



MICROSOFT TRAINING

Azure VMware Solutions Course

Learn to seamlessly migrate and extend VMware environments to Azure. Master Azure VMware Solutions for robust hybrid cloud management.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

-
- Globally Recognized Certification
 - Expert-Led Hands-On Training
 - Flexible Scheduling

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | www.computer-pride.co.ke

COURSE OVERVIEW

Unlock the power of hybrid cloud with Computer Pride's Microsoft Azure VMware Solutions (AVS) course. This engaging program is designed for IT professionals, architects, and administrators looking to seamlessly integrate their existing on-premises VMware environments with the robust capabilities of Microsoft Azure. You'll gain a foundational yet comprehensive understanding of how AVS extends your VMware vSphere, vSAN, and NSX-T deployments directly into Azure, enabling consistent operations and management across your hybrid landscape.

Over two focused hours, you will explore the core architecture of AVS, learn to deploy and manage AVS private clouds, and understand crucial networking integrations that connect your VMware workloads to native Azure services. This course is your gateway to leveraging the best of both worlds: maintaining your familiar VMware operational experience while tapping into Azure's global scale, advanced services, and cost efficiencies. By mastering AVS, you position yourself as a crucial asset in any organization's digital transformation journey, capable of driving efficient cloud migrations and modernizing infrastructure with confidence.

Duration	2 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Introduction to Azure VMware Solution (AVS)

- Understanding Azure VMware Solution: What it is and its key components
- Exploring AVS architecture: vSphere, vSAN, NSX-T within Azure
- Key use cases and business benefits of AVS
- Prerequisites and planning considerations for AVS adoption

02 Module 2: AVS Deployment and Azure Network Integration

- Planning for AVS Private Cloud deployment (sizing, regions, subscriptions)
- Steps for deploying an AVS Private Cloud in the Azure portal
- Establishing network connectivity: ExpressRoute Gateway and VNet Peering
- Introduction to NSX-T Data Center in AVS for network segmentation and security

03 Module 3: Managing and Extending AVS Workloads

- Accessing and managing vCenter Server and NSX-T Manager in AVS
- Overview of workload migration strategies to AVS (HCX basics)
- Integrating AVS with native Azure services (e.g., Azure Storage, Azure Backup)
- Monitoring AVS environments using Azure Monitor

04 Module 4: AVS Security, Best Practices, and Cost Management

- Security considerations for AVS environments (network, data, identity)
- Operational best practices for AVS private clouds
- Strategies for managing costs in an Azure VMware Solution deployment

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Hybrid Cloud Architect specializing in Azure and VMware integration**
- > **Azure Solutions Engineer focused on VMware workload migration and management**
- > **Cloud Infrastructure Administrator managing AVS private clouds**

FREQUENTLY ASKED QUESTIONS

Q: What foundational knowledge is recommended before taking this Azure VMware Solutions course to maximize learning?

To get the most out of this course, participants should have a basic understanding of VMware vSphere administration, including concepts like VMs, vCenter, and networking. Familiarity with fundamental Azure concepts, such as Azure Virtual Networks and resource groups, will also be highly beneficial, though not strictly required as key integrations will be explained.

Q: How will this course specifically prepare me for contributing to or executing hybrid cloud migration projects involving VMware workloads to Azure?

This course provides a crucial foundational understanding of how Azure VMware Solutions operates, including its architecture, deployment, and network integration. You will learn the core steps to establish an AVS environment, which is the cornerstone for any VMware-to-Azure migration. While it's an introductory course, it equips you with the essential knowledge to participate effectively in planning, deploying, and managing the AVS infrastructure that facilitates seamless workload transitions.

Q: Does this intermediate course delve into advanced topics such as specific workload optimization, disaster recovery configurations, or detailed cost optimization strategies within AVS?

Given its 2-hour duration, this course provides an intermediate-level introduction, focusing on the core deployment, management, and integration of Azure VMware Solution. It will touch upon operational best practices and cost considerations but will not delve into highly advanced topics like deep workload optimization techniques, intricate disaster recovery configurations using services like Azure Site Recovery specifically with AVS, or in-depth cost modeling scenarios. These specialized topics are typically covered in more extensive, advanced-level certifications or training modules.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

Location

1st Flr, ICEA Building
Kenyatta Ave, Nairobi

Email

info@computer-pride.co.ke

Phone

+254 705 900 900

www.computer-pride.co.ke