

---

# Configuring and operating Windows Virtual Desktop on Microsoft Azure

## Description

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.

## Reference

AZ-140T00

## Course Content

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

- Lesson 1: Windows Virtual Desktop Architecture
- Lesson 2: Design the WVD architecture
- Lesson 3: Design for user identities and profiles

### Module 2: Implement a WVD Infrastructure

- Lesson 1: Implement and manage networking for WVD
- Lesson 2: Implement and manage storage for WVD
- Lesson 3: Create and configure host pools and session hosts
- Lesson 4: Create and manage session host image

### Module 3: Manage Access and Security

- Lesson 1: Manage access
- Lesson 2: Manage security

### Module 4: Manage User Environments and Apps

- Lesson 1: Implement and manage FSLogix
- Lesson 2: Configure user experience settings
- Lesson 3: Install and configure apps on a session host

### Module 5: Monitor and maintain a WVD infrastructure

- Lesson 1: Plan and implement business continuity and disaster recovery
- Lesson 2: Automate WVD management tasks
- Lesson 3: Monitor and manage performance and health

## Lab / Exercises

### Official Microsoft Labs

- Lab: Prepare for deployment of Azure Windows Virtual Desktop (Azure AD DS)
- Lab: Prepare for deployment of Azure Windows Virtual Desktop (AD DS)
- Lab: Create and configure host pools and session hosts (Azure AD DS)
- Lab: Deploy host pools and session hosts by using the Azure portal (AD DS)

- Lab: Implement and manage storage for WVD (Azure AD DS)
- Lab: Deploy host pools and hosts by using Azure Resource Manager templates
- Lab: Deploy and manage host pools and hosts by using PowerShell
- Lab: Configure Conditional Access policies for connections to WVD (AD DS)
- Lab: Windows Virtual Desktop profile management (Azure AD DS)
- Lab: Windows Virtual Desktop profile management (AD DS)
- Lab: Windows Virtual Desktop application packaging (AD DS)
- Lab: Implement autoscaling in host pools (AD DS)

## Documentation

- Access to Microsoft Learn (online learning content)

## Exam

- This course prepares you to the AZ-140: Configuring and Operating Windows Virtual Desktop on Microsoft Azure exam. If you wish to take this exam, please contact our secretariat who will let you know the cost of the exam and will take care of all the necessary administrative procedures for you.

## Participant profiles

- Virtual Desktop administrators
- Azure Administrators
- Azure Architects
- Microsoft 365 Administrators

## Prerequisites

- No prerequisites

## 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

## Niveau

Intermédiaire

### Classroom Registration Price (CHF)

3200

### Virtual Classroom Registration Price (CHF)

3000

### Duration (in Days)

4