Virtualize From Scratch | VMWare vSphere 6.5

Learn how to build virtualization environments from ground up

ESXi Network Configuration
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Course Content

1. Introduction to Virtualization.
2. What is the "Hypervisor" and how it works?.
3. VMWare vSphere core products and LAB setup.
4. Install ESXi Server.
5. Explore ESXi configuration.
6. Deploy your first VM.
7. Deploy vCenter Server.
8. vCenter: Add ESXi host(s).

9. **ESXi Network Configuration.**
10. Configure shared storage.
11. vMotion.
12. DRS.
13. vSphere High Availability (HA).
15. VM Operations: Snapshots.
16. VM Operations: VM Clone and linked-clone.
17. VM Operations: VM Template.
19. vSphere Networking; Distributed Switch.
20. Content Library.
22. Integrating vCenter with Directory Services.
23. Define User Permissions.
25. vSphere Update Manager (VUM).
26. vROPS.
27. vSphere Documentation.
Virtualize From Scratch: ESXi Network Configuration

Physical Server Networking
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Virtual Machine Networking
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How is VM connected to physical network

- VM
- VM
- VM
- VM
- VM

Virtual Switch

ESXi Hypervisor

Uplinks

Physical Switch
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Network Connection Redundancy & HA
VMware Networking – VMKernel adaptor & Port group
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VLAN 10

VLAN 20

VLAN 30
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Lab: ESXi Host Network Connectivity
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How to connect the host I have in my company?

1 GbE

10 GbE
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