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IT278 Windows Administration

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Before you install Hyper-V, you need to make sure you have, the requirements needed to install it. First you must have a Windows operating system. Then you must have a 64-bit processor, and that processor must have SLAT, which is Second Level Address Translation. Then a CPU system to VM (Virtual Machine) monitor Mode Extension. Also, hardware virtualization support BIOS-level. Then the last then that is required is a memory of 4 GB or more.

These are the steps that you need to take to enable and install Hyper-V to your computer. First you must right click the Windows button on the button of the screen. After that you will find and then select “Apps and Features”. There you will select “Programs and Features” which should be right under related settings. Then you will find and select “Turn Windows Features on or off”. Then you will select “Hyper-V” and click “OK”. Then it will begin to install, and when it is done installing you will have to restart your computer.

When you are creating Virtual Machines, you use Hyper-V and with “Hyper-V Quick Create” and select your operating system. After you put in the needed information click “Create Virtual Machine” and it will be made. You can manage VMs individually or in a group. “Using the VM’s console you can change the guest operating system settings, use application, browse the file system, monitor system performance, and so on.” ("Managing Virtual Machines", 2019) Managing VMs you will have to access the Virtual machine console, which you can do in a web browser, or VMware Remote Console (VMRC). With VMs you can turn them off or on, suspend them, rest them, and stop them completely, these are known as the power options. When managing VMs you can do a couple different types of operations you can rename, delete, and even reregister them.

References

Create a Virtual Machine with Hyper-V on Windows 10 Creators Update. (2022). Retrieved 22 August 2022, from https://docs.microsoft.com/en-us/virtualization/hyper-v-on-windows/quick-start/quick-create-virtual-machine

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