Architect? Azure VMware Solutions (AVS)

Course Overview

Duration - 6 Hours | Level - Intermediate

In this workshop, you will learn how to design a migration strategy to help your customers migrate their on-premises workloads to Azure using the guidance provided by Microsoft Cloud Adoption Framework for Azure. This will include the migration of virtual and physical servers as well as databases. You will learn about the different assessment and migration tools available to for your use during the migration process. You will also learn how to optimize and govern the cloud workloads using the tools available within Azure and implement security with Microsoft Defender for Cloud and Microsoft Sentinel. This session will also include hands on lab practice to gain a better understanding of the migration process.

Course Modules

Day 1

Introduction to Azure VMware solution (AVS)

Introduction to Azure VMware solution

Plan an Azure VMware Solution deployment

Plan network topology for Azure VMware Solution deployment

Deploy Azure VMware Solution

Connect to an on-premises VMware vSphere environment

Install and activate VMware HCX in AVS

Configure NSX-T network components

Demo

AVS Planning and Deployment

Day 2

Design Azure VMware Solution

Azure VMware Solution design principles using WAF

AVS landing zone accelerator

Plan HCX deployment

Deploy and install VMware HCX

Configure networking and compute profiles for VMware HCX

Create a service mesh for VMware HCX

Cloud migration strategies

Use cases and scenarios

Demo

AVS Workload Migration with VMware HCX

Day 3

Build and operate Azure VMware Solution

Migrate VM workloads to AVS

Identify deployment workflow prerequisites

Install SRM in AVS

Install vSphere Replication appliance

Configure vCenter site pairing

Business continuity and disaster recovery

Security and compliance

Azure integration scenarios

VMware to Azure Stack HCI

VMware to Windows Server/System Center