

Inštalácia služby GreenRADIUS na virtuálnej platforme Hyper-V

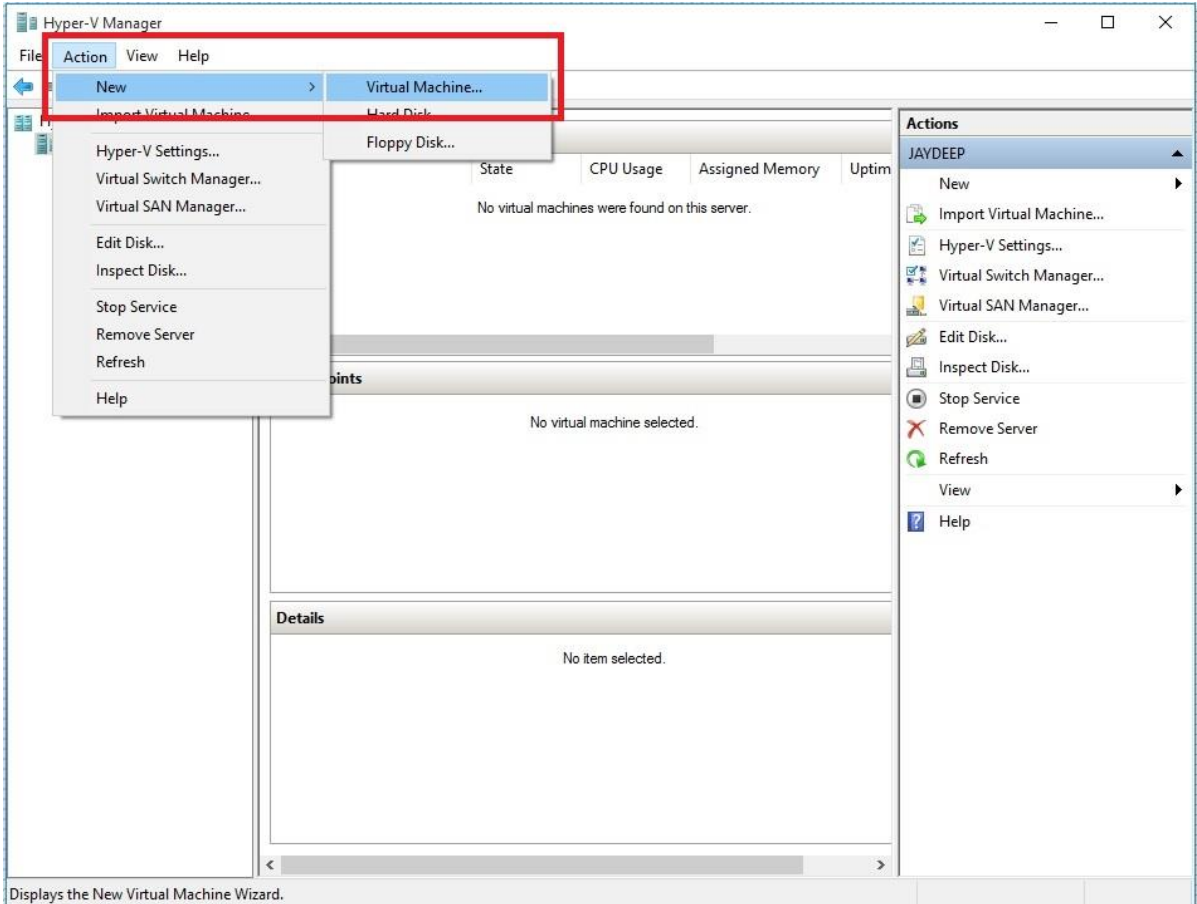
Tento dokument opisuje kroky na konfiguráciu GreenRadius v prostredí Hyper-V.

PREDPOKLADY

- Počítač so systémom Windows a nainštalovanou technológiou Hyper-V
- Súbor OVA GreenRADIUS
- 7-zip alebo Winzip v počítači
- Inštalácia Microsoft Virtual Machine Converter 3.0

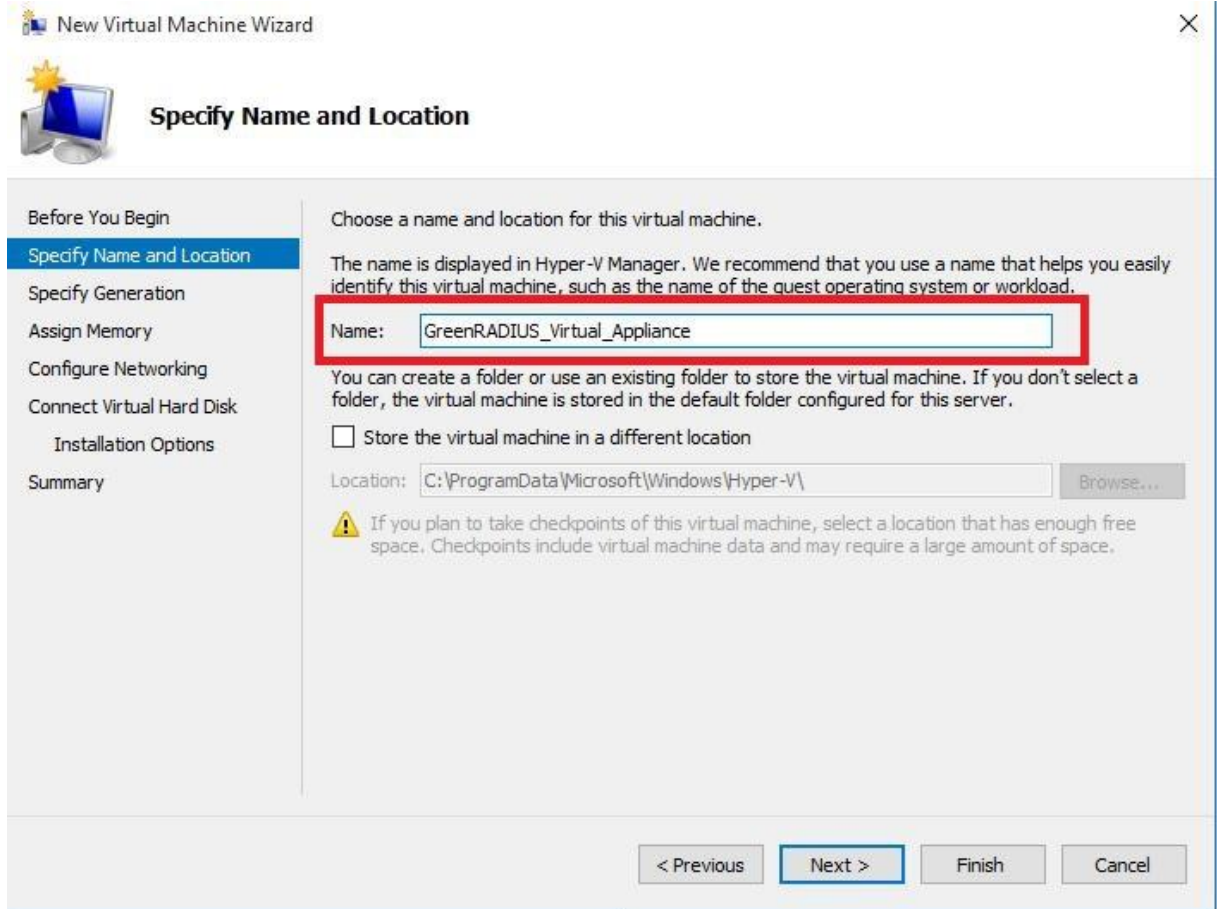
NASTAVENIA

1. Prihláste sa do systému Windows a pomocou programu 7-zip alebo WinZip rozbaľte súbor GreenRADIUS OVA do vybraného priečinka (napr. D:\GreenRADIUS Virtual Appliance)
2. Potom sa v priečinku vytvorí súbor vo formáte 'GreenRADIUS_Virtual_Appliance<version number>.vmdk' (napr. GreenRADIUS_Virtual_Appliance_v4.1.11.11.vmdk). Zapamätajte si prístup k súboru vmdk.
3. Otvorte PowerShell s oprávneniami správcu a spustíte nasledujúce príkazy:
 - `# Import-Module "C:\Program Files\Microsoft Virtual Machine Converter\MvmcCmdlet.psd1"`
 - Preveďte súbor GreenRADIUS VMDK (rozbalený vo vyššie uvedených krokoch) na súbor Hyper-V (napr. VHDX) pomocou nasledujúceho príkazu, a zapamätajte si cestu k výstupnému súboru VHDX (napr. v nasledujúcom príkaze je použitý súbor vmdk 'D:\GreenRADIUS_Virtual_Appliance\GreenRADIUS_Virtual_Appliance_v4.1.11.11.vmdk' a výstupný súbor '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. Otvorte konzolu "**Hyper-V Manager**", vyberte kartu "**Action**", kliknite na "**New**" a potom vyberte "**Virtual Machine**" ako je znázornené na obrázku nižšie:



Displays the New Virtual Machine Wizard.

5. V sprievodcovi "New Virtual Machine" zadajte názov cesty a kliknite na tlačidlo "Next".



New Virtual Machine Wizard

Specify Name and Location

Before You Begin

Specify Name and Location

Specify Generation

Assign Memory

Configure Networking

Connect Virtual Hard Disk

Installation Options

Summary

Choose a name and location for this virtual machine.


The name is displayed in Hyper-V Manager. We recommend that you use a name that helps you easily identify this virtual machine, such as the name of the guest operating system or workload.

Name:

You can create a folder or use an existing folder to store the virtual machine. If you don't select a folder, the virtual machine is stored in the default folder configured for this server.

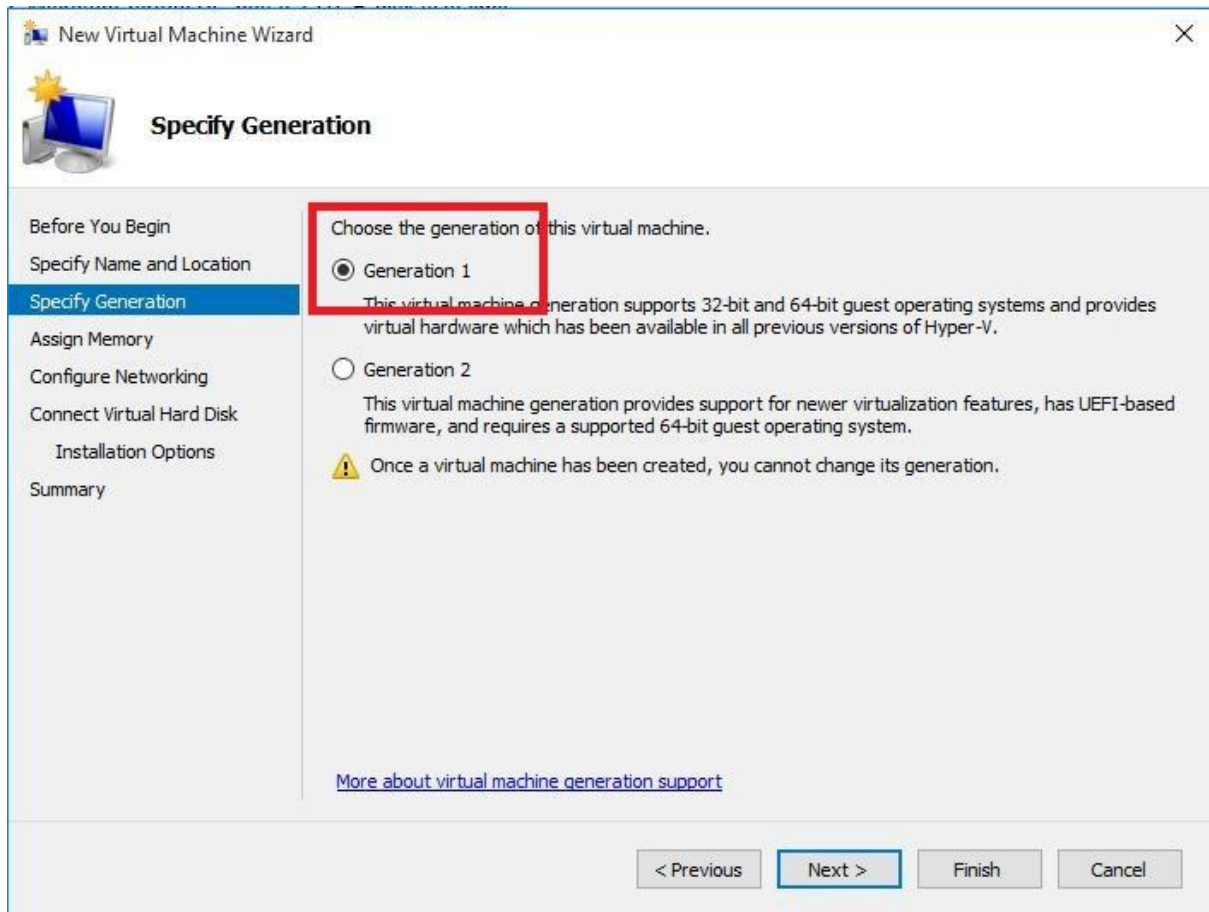
Store the virtual machine in a different location

Location:

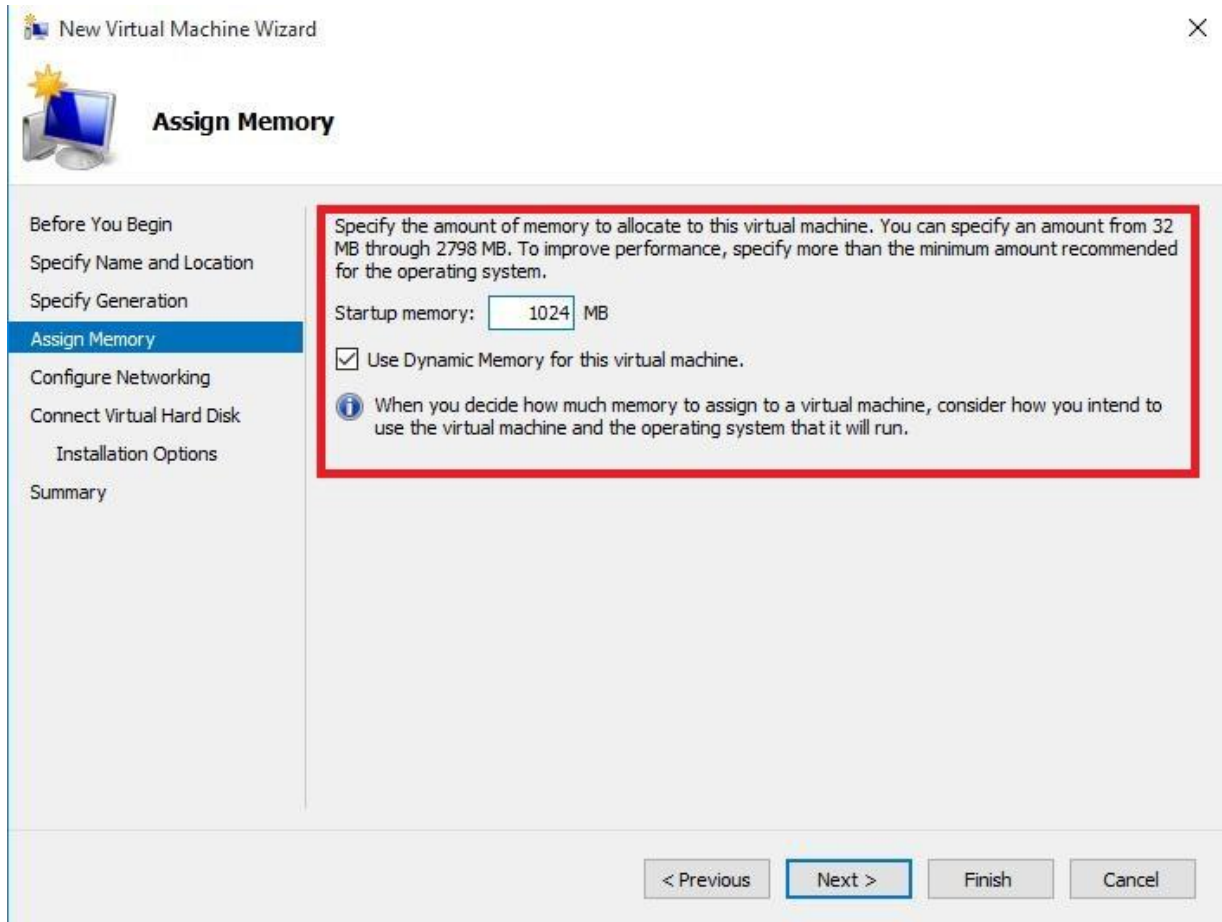
 If you plan to take checkpoints of this virtual machine, select a location that has enough free space. Checkpoints include virtual machine data and may require a large amount of space.

< Previous **Next >** Finish Cancel

6. Vybete "**Generation 1**" a kliknite na "**Next**".



7. Zadajte minimálnu veľkosť pamäte na spustenie systému (MB) a kliknite na tlačidlo **"Next"**.



New Virtual Machine Wizard

Assign Memory

Before You Begin
Specify Name and Location
Specify Generation
Assign Memory
Configure Networking
Connect Virtual Hard Disk
Installation Options
Summary

Specify the amount of memory to allocate to this virtual machine. You can specify an amount from 32 MB through 2798 MB. To improve performance, specify more than the minimum amount recommended for the operating system.

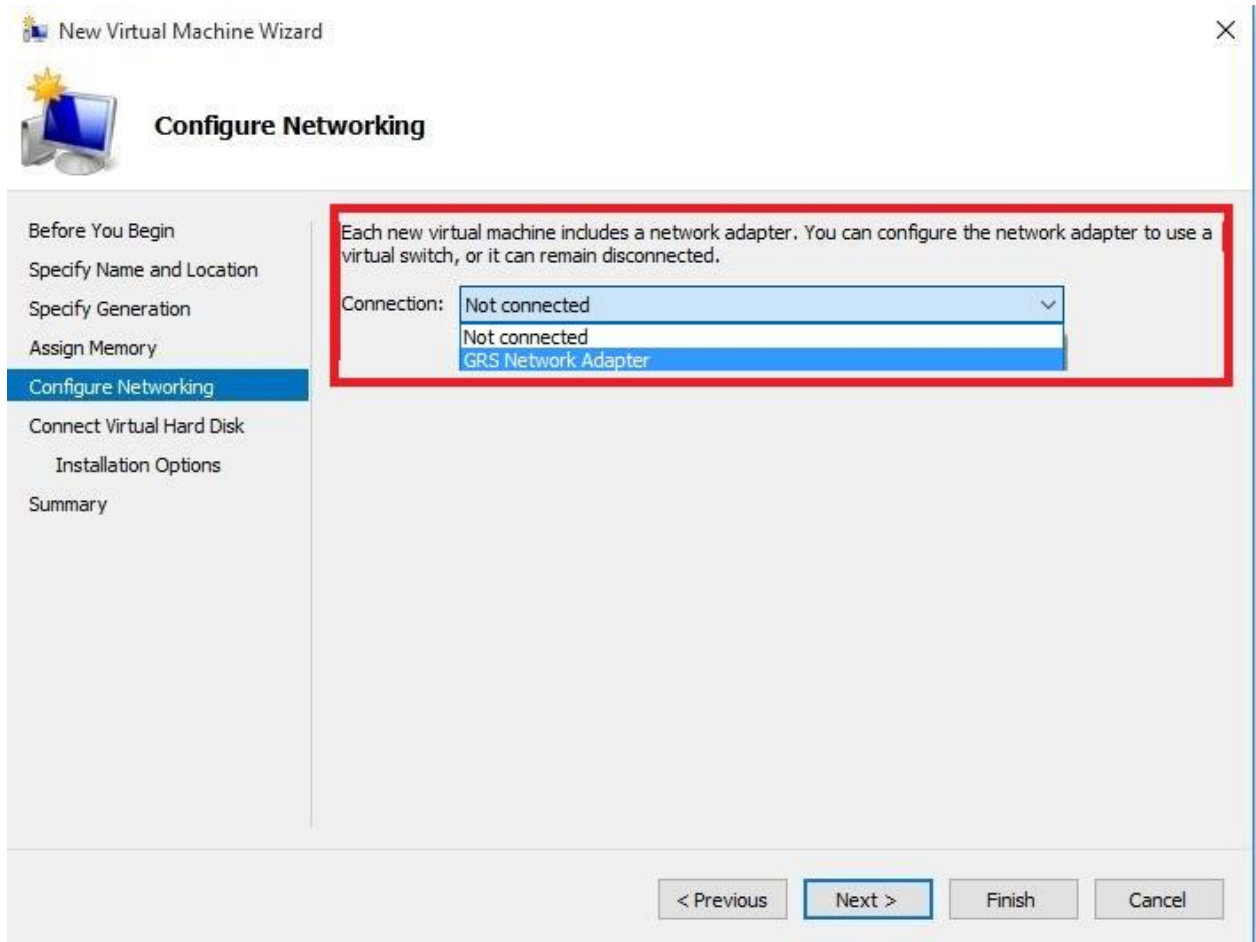
Startup memory: MB

Use Dynamic Memory for this virtual machine.

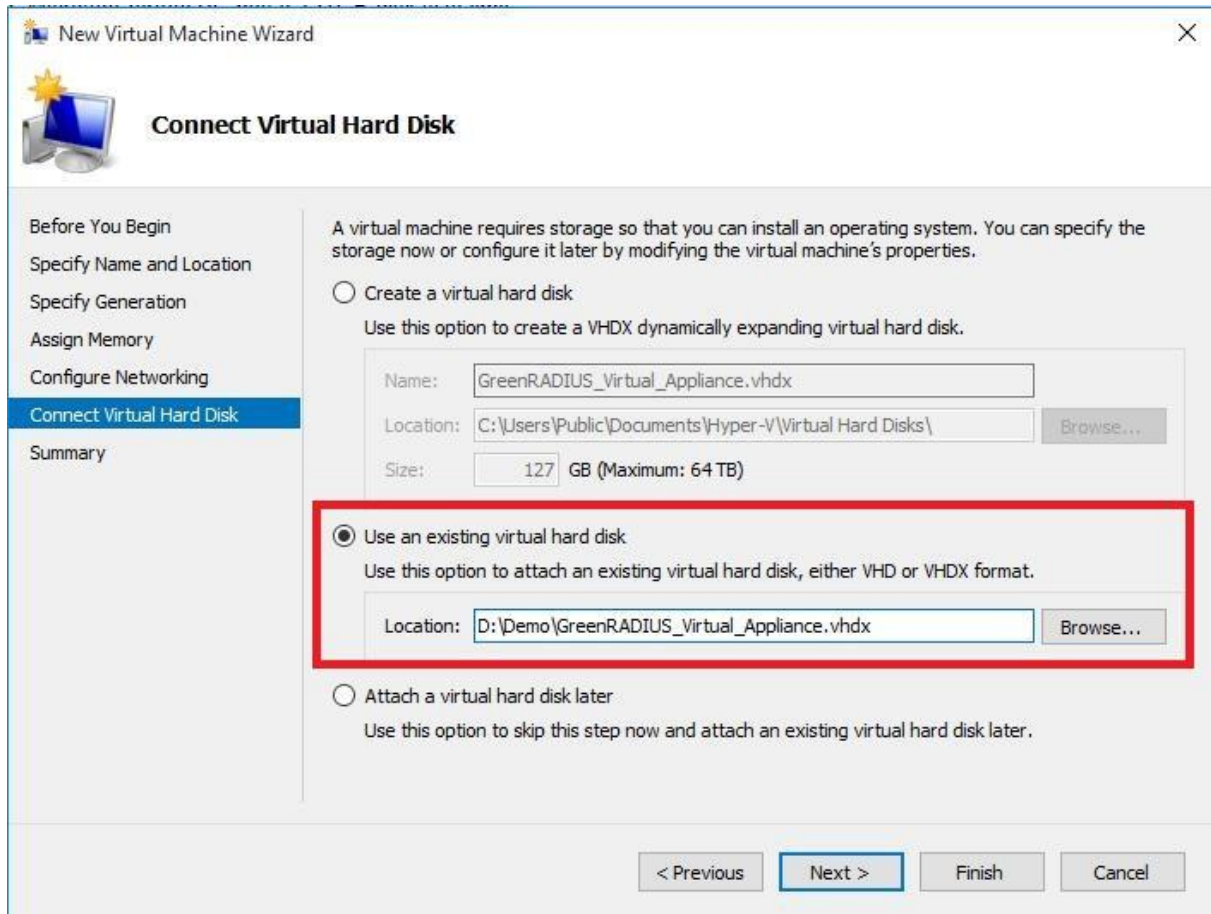
i When you decide how much memory to assign to a virtual machine, consider how you intend to use the virtual machine and the operating system that it will run.

< Previous **Next >** Finish Cancel

8. Vyberte príslušný sieťový adaptér GRS - a kliknite na tlačidlo "Next"

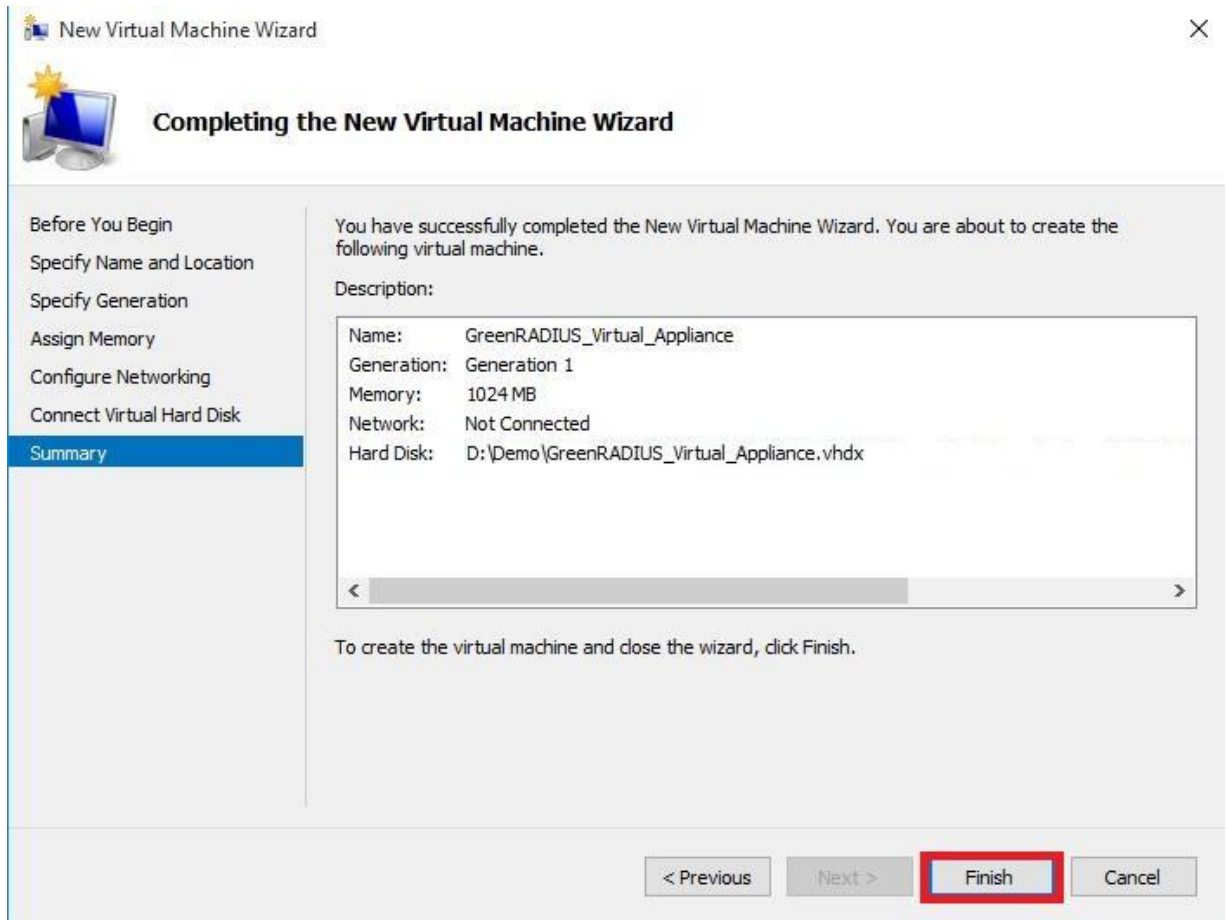


9. Vyberte možnosť "Use an existing virtual hard disk" a zadajte cestu k súboru vhdx (pozri krok 3)

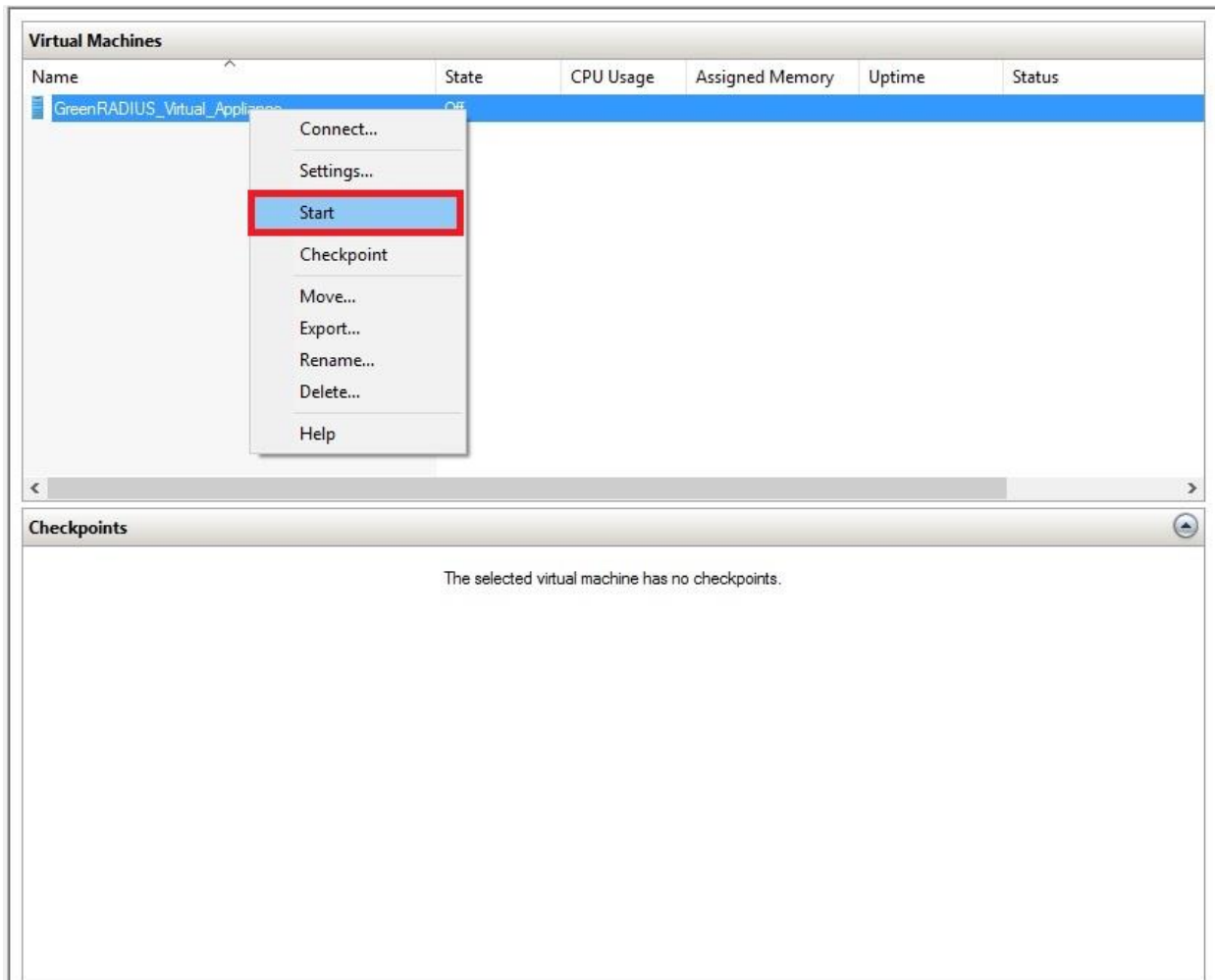


The screenshot shows the 'Connect Virtual Hard Disk' step in the 'New Virtual Machine Wizard'. The wizard is titled 'New Virtual Machine Wizard' and has a close button in the top right corner. The main title of the step is 'Connect Virtual Hard Disk'. On the left, there is a navigation pane with the following steps: 'Before You Begin', 'Specify Name and Location', 'Specify Generation', 'Assign Memory', 'Configure Networking', 'Connect Virtual Hard Disk' (which is highlighted in blue), and 'Summary'. The main area contains the following text: 'A virtual machine requires storage so that you can install an operating system. You can specify the storage now or configure it later by modifying the virtual machine's properties.' There are three radio button options: 1. 'Create a virtual hard disk' (unselected): 'Use this option to create a VHDX dynamically expanding virtual hard disk.' Below this are fields for 'Name: GreenRADIUS_Virtual_Appliance.vhdx', 'Location: C:\Users\Public\Documents\Hyper-V\Virtual Hard Disks\', and 'Size: 127 GB (Maximum: 64 TB)'. 2. 'Use an existing virtual hard disk' (selected and highlighted with a red box): 'Use this option to attach an existing virtual hard disk, either VHD or VHDX format.' Below this is a 'Location: D:\Demo\GreenRADIUS_Virtual_Appliance.vhdx' field. 3. 'Attach a virtual hard disk later' (unselected): 'Use this option to skip this step now and attach an existing virtual hard disk later.' At the bottom, there are four buttons: '< Previous', 'Next >' (highlighted in blue), 'Finish', and 'Cancel'.

10. Skontrolujte nastavenia a kliknite na tlačidlo **"Finish"**.



11. Kliknite pravým tlačidlom myši na novovytvorený virtuálny počítač a kliknite na tlačidlo "Start".



12. Teraz by ste mali vidieť okno konzoly virtuálneho počítača GreenRADIUS.



13. Prihláste sa do webového administrátorského rozhrania GreenRADIUS pomocou nasledujúceho odkazu:

<https://<hostname or IP address of GreenRADIUS>/admin>