

## AZ-140T00: Configure and Operate Microsoft Azure Virtual Desktop

Course Code: AZ-140T00

Duration: 4 days

Instructor-led Training (ILT) | Virtual Instructor-led Training (VILT)

### OVERVIEW

*Are you ready to be part of the solution to empower organizations in the shift to hybrid work?*

The shift to hybrid work is an opportunity for organizations to rethink everything from the employee experience and talent to digital sales and events. It starts with empowering employees for a more flexible work world. Earning the new [Microsoft Certified: Azure Virtual Desktop Specialty](#) certification puts the spotlight on your skills in this evolving work environment, proving that you have subject matter expertise in planning, delivering, and managing virtual desktop experiences and remote apps, for any device, on Azure.

This official [Azure certification course](#) teaches Azure administrators how to plan, deliver, and manage virtual desktop experiences and remote apps, for any device, on Azure. Students will learn through a mix of demonstrations and hands-on lab experiences deploying virtual desktop experiences and apps on Windows Virtual Desktop and optimizing them to run in multi-session virtual environments.

### SKILLS COVERED

- Plan an Azure Virtual Desktop implementation
- Implement an Azure Virtual Desktop infrastructure  
Design the Azure Virtual Desktop architecture

- Manage access and security for Azure Virtual Desktop
- Manage user environments and apps for Azure Virtual Desktop
- Monitor and maintain an Azure Virtual Desktop infrastructure

### WHO SHOULD ATTEND?

Students for **AZ-140T00: Configure and Operate Microsoft Azure Virtual Desktop** course are interested in delivering applications on Windows Virtual Desktop and optimizing them to run in multi-session virtual environments.

As a Microsoft Azure Virtual Desktop administrator, you will closely work with the Azure Administrators and Architects, along with Microsoft 365 Administrators. Windows Virtual Desktop administrator responsibilities include planning, deploying, packaging, updating, and maintaining the Azure Windows Virtual Desktop infrastructure.

They also create session host images, implement and manage FSLogix, monitor Windows Virtual Desktop performance, and automate Windows Virtual Desktop management tasks.

### PREREQUISITES

AZ-900T00: [Microsoft Azure Fundamentals](#)

Explore Azure and the cloud—whether you're new to the field or a seasoned professional—and prepare to dive deeper into the many technical opportunities Azure offers. The [Microsoft Certified: Azure Fundamentals](#) certification offers the basics you need to build your technical skills and your confidence.

### MODULES

**Module 1: Plan an Azure Virtual Desktop implementation**

Learn how to assess existing physical and virtual desktop environments and plan for Azure Virtual Desktop client deployments. This learning path aligns with exam AZ-140: Configuring and Operating Microsoft Azure Virtual Desktop.

#### **Prerequisites**

- Familiarity with server and client management concepts and tools
- Familiarity with Windows virtualization technologies, like Remote Desktop
- Familiarity with Microsoft Azure and cloud concepts

#### **Module 2: Implement an Azure Virtual Desktop infrastructure** **Design the Azure Virtual Desktop architecture**

Learn how to create host pools and apply operating system and application updates to an Azure Virtual Desktop host. This learning path aligns with exam AZ-140: Configuring and Operating Microsoft Azure Virtual Desktop.

#### **Prerequisites**

- Familiarity with server and client management concepts and tools
- Knowledge of Windows virtualization technologies, like Remote Desktop Services
- Familiarity with Microsoft Azure and cloud concepts

#### **Module 3: Manage access and security for Azure Virtual Desktop**

Learn how to plan and implement Azure roles for Azure Virtual Desktop and implement Conditional Access policies for remote connections. This learning path aligns with exam AZ-140: Configuring and Operating Microsoft Azure Virtual Desktop.

#### **Prerequisites**

- Familiarity with server and client management concepts and tools
- Familiarity with Windows virtualization technologies, like Remote Desktop Services
- Familiarity with Microsoft Azure and cloud concepts

#### **Module 4: Manage user environments and apps for Azure Virtual Desktop**

Learn how to plan for FSLogix, configure Cloud Cache, and implement OneDrive for Business for a multi-session environment. This learning path aligns with exam AZ-140: Configuring and Operating Microsoft Azure Virtual Desktop.

#### **Prerequisites**

- Familiarity with server and client management concepts and tools
- Familiarity with Windows virtualization technologies, like Remote Desktop Services
- Familiarity with Microsoft Azure and cloud concepts

#### **Module 5: Monitor and maintain an Azure Virtual Desktop infrastructure**

Learn how to plan and implement a disaster recovery plan, configure automation, and optimize session host capacity for Azure Virtual Desktop. This learning path aligns with exam AZ-140: Configuring and Operating Microsoft Azure Virtual Desktop.

#### **Prerequisites**

- Familiarity with server and client management concepts and tools

- Familiarity with Windows virtualization technologies, like Remote Desktop Services
- Knowledge of Microsoft Azure and cloud concepts

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