COURSE OUTLINES

Microsoft
Solutions Partner
Microsoft Cloud

Training Services

Course Name: Configuring And Operating Azure Virtual Desktop
Course Code: MS-AZ140T00

DELIVERY	SKILL LEVEL	DELIVERY METHOD	TRAINING CREDITS	TECHNOLOGY
1 Days	Intermediate	In Class/VILT	N/A	Agile

Course Overview

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 Azure Virtual Desktop and optimizing them to run in multi-session virtual environments.

Target Audience

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 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.

Course Objectives

- Select an appropriate licensing model for Azure Virtual Desktop
- Implement networking for Azure Virtual Desktop
- Manage Azure 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 Azure Virtual Desktop
- Configure user Azure Virtual Desktop experience settings

- Install and configure apps on a session host
- Implement business continuity and disaster recovery
- Monitor and manage Azure Virtual Desktop performance

Course Content

Module 1: Plan an Azure Virtual Desktop Implementation

In this module, you will learn how to assess existing physical and virtual desktop environments, plan and configure name resolution for Active Directory (AD) and Azure Active Directory Domain Services (Azure AD DS), and plan for Azure Virtual Desktop client deployments. format only. No bullets or lists.

Lessons:

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

Lab: Prepare for deployment of Azure Virtual Desktop (Azure AD DS)

Lab: Prepare for deployment of Azure Virtual Desktop (AD DS)

Module 2: Implement an Azure Virtual Desktop Infrastructure

In this module, you will learn how to manage connectivity to the Internet and on-premises networks, create a host pool by using the Azure portal, deploy host pools using Azure Resource Manager templates, apply OS and application updates to a running Azure Virtual Desktop host, and create a master image.

Lessons:

- Implement and manage networking for Azure Virtual Desktop
- Implement and manage storage for Azure Virtual Desktop
- Create and configure host pools and session hosts
- Create and manage session host image

Lab: Deploy host pools and session hosts by using the Azure portal (AD DS)

Lab: Implement and manage storage for Azure Virtual Desktop (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: Create and configure host pools and session hosts (Azure AD DS)

Module 3: Manage Access and Security

In this module, you will learn how to plan and implement Azure roles and RBAC for Azure Virtual Desktop, implement Conditional Access policies for connections, plan and implement MFA, and manage security by using Azure Security Center.

Lessons:

- Manage access
- Manage security

Lab: Configure Conditional Access policies for connections to Azure Desktop (AD DS)

Module 4: Manage User Environments and Apps

In this module, you will learn how to plan for FSLogix, install FSLogix, configure Cloud Cache, deploy an application as a RemoteApp, and implement and manage OneDrive for Business for a multi-session environment.

Lesson

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

Lab: Implement and manage Azure Virtual Desktop profiles (Azure AD DS)

Lab: Package Windows Azure Virtual Desktop applications (AD DS)

Module 5: Monitor and maintain an Azure Virtual Desktop infrastructure

In this module, you will learn how to plan and implement a disaster recovery plan for Azure Virtual Desktop, configure automation for Azure Virtual Desktop, implement auto-scaling in host pools, and optimize session host capacity and performance.

Lesson

- Plan and implement business continuity and disaster recovery
- Automate Azure Virtual Desktop management tasks
- Monitor and manage performance and health

Lab: Implement autoscaling in host pools (AD DS)

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