

Virtualize From Scratch | VMWare vSphere 6.5

Learn how to build virtualization environments from ground up

Securing vSphere Environment



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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. vSphere Storage: Basics & Configuring.
11. vMotion / Storage vMotion.
12. DRS / SDRS.
13. vSphere High Availability (HA).
14. Resource Pools & vAPP.
15. VM Operations: Hardware
16. VM Operations: Snapshots.
17. VM Operations: VM Clone and linked-clone.
18. VM Operations: VM Template.
19. VM Operations: Fault Tolerance (FT).
20. vSphere Networking; Distributed Switch.
21. Content Library.
22. Host Profiles.
23. Integrating vCenter with Directory Services.
24. Define User Permissions.
- 25. Securing vSphere Environment.**
26. vSphere Update Manager (VUM).
27. vROPS.
28. vSphere Documentation.

**What should I secure
and where to start
from?!**



Security Guides:

- vSphere security guide.
- vSphere security-hardening guide.

URLs are available in the video description and blog.



Quick security guide:

Securing vCenter server:

- Set complex passwords for VCSA root and vSphere local administrator.
- Use Active Directory users for accessing vSphere.
- Set time-out for vSphere web client idle sessions.

Securing ESXi hosts:

- Set complex password for ESXi root.
- Use Active directory accounts for managing ESXi.
- Set SSH and DCUI time out for idle sessions.
 - ✓ *UserVars.DcuiTimeOut = 600*
 - ✓ *UserVars.ESXiShellInteractiveTimeOut = 900*
- Use NTP server for time.
- Use SYSLOG server for collecting logs and set a specific syslog server IP.





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