pax8 Academy

DESIGN AND DEPLOY AZURE VIRTUAL DESKTOP

Syllabus

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Course Overview

This live, 4-session, instructor-led course is designed to teach you the fundamentals of Azure Virtual Desktop (AVD), a cloud-based solution that delivers virtual desktops and applications to users. You will learn how to plan, size, build, configure, manage, monitor, and optimize AVD deployments.

Each class will have a mix of slide decks to cover the best practices and live demos showcasing how to implement those best practices. Demos will include creating and managing host pools, session hosts, identity and network options, and monitoring and troubleshooting tools. By the end of this course, you will be able to deploy and manage AVD solutions that meet your business needs and budget.

If you are new to Azure, it is recommended that you start by first taking our Introduction to Azure series as listed below:
- Azure 101: Introduction to Azure
- Azure 102: Azure Best Practices for MSPs
- Azure 103: Managing and Supporting Azure Environments

What You'll Get

- 6 hours of virtual, interactive, instructor-led content taught by an Azure expert.
- Downloadable videos* of the content you can rewatch at your convenience.
- Downloadable slide decks and resources.

Learning Objectives

By attending this course, Partners will:
- Define and explain the key benefits and use cases for Azure Virtual Desktop
- Accurately plan and size an AVD deployment with cost, performance, and scaling in mind
- Build an AVD environment and configure the appropriate networking and identity options.
- Manage, monitor, optimize, and troubleshoot common AVD issues

*Videos will either be recordings from your session, or they may be previously recorded material in which partner faces and voices have been removed. It is recommended to attend courses live to reap the full benefits of Q&A with the instructor and class.

Schedule of Topics

Session 1 – Introduction to Azure Virtual Desktop (AVD) and Architecture
- What is Azure Virtual Desktop?
- AVD architecture overview
- Licensing and pricing
- Use cares for AVD

Session 2 – Planning and Sizing for AVD
- Assessing requirements
- Sizing considerations
- Estimating costs
- Best practices

Session 3 – Building and Configuring AVD
- Setting up AVD Environment
- Configuring session hosts
- Identity options in AVD
- Network configuration

Session 4 – Managing, Monitoring, and Optimizing AVD
- Managing AVD deployments
- Monitoring AVD
- Optimizing performance and cost
- Troubleshooting common issues

Instructor

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Additional Resources

Browse the Microsoft Azure webpage here:
https://azure.microsoft.com/en-us/

Learn more here:
https://learn.microsoft.com/en-us/azure/virtual-desktop/overview

Next Steps

Explore your next step with Pax8:
- On-Demand Content
    - See all our Microsoft Content in the Microsoft Hub
- Check out the Pax8 Events: Attend an Azure Bootcamp
- Consider signing up for a Professional Services engagement.