

# VMware NSX ICM [v4.0] – Hands-On Lab Session

Course code: VMW\_NSXLAB

This lab-intensive session enables participants to develop practical skills in deploying and managing VMware NSX, focusing on software-defined networking and security. It's ideal for those working toward NSX certification or VCF network integration.

## Who is the course for

Partners who completed the self-paced course

## What we teach you

- NSX architecture and components overview
- Deploying NSX Managers and configuring fabric nodes
- Segment and edge deployment
- Creating and managing T1 and T0 gateways
- OSPF, BGP and VRF-lite implementation
- Configuring distributed and gateway firewalls
- NAT, DHCP, and load balancer implementation
- Configuring and deploying IDS and VPN
- Walkthrough advanced security features

## Required skills

- Certificate of completion from VMware NSX: Install, Configure, Manage [v4.0] self-paced course.
- Good understanding of TCP/IP services and protocols
- Knowledge and working experience of computer networking, including switching and routing technologies (L2 through L3) and L2 through L7 firewall
- Knowledge and working experience with VMware vSphere® environments
- Knowledge and working experience with Kubernetes or VMware vSphere® with VMware Tanzu® environments

## Solid understanding of concepts presented in the following courses:

- VMware Virtual Cloud Network Core Technical Skills
- VMware Data Center Virtualization: Core Technical Skills
- Kubernetes Fundamentals

## Teaching materials

By the end of the session, participants will be equipped with the practical skills needed for NSX deployments and certifications, with direct applicability in VCF and SDDC environments.

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