Course Training

Professional VMware Network Virtualization (vcp-nv)

Course Content

The VMware Certified Technical professionals - Network Virtualization 2024 [v2] (VCTA-NV 2024) certification validates an individual's foundational knowledge and skills in network virtualization using VMware NSX technologies. This certification is suitable for entry-level professionals who are interested in working with network virtualization technologies. Job-roles associated with this certification include entry-level network administrators and technicians.

Course Objectives

By the end of the course, you should be able to meet the following objectives:

- Create, clone, and deploy a vApp
- Describe and use the content library
- Migrate virtual machines with VMware vSphere® vMotion®
- Use VMware vSphere® Storage vMotion® to migrate virtual machine storage
- Monitor resource usage and manage resource pools
- Use esxtop to identify and solve performance issues
- Discuss the VMware vSphere® High Availability cluster architecture
- Configure vSphere HA
- Manage vSphere HA and VMware vSphere® Fault Tolerance
- Use VMware vSphere® Replication™ and VMware vSphere® Data Protection™ to replicate virtual machines and perform data recovery
- Use VMware vSphere® Distributed Resource Scheduler™ clusters to improve host scalability
- Use VMware vSphere® Update Manager™ to apply patches and perform basic troubleshooting of ESXi hosts, virtual machines, and vCenter Server
- Operations

Course Prerequisite

- Good understanding of networking protocols
- Good understanding of the VMware environment
- Basic computer literacy
- Basic knowledge of the Microsoft Windows operating system
- Basic Internet skills

Who should attend

- Network Design Engineers

- Sales Engineers
- System Engineers
- Cisco Channel Partners

Course Outline

- VMware Cloud Director: Advanced Networking with NSX-T Data Center [V10.2]
- VMware NSX Advanced Load Balancer: ICM plus Troubleshooting and Operations Fast Track [V20.x]
- VMware NSX Advanced Load Balancer: Install, Configure, Manage [V21.x]
- VMware NSX for Intrinsic Security [V4.x]
- VMware NSX: Design [V4.x]
- VMware NSX: Install, Configure, Manage [V4.0]
- VMware NSX: Troubleshooting and Operations [V4.x]
- VMware NSX-T Data Center: Install, Configure, Manage [V3.2]
- VMware NSX-T Data Center: Multisite Deployments with Federation