



AZ-140T00-Configuring and Operating Microsoft Azure Virtual Desktop

Course Duration: 4 Days

Class times: 9am-4pm

Course Level: Intermediate

Language: English

Mode of Training: Virtually Instructor-Led

Prerequisites

Job Role: Administrator

Related Exam: AZ-140

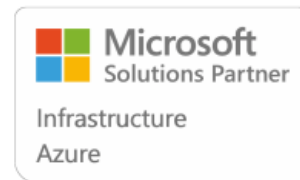
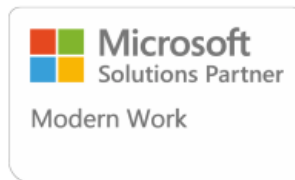
Audience Profile: Students for AZ-140: Configuring and Operating Microsoft Azure Virtual Desktop are interested in delivering applications on Azure Virtual Desktop and optimizing them to run in multi-session virtual environments. As an Azure Virtual Desktop administrator, you will closely work with the 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.

Job role: Administrator

Course Outline

Module 1: Azure Virtual Desktop Architecture

Azure Virtual Desktop manages the infrastructure and brokering components, while customers manage their own desktop host virtual machines (VMs) and clients. Microsoft manages the Remote Connection Gateway, and Connection Broker services as part of Azure.



Learning objectives

After completing this module, you'll be able to:

- Explain the Azure Virtual Desktop components.
- Describe the Azure Virtual Desktop architecture.
- Choose between personal and pooled desktops.
- Identify the Azure limitations for Azure Virtual Desktop.
- Describe the options for Azure Virtual Desktop pricing.

Module 2: Design the Azure Virtual Desktop architecture

Azure Virtual Desktop design requires that you assess network capacity and speed requirements, select a load-balancing method for your Azure Virtual Desktop deployment, and choose the right Windows Desktop client.

Learning objectives

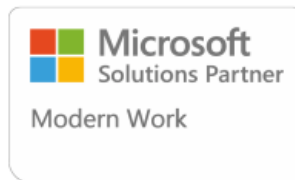
- After completing this module, you'll be able to:
- Assess network capacity and speed requirements for Azure Virtual Desktop.
- Determine the connection round-trip time (RTT) from a location through the Azure Virtual Desktop service.
- Recommend an operating system for an Azure Virtual Desktop implementation.
- Describe the two load-balancing methods for Azure Virtual Desktop.
- Recommendation subscriptions and management groups for Azure Virtual Desktop.
- Recommend a configuration for performance requirements.

Module 3: Design for user identities and profiles

Your users require access to those applications both on-premises and in the cloud. You use the Remote Desktop client for Windows Desktop to access Windows apps and desktops remotely from a different Windows device.

Learning objectives

- After completing this module, you'll be able to:
- Select a licensing model for Azure Virtual Desktop.
- Describe personal and multi-session desktop scenarios.
- Plan a storage solution storing FSLogix profile containers.
- Plan for a Desktop client deployment



- Deploy Windows Desktop client to multiple devices.
- Describe Hybrid Identity for Azure Virtual Desktop.

Module 4: Implement and manage networking for Azure Virtual Desktop

See how to monitor and repair health of their Azure Virtual Desktop including virtual machines, virtual networks, application gateways, and load balancers.

Learning objectives

After completing this module, you'll be able to:

- Recommend a solution for Azure Virtual Desktop network connectivity.
- Implement Azure virtual network connectivity for Azure Virtual Desktop.
- Describe network security for Azure Virtual Desktop.
- Configure Azure Virtual Desktop session hosts using Microsoft Bastion.
- Monitor communication between a virtual machine and an endpoint.

Module 5: Implement and manage storage for Azure Virtual Desktop

FSLogix roams profiles in remote computing environments, such as Azure Virtual Desktop. You set up a FSLogix profile container share for a host pool using a virtual machine-based file share.

Learning objectives

After completing this module, you'll be able to:

- Choose appropriate storage for FSLogix components.
- Configure storage for FSLogix components.
- Configure storage accounts for Azure Files.
- Configure a new managed data disk to a Windows virtual machine for Azure Virtual Desktop.
- Create file shares for a storages account for Azure Virtual Desktop.

