

# AZ-140T00 Configuring and Operating Windows Virtual Desktop on Microsoft Azure

Class Length: 4 Days

## Overview

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This 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.

## Prerequisite Comments

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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.

## Target Audience

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Configuring and Operating Windows Virtual Desktop on Microsoft Azure are interested in delivering applications on Windows Virtual Desktop and optimizing them to run in multi-session virtual environments. As a Windows 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.

## Course Objectives

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- Select an appropriate licensing model for Windows Virtual Desktop
- Implement networking for Windows Virtual Desktop
- Manage Windows Virtual Desktop session hosts by using Azure Bastion
- Configure storage for FSLogix components
- Create and manage session host images
- Implement Azure roles and role-based access control (RBAC) for Windows Virtual Desktop
- Configure user Windows Virtual Desktop experience settings
- Install and configure apps on a session host
- Implement business continuity and disaster recovery
- Monitor and manage Windows Virtual Desktop performance

## Course Outline

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### 1 - Plan a Windows Virtual Desktop Architecture

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

## 2 - Implement a WVD Infrastructure

Implement and manage networking for WVD  
Implement and manage storage for WVD  
Create and configure host pools and session hosts  
Create and manage session host image

## 3 - Manage Access and Security

Manage access  
Manage security

## 4 - Manage User Environments and Apps

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

## 5 - Monitor and maintain a WVD infrastructure

Plan and implement business continuity and disaster recovery  
Automate WVD management tasks  
Monitor and manage performance and health

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