VMware NSX Administration Training

Course Duration : **20 Working Days**
Class Duration : **3 hours per day**

Fast Track: - Course duration 10days (Per day 8 hours)

Get Fee Details

Module 1 NSX Overview

- The software-defined datacenter Overview
- VMware vSphere Overview
- VMware NSX Overview

Module 2 Management & Control Plane Components

- NSX Management
- NSX Controller
- VMware NSX Manager
- VMware NSX Controller cluster

Module 3 Logical Switch Networks

- Ethernet fundamentals
- VMware vSphere Distributed Switch
- Switch link aggregation & VLAN
- VXLAN logical switch networks
- VMware NSX Controller replication

Module 4 VMware NSX Logical Routing

- Routing protocols
- VMware NSX logical route
- NSX Edge services gateway

Module 5 VMware NSX L2 Bridging

- L2 bridging and use cases
- L2 software bridging
- L2 hardware bridging

Module 6 NSX Edge Gateway Services

- Network Address Translation (NAT)
- load balancing
- NSX Edge high availability
- Virtual Private Networking (VPN)
- Configuring L2 VPN
- Configuring IPsec VPN
- Configuring SSL VPN-Plus

Module 7 NSX Firewall and Security Services

- NSX Edge firewall
- VMware NSX distributed firewall
- VMware NSX data security
- Service Composer
- Identity-aware Firewall

Module 8 Cross-vCenter VMware NSX

- Cross-vCenter VMware NSX feature Overview
- Cross-vCenter benefits
- Cross-vCenter Configuration
- Cross-vCenter VMware NSX Deployment models

Module 9 NSX Operations

- NSX role-based access control
- Analyze NSX flow monitoring data
- Create Firewall rules
- Modify firewall rules
- Configure security groups and security policies with Service Composer
- NSX Component
- Bridging, NAT, DHCP and DNS
- Management System Settings

Module 10 Using SpoofGuard

- Create a SpoofGuard Policy
- Approve IP Addresses
    - Automatically Trust IP Assignments
    - Manually Inspect and
    - Approve
- Edit an IP Address
- Clear an IP Address

Module 11 NSX User Management

- NSX Users and Permissions
- Configure Single Sign On
- Managing User Rights
- Managing the Default User Account
- Assign a Role to a vCenter User
- Disable or Enable a User Account

Module 12 NSX Cli Commands

- NSX Manager Commands
- NSX Central Commands
- NSX Edge Commands
- Standalone NSX Edge Commands
- NSX Host Commands
- NSX Controller Commands

❑ **This Course designed for VMware Security Admins**

❖ <u>**Terms & Conditions**</u>

❖ He/She must have VMware vSphere Administration Knowledge.

❑ <u>**Target Audience**</u>

➢ VMware Admin
➢ System administrators of (Windows, Linux, Unix, MAC …etc.)
➢ Systems engineers
➢ Storage administrators
➢ Network administrators
➢ Network Security administrators …etc.

❑ The course content can be changed as per the technology with or without prior notice.

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