

Special Subject 2
Week 41
2017.10.12



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Professional Higher Education

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October, 12, 2017

Advantages of Nested Virtualization on the blade

- ▶ There are enough memory on the blades. (To run vCenter we need 10 GB of RAM) Since the blades have higher details the VMs can run on optimal settings. For the same you need a strong host machine, that has huge amount of memory (RAM).
- ▶ Quicker because the blades have big capacity.

Requirements

To be able to run ESXi inside a VM there are some requirements, that the physical machine needs to complete.

Prerequisites:

- You need some physical resources. To run ESXi in VM, the VM needs at least 1.5 GB of memory, two VCPUs and enough disk space for the server itself and for the VMs you will run inside it.
- You have to enable native virtualization support (Intel VT or AMD-V).
- You need to run VMWare Workstation at least 6.5 version on the physical host. Previous versions can't successfully run ESX or ESXi in a VM.
- A 64-bit OS on the physical host is useful but not required.

Usage:

- Start the ESXi, use your web browser or VMWare to connect to you virtual server's IP address.
- Connect to the virtual ESXi server.
- Create a VM as you wish.
- Enable native virtualization support (Intel VT or AMD-V).
- Power up the VM.