

Azure Virtual Desktop Specialty

This course teaches Azure administrators how to plan, deliver, and manage virtual desktop experiences and remote apps, for any device, on Azure. Lessons include implementing and managing networking for Azure Virtual Desktop, configuring host pools and session hosts, creating session host images, implementing, and managing FSLogix, monitoring Azure Virtual Desktop performance and health, and automating Azure Virtual Desktop management tasks. Students will learn through a mix of demonstrations and hands-on lab experiences deploying virtual desktop experiences and apps on Azure Virtual Desktop and optimizing them to run in multi-session virtual environments. Candidates of this course must have solid Azure administration skills. This course assumes prior experience, including virtualization, networking, identity, storage, backup and restore, and disaster recovery. Students should have knowledge of on-premises virtual desktop infrastructure technologies as they relate to migrating to Azure Virtual Desktop. Students are expected to have used the tools common to the Azure environment, such as the Azure PowerShell and Cloud Shell.

COURSE CODE

AZ-140

DELIVERY

Virtual, On-site, or Hybrid

DURATION

4 days

CERTIFICATION TRACK

Azure Virtual Desktop Specialty

AUDIENCE PROFILE

Who This Program Is For

Students for AZ-140: Configure and Operate Microsoft Azure Virtual Desktop are interested in delivering applications on Azure Virtual Desktop and optimizing them to run in multi-session virtual environments. As an Azure Virtual Desktop administrator, you will closely work with the Azure Administrators and Architects, along with Microsoft 365 Administrators. Azure Virtual Desktop administrator responsibilities include planning, deploying, packaging, updating, and maintaining the Azure Virtual Desktop infrastructure. They also create session host images, implement and manage FSLogix, monitor Azure Virtual Desktop performance, and automate Azure Virtual Desktop management tasks.

PROGRAM SUMMARY

What This Course Covers

Certification-focused enterprise program aligned to Azure Virtual Desktop Specialty (AZ-140).

Tailored Delivery Available

This outline can be adapted for virtual, on-site, or hybrid delivery, with emphasis adjusted for your team's platform priorities, role mix, and implementation goals.

COMPLETE MODULE SEQUENCE

Module Flow and Topic Coverage

The structure below presents the current delivery flow for this program, including the associated topic areas covered under each module.

1 Plan an Azure Virtual Desktop implementation

Plan an Azure Virtual Desktop implementation

- Azure Virtual Desktop Architecture
- Design the Azure Virtual Desktop architecture
- Design for user identities and profiles

2 Implement an Azure Virtual Desktop infrastructure

Implement an Azure Virtual Desktop infrastructure

- Implement and manage networking for Azure Virtual Desktop
- Implement and manage storage for Azure Virtual Desktop
- Create and configure host pools and session hosts for Azure Virtual Desktop
- Create and manage session host image for Azure Virtual Desktop

3 Manage access and security for Azure Virtual Desktop

Manage access and security for Azure Virtual Desktop

- Manage access for Azure Virtual Desktop
- Manage security for Azure Virtual Desktop

4 **Manage user environments and apps for Azure Virtual Desktop**

Manage user environments and apps for Azure Virtual Desktop

- Implement and manage FSLogix
- Configure user experience settings
- Install and configure apps on a session host

5 **Monitor and maintain an Azure Virtual Desktop infrastructure**

Monitor and maintain an Azure Virtual Desktop infrastructure

- Monitor and manage performance and health
- Plan and implement updates, backups, and disaster recovery