



MFE-IT

Reference: SM/EN/VMH

VMware Horizon Cloud on Azure Training Course

Implementing and Managing a Secure and Scalable VDI
Environment

Duration: 4 Days | Hours: 24 h

Remote · Sessions guaranteed from 1 registrant · 60% hands-on practice

DESCRIPTION

VMware Horizon Cloud on Microsoft Azure (now Omnissa Horizon Cloud) enables organisations to deliver virtual desktops from the cloud, combining the flexibility of Microsoft Azure with the power of VMware Horizon. It represents one of the most strategic VDI deployment models in 2026 — letting you scale virtual desktops on-demand while keeping a unified administration experience.

This VMware Horizon training course will guide you step by step through the deployment, configuration and day-to-day management of a cloud VDI environment. You will learn how to automate deployments, secure access, configure virtual machine pools and monitor performance using native tools — with hands-on labs in a real Azure subscription.

LEARNING OBJECTIVES

By the end of this training course, participants will be able to:

- Understand the hybrid architecture of VMware Horizon Cloud on Azure
- Deploy the basic infrastructure and connect it to Azure
- Create and manage virtual desktop images
- Define desktop pools, manage sessions and users
- Secure the environment: authentication, access, RBAC

PREREQUISITES

- Good knowledge of Microsoft Azure (resources, networks, identity)
- Experience with VMware Horizon or an equivalent VDI solution
- General knowledge of Windows Server systems and client workstations

Because each participant is unique, a personalised interview is systematically organised in advance with our expert to design a training programme perfectly aligned with their objectives, level and professional challenges.

TARGET AUDIENCE

IT teams transitioning to the cloud, VDI architects and managed service providers delivering virtual desktop solutions.

DETAILED PROGRAMME

The training alternates between theoretical input and hands-on practice (approximately 60% of the time). Modules are built around practical exercises based on real-world business use cases.

Module 1 – Architecture and Environment Preparation

- Horizon Cloud overview and key components
- Azure prerequisites: subscription, vNet, ExpressRoute or VPN
- Network integration and Active Directory setup

Module 2 – Deploying Horizon Cloud on Azure

- Tenant provisioning and registration
- Cloud connector and Azure subscription integration
- Deployment automation and pod configuration

Module 3 – Image Creation and Management

- Golden image and Sysprep preparation
- Agents, applications and snapshots
- Image updates and version management

Module 4 – Desktop Pools and User Management

- Dynamic vs dedicated pools and pool assignments
- User entitlements and session policies
- Profile management and persistence strategies

Module 5 – Security and Compliance

- Multi-factor authentication and identity integration
- Role-Based Access Control (RBAC) and least privilege
- Network segmentation and audit logs

Module 6 – Monitoring and Troubleshooting

- Horizon Console and Azure Monitor
- Log analytics and session troubleshooting
- Performance optimisation and capacity planning

TEACHING METHODS

Format and Delivery

The training is delivered remotely via an interactive virtual classroom. It can also be delivered on-site, with content customised to match the needs of your professional project. The theory/practice split is approximately 40%/60%.

MFE-IT Ultra-Personalised Format

Each session accommodates between 1 and 3 participants, ensuring highly individualised support. A preliminary interview allows us to tailor the content to each participant's profile. Inter-company sessions are guaranteed from just 1 registrant (except in cases of force majeure).

Skills Assessment

Throughout the training, the trainer assesses participant progress through multiple-choice questions, role-playing exercises and hands-on work. At the end, a certificate of achievement is issued to each participant.

Post-Training Support

For one month following the training, each participant can contact MFE-IT trainers with questions about implementing acquired knowledge. A response is provided by email or telephone within 48 working hours.

Accessibility

MFE-IT is committed to welcoming people with disabilities. Contact: contact@mfe-it.com.

PRACTICAL INFORMATION

Trainer Resources

- Structured demonstrations aligned with the detailed programme
- Exercise briefs and solutions throughout the training
- A ready-to-use technical environment for practical workshops
- Trainer validation of acquired knowledge at the end of each workshop
- Digital reference documents

Certification and Validation

At the end of the training, a certificate is sent by email specifying the objectives, nature, duration and assessment results. A completion certificate can also be provided on request.

Benefits for Participants

- Train from your workplace or home, with no travel required
- Benefit from an expert trainer-consultant on the subject
- Enjoy an ultra-personalised format (1 to 3 participants)
- Continue training even in the event of unforeseen circumstances

Benefits for the Organisation

- Optimise the training budget by reducing travel and accommodation costs
- Offer quality training to all employees, regardless of location
- Reduce absence time linked to travel
- Support team upskilling in all contexts