



# Configuring and Operating Microsoft Azure Virtual Desktop

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.

**Duration:** 4 days

## Audience

Students for AZ-140: 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.

## Objectives

- 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

## Topics

### **Module 1: Plan a Windows Virtual Desktop Architecture**

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

### **Module 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

### **Module 3: Manage Access and Security**

- Manage access
- Manage security

#### **Module 4: Manage User Environments and Apps**

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

#### **Module 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