

Instructions for using Hyper-V to run Linux Distro on Windows 10

Each operating system on the computer will create an available environment for users to view, edit and run files. However, very few people are interested in using two or more operating systems on a single computer. If you want to try a new Linux distribution counter, you can use Hyper-V virtualization technology under the wire without formatting the hard drive or booting the dual system.

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1. Which distro should I use with Linux?
2. Which Linux distros will Windows 10 put into Windows 10?

According to Microsoft, Hyper-V is available on 64-bit versions of Windows Professional, Enterprise and Education and newer versions except Windows Home.

Let us learn how to use Hyper-V to run any Linux distro on Windows 10!

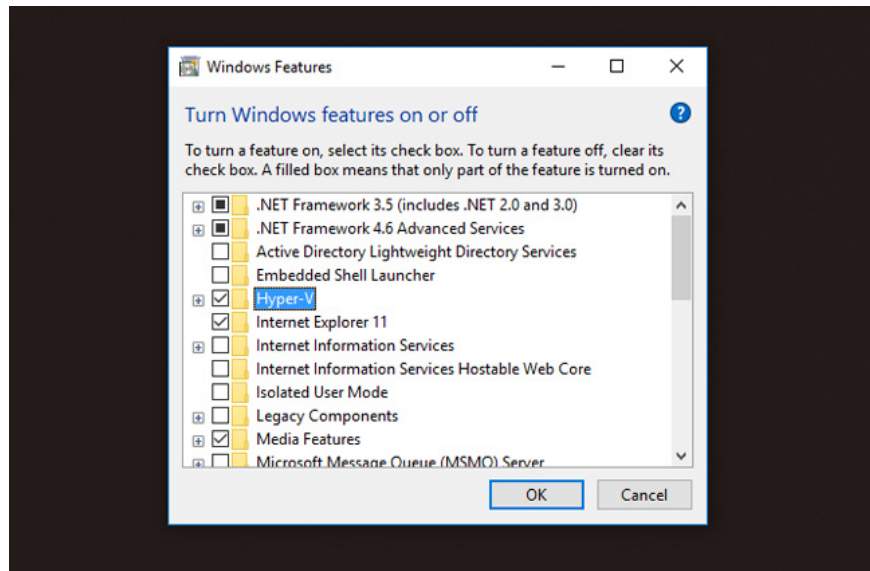
Install Hyper-V

In general, the ways to install Hyper-V are quite simple, in which the simplest way is PowerShell and Windows Features.

For PowerShell, open the PowerShell application by clicking on the Start menu and typing **PowerShell** . Right-click the Windows PowerShell option and select **Run as administrator** . Then enter the following parameters in PowerShell:

Enable-WindowsOptionalFeature -Online -FeatureName: Microsoft-Hyper-V -All

Press **Enter** and you will be prompted to download Hyper V. You can also download Hyper V using the GUI (GUI) by typing **windows features** into the Start menu and clicking the **Turn Windows features option on or off** .

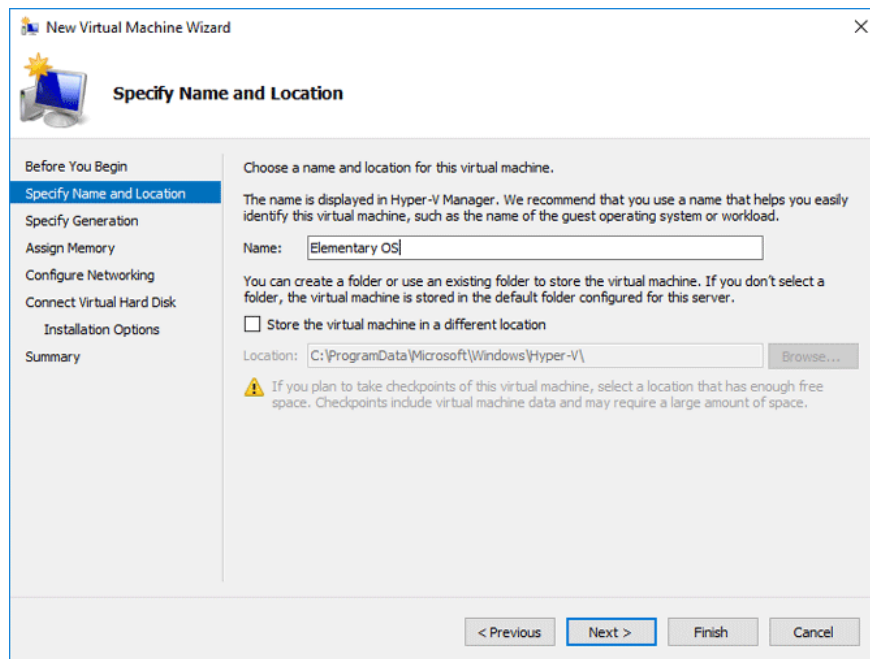


Activate the Hyper V option and select **OK** to download.

Running Linux from Hyper V

Now we can start by opening the Hyper-V Manager. Open the Start menu and type **hyper v** to see this option.

Next, we will need to create a virtual machine from the ISO file. Right-click on the parameter named **DESKTOP** on the left side of the window, below the Hyper-V Manager. Select **New> Virtual Machine** .

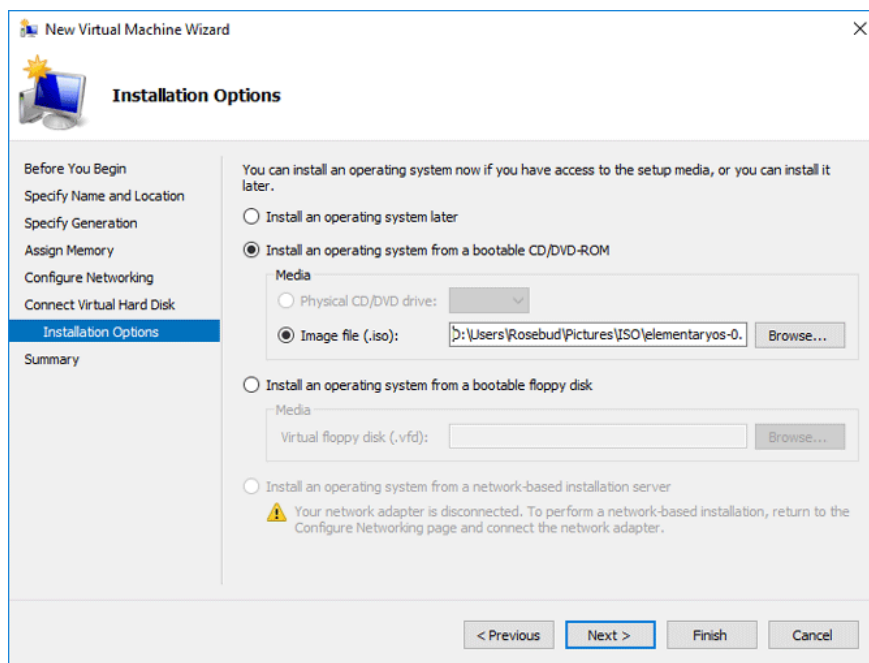


This will open the Virtual Machine Wizard. This wizard will guide you through the process of creating a virtual machine.

Follow the wizard's instructions but note the following:

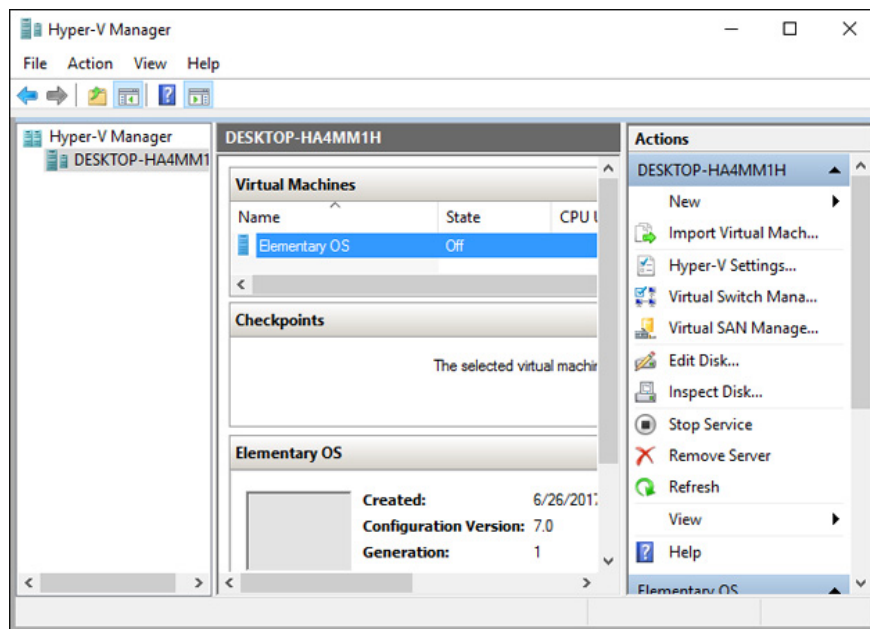
1. **Assign Memory:** You will specify the size of the boot RAM for the virtual machine. Remember, your RAM limit determines the overall speed of the virtual machine. Try to keep the virtual machine in good working order - 4 GB will allow your virtual machine to run standard applications and 8 GB to run games that use a lot of machine resources. To make sure your virtual machine runs smoothly, check Use Dynamic Memory for this virtual machine.
2. **Connect Virtual Hard Disk:** Select **Create a virtual hard disk** . With Size parameters, remember that it includes both the operating system size and the additional memory of the files and programs. For example, Windows 10 will account for about 20 GB for the 64-bit version.

Go to **Installation Options** . In this window, select **Install an operating system from a bootable CD / DVD-ROM** . Next, select the **Image file** button (.iso) and select the **ISO file** via the Browse button.

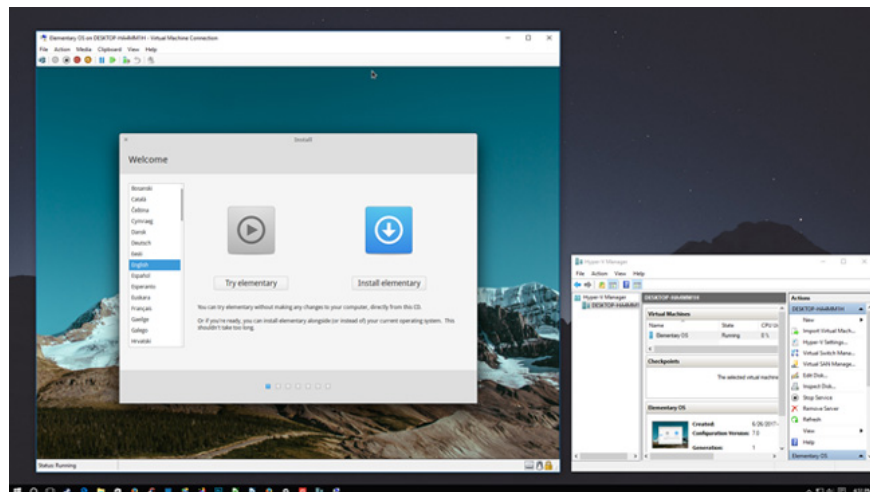


Activate and use virtual machines

Now that you have created a virtual machine, you need to activate and open the virtual machine to use it.



You will see your operating system installed under the main virtual machine window. Right-click on the virtual machine and select **Start**. When its **state** is set to **Running**, you can start the virtual machine. Right-click on the running computer and select **Connect**. This will open ISO:



Install your operating system like other operating systems. Now you have a virtual machine of your Linux distribution. Now you can try a Linux distribution in a safe environment.

What is your favorite virtual machine software? Let us know by commenting below!

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