

WorkshopPLUS - Microsoft 365: Azure Virtual Desktop

WorkshopPLUS

Focus Area: Upgrade, Migration and Deployment

Duration: 4 Days

Difficulty: 400 - Expert

Overview

Azure Virtual Desktop is a service that gives users easy and secure access to their virtualized desktops and RemoteApps.

You will gain knowledge about implementing Azure Virtual Desktop from scratch and how complementary Azure services can benefit your Azure Virtual Desktop operations lifecycle.

Learn about recommended user context solution designed to roam profiles in remote computing environments, such as Azure Virtual Desktop, using FSLogix.

Objectives

After completing this training, students will be able to:

- Understand Azure Virtual Desktop architecture
- Deploy Azure Virtual Desktop workloads from scratch
- Manage and secure Azure Virtual Desktop deployments
- Manage FSLogix context solutions

Key Takeaways

Course Material

- Azure Virtual Desktop infrastructure
- Deploy Azure Virtual Desktop and applications

Hands-on Labs

- Most of the concepts covered above will be supported by hands-on labs and demos
- Access to resources and labs for up to six months post class completion

Agenda

Day 1

- Introduction
- Architecture

Day 2

- How to deploy Azure Virtual Desktop
- Profile Management

Day 3

- Application Management

Day 4

- General Management

Plan for 4 full days. Early departure on any day is not recommended.

Course Details

Module 1: Introduction

- What is Azure Virtual Desktop (AVD)
- Demo: User experience

Module 2: Architecture

- Architecture details
- Identity and security considerations
- Localization of infrastructure components
- Network consideration
- Scalability

Module 3: How to deploy Azure Virtual Desktop

- Deploy a AVD host pool
- Manage remote apps using Azure portal and PowerShell
- Customize AVD images using Azure Image Builder
- Streamline deployments

Module 4: Profile Management

- Introduction to different types of profiles
- FSLogix profile management overview
- FSLogix architecture

Module 5: Application Management

- Application management overview
- Application management guidance
- MSIX packaging
- Demo: MSIX App Attach

Module 6: General Management

- Modern IT lifecycle
- Flexibility and cost optimization
- Troubleshooting and monitoring with Log Analytics and Azure Monitor

Recommended Qualifications

Target experience, expectations and qualifications, for example:

- IT staff who have designed, deployed, or managed a Windows and RDS environment for at least one year
- Expected knowledge base:
 - Knowledge on Azure (AZ-104 certification recommended)
 - Experience in Active Directory administration
 - Windows desktop
 - Windows client infrastructure

Hardware Requirements

- An Intel Core-i5-based PC
- Microsoft/Windows Live ID to connect to the virtual environment
- 4 GB RAM
- 128 GB HDD
- Windows 8 or later
- Internet access with at least 1 Mbps bandwidth per student

For more information

Contact your Microsoft account representative for further details.