

Azure VMware: NSX-T Networking & HCX Migration

Learn to deploy Azure VMware Solution, configure NSX-T networking, and migrate on-premises VMware workloads using HCX.

3 Days

DURATION

8

MODULES

32

TOPICS

COURSE OVERVIEW

During 3 days course, you focus on how to deploy the resource, and how to migrate VMware virtual machines from on-premises infrastructure on to the Azure VMware Solutions. The concepts learned in this course should be transferable for users who need to plan and deploy Azure VMware Solutions. Plan to migrate VMware workloads or Virtual machines from on-prem datacentres to Azure platform.

WHO THIS COURSE IS FOR

Platform operators who are responsible for deploying and managing VMware Workloads on Azure VMware Solution

PREREQUISITES

- Understanding of VMware vSphere, VMware NSX and VMware HCX.
- Experience working with Azure cloud.

LEARNING OBJECTIVES

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

- Describe Azure VMware Solution
- Describe VMware vSphere, VMware NSX and VMware HCX
- Explain how to plan and deploy Azure VMware Solution
- Use cases for Azure VMware Solution
- Explain how to migrate VMware-based workloads from your datacentre to Azure and integrate your VMware environment with Azure
- Keep managing your existing environments with the same VMware tools you already know while you modernize your applications with Azure native services

8 Modules, 32 Topics

01

Course Introduction

TOPICS

Introduction · Course Contents · References

02

Introduction to Azure VMware Solution

TOPICS

Introduction · What is Azure VMware Solution · How Azure VMware Solution works · When to use Azure VMware Solution · Summary

03

vSphere Components in Azure VMware Solution

TOPICS

ESXi Host · vCenter · Creating Virtual Machines

04

vSAN in Azure VMware Solution

TOPICS

- vSAN Architecture
- vSAN Storage Policies
- Configure vSAN
- Configure customer-managed key encryption at rest

05

Networking in Azure VMware Solution

TOPICS

NSX-T Architecture · Logical Switching · Creating and Managing NSX network segment · Configure and manage DHCP in AVS

06

Plan an Azure VMware Solution Deployment

TOPICS

- Overview of Azure VMware Solution deployment
- Plan network topology for Azure VMware Solution deployment

07

Deploy Azure VMware Solution

TOPICS

- Deploy Azure VMware Solution
- Connect to an on-premises VMware vSphere environment
- Configure NSX-T network components

08

Migrate VMware Workloads on-premises to Azure VMware Solution

TOPICS

- Introduction to VMware HCX
- Plan HCX deployment
- Deploy and install VMware HCX
- Configure networking and compute profiles for VMware HCX
- Create a service mesh for VMware HCX
- Types of Migrations
- Migrate virtual machine workloads into Azure VMware Solution
- Summary

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

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