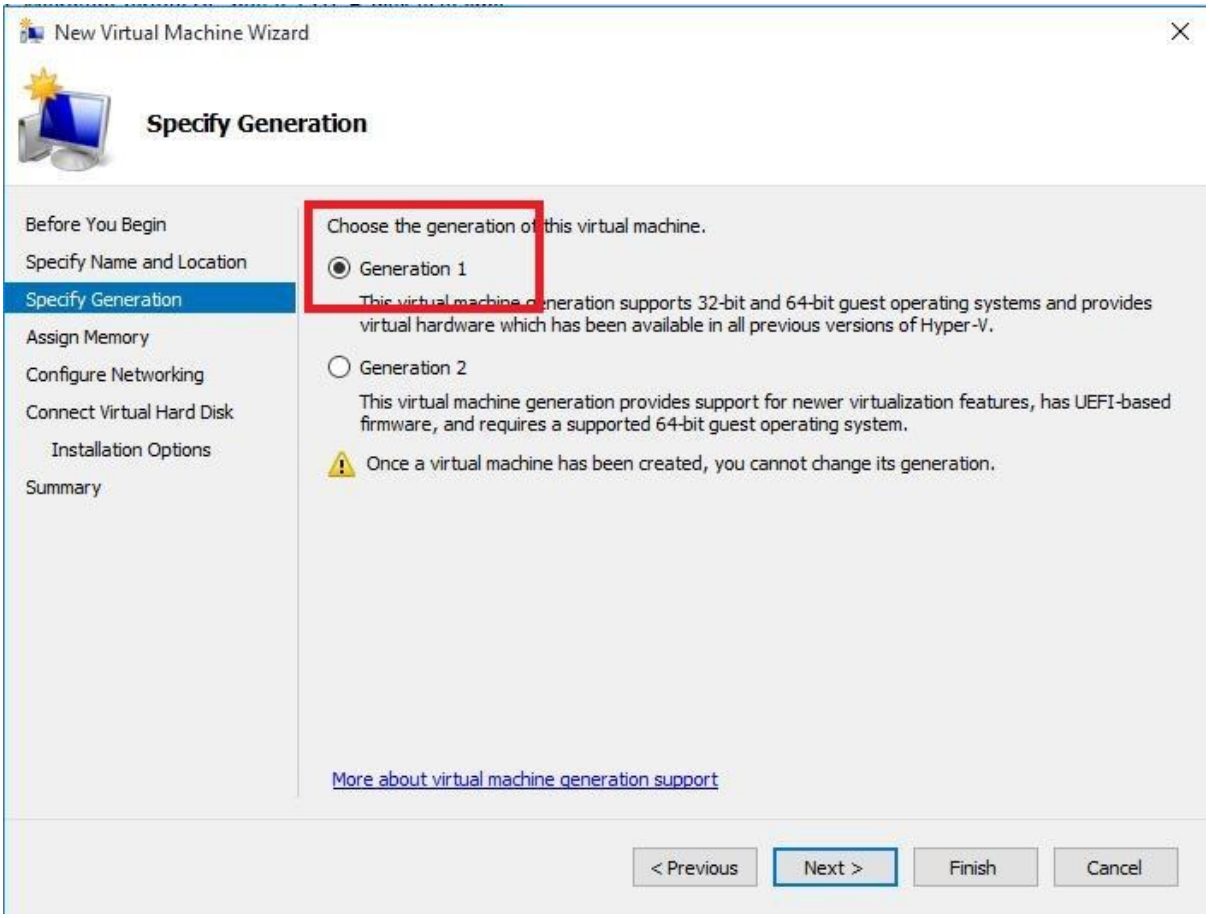
4. Open '**Hyper-V Manager**' console, select **Action** Tab, click on **New** and select **Virtual Machine**, as shown in the screenshot given below:


Hyper-V Manager
File
Action
View
Help
New
Virtual Machine...
Floppy Disk...
Hyper-V Settings...
Virtual Switch Manager...
Virtual SAN Manager...
Edit Disk...
Inspect Disk...
Stop Service
Remove Server
Refresh
Help
State
CPU Usage
Assigned Memory
Uptim
No virtual machines were found on this server.
No virtual machine selected.
Details
No item selected.
Actions
JAYDEEP
New
Import Virtual Machine...
Hyper-V Settings...
Virtual Switch Manager...
Virtual SAN Manager...
Edit Disk...
Inspect Disk...
Stop Service
Remove Server
Refresh
View
Help
Displays the New Virtual Machine Wizard.

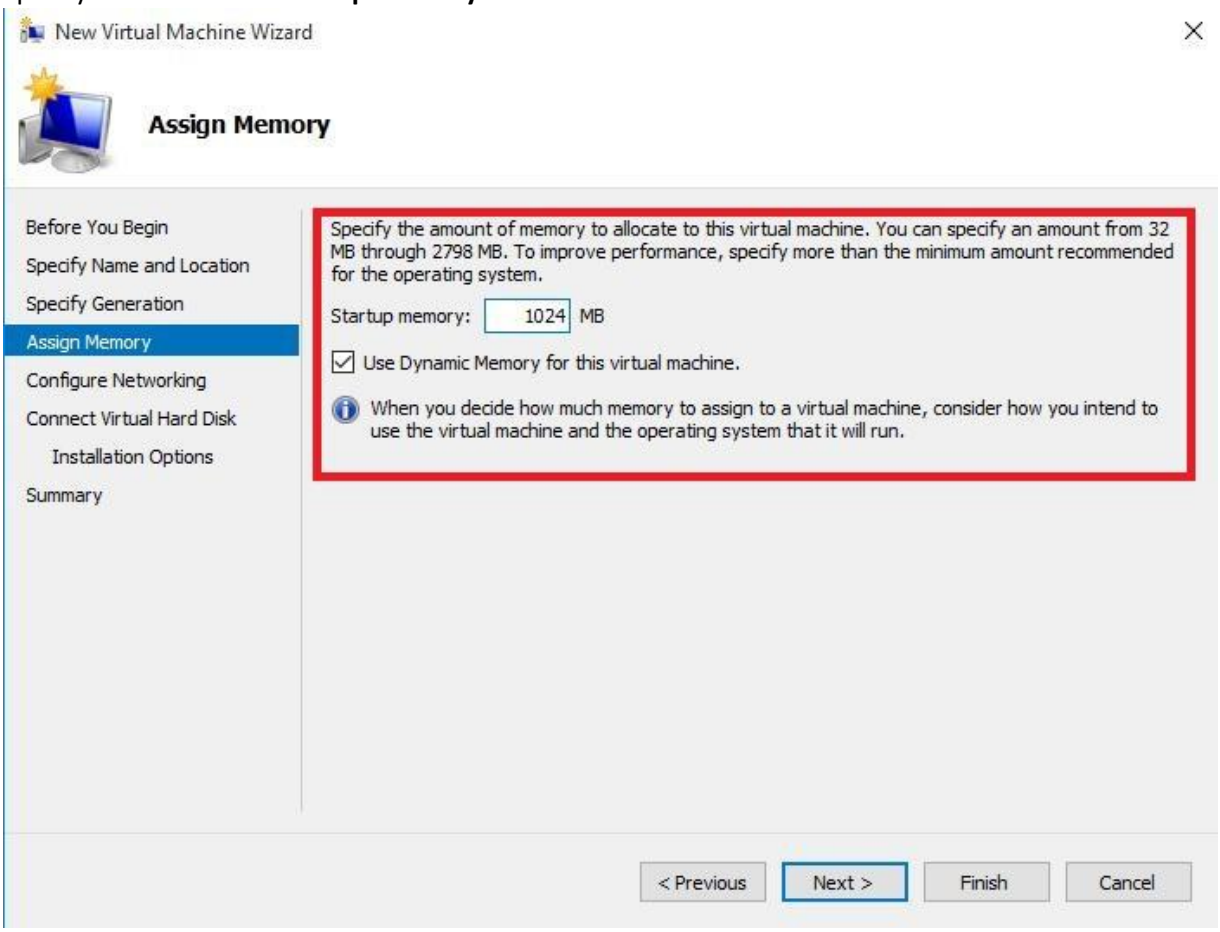
5. In **New Virtual Machine Wizard**, specify **Name** and **Location** and click on **Next**



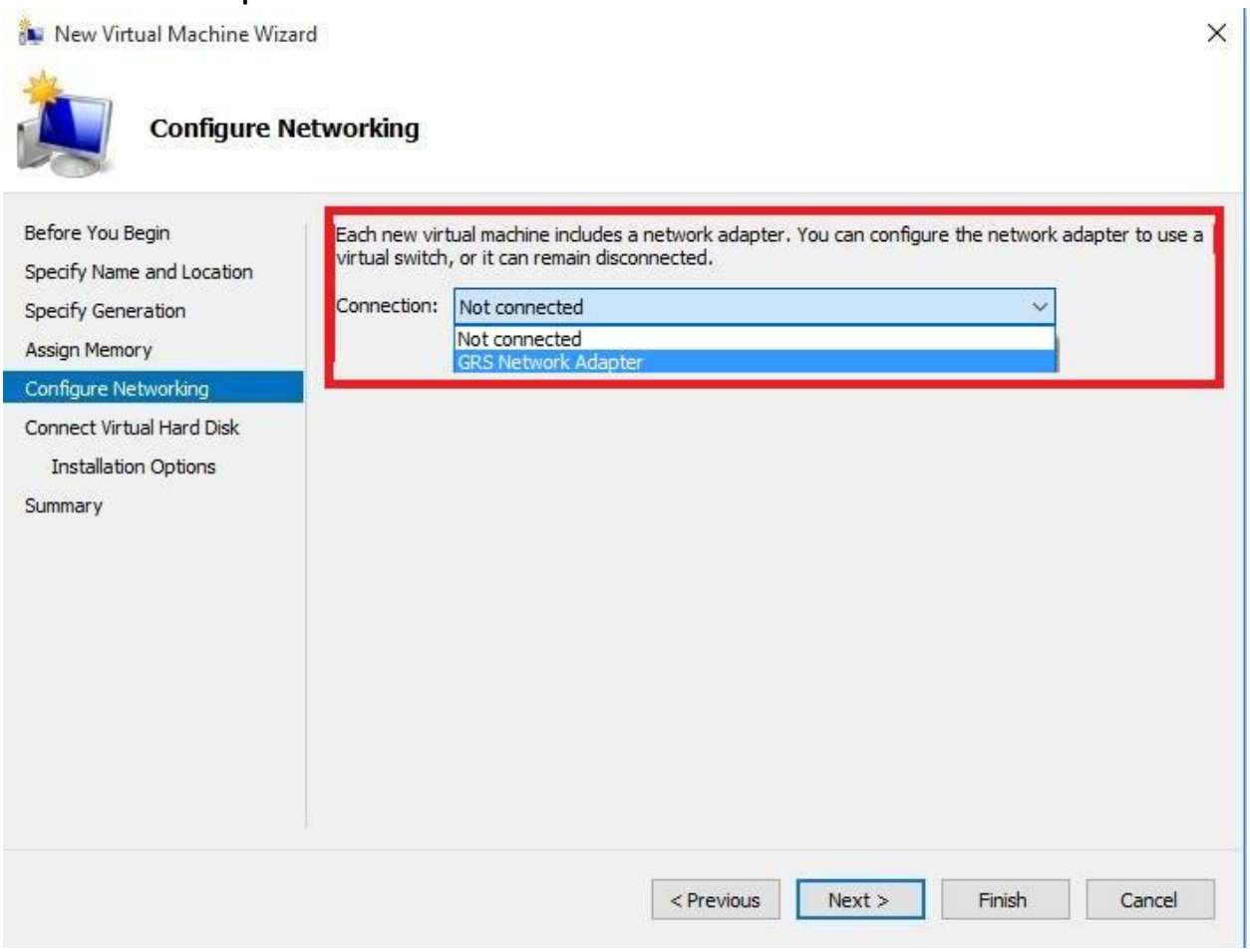
6. Select **Generation 1** and click on **Next**



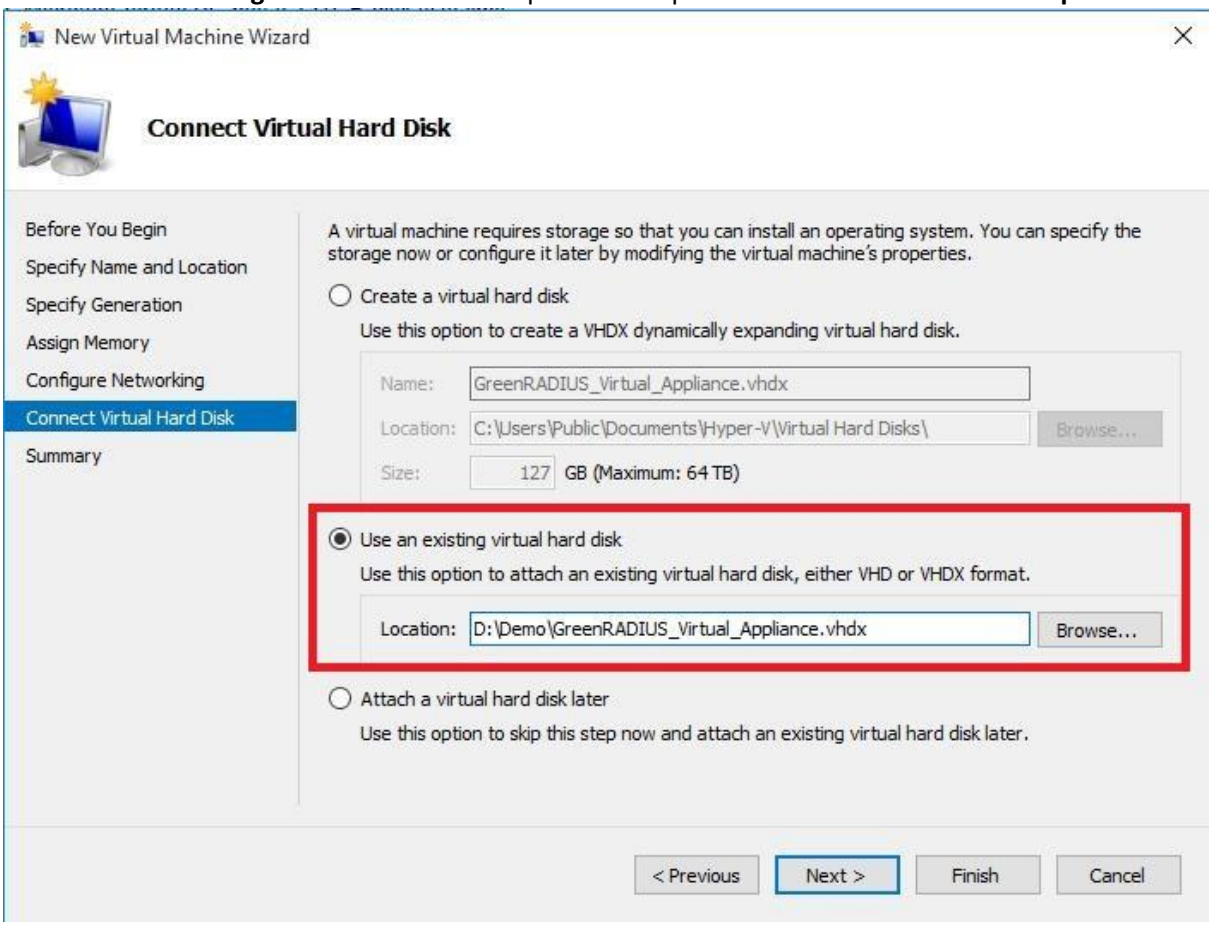
7. Specify RAM in MB for **Startup Memory** and click on **Next**



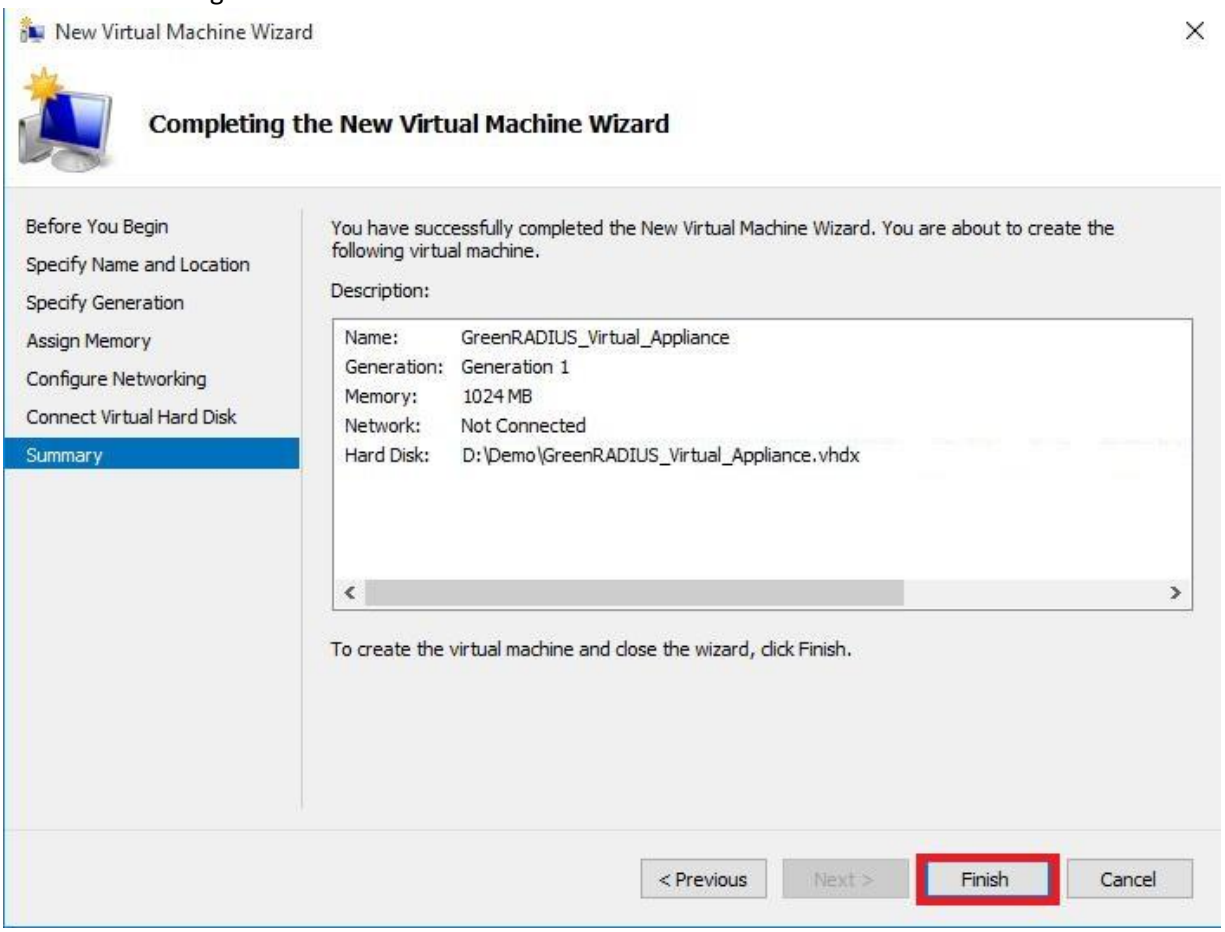
8. Select **Network Adapter** and click on **Next**



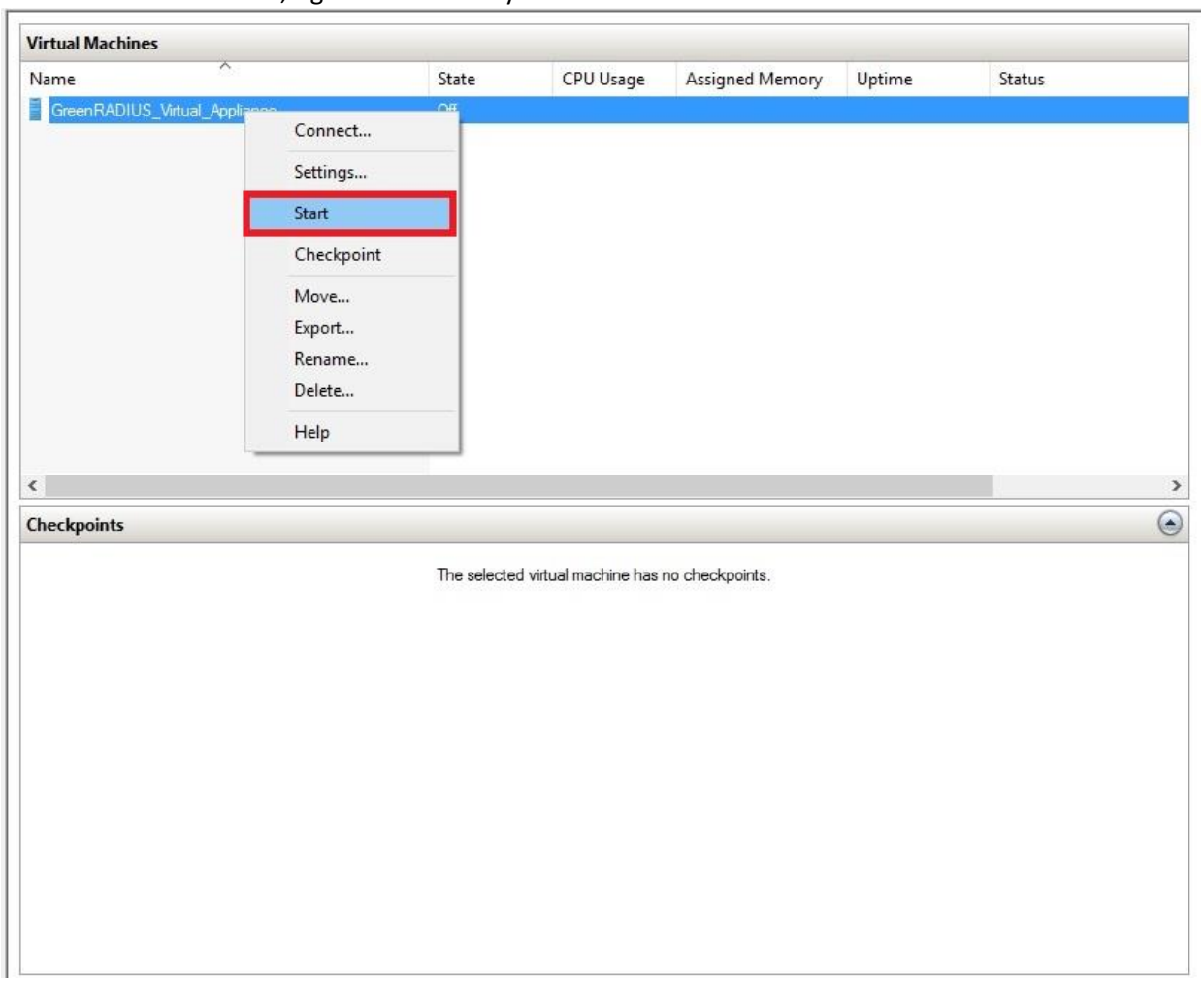
9. Select **Use an existing virtual hard disk** and provide the path of the vhdx file noted in **step 3**



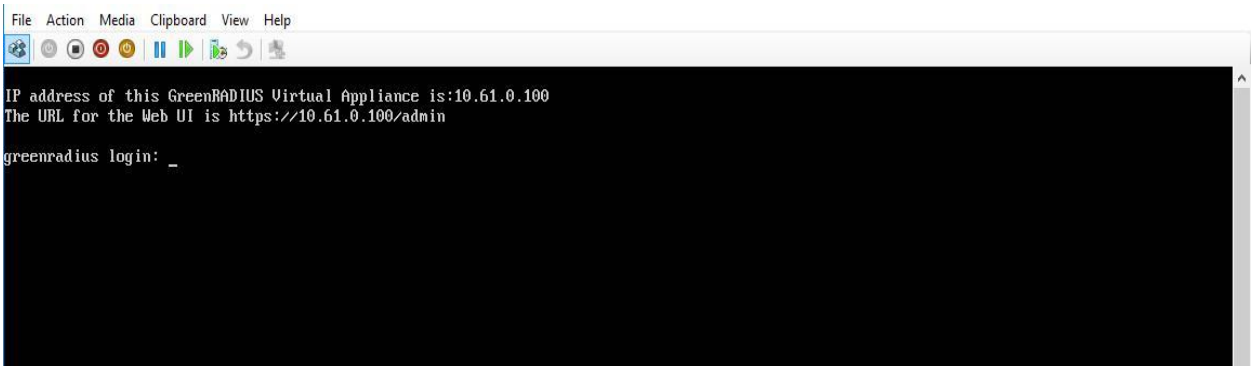
10. Review the settings and click on **Finish**



11. Under **Virtual Machines**, right click on newly created virtual machine and click on **Start**



12. You should see the GreenRADIUS virtual appliance console window



13. Log in to the GreenRADIUS web admin console any web browser and using following link: https://<hostname or IP address of GreenRADIUS>/admin