

KOENIG SOLUTIONS • COURSE OUTLINE

AZ-1005 - Configuring Azure Virtual Desktop for the Enterprise

Learn to plan, implement, secure and manage Azure Virtual Desktop environments, including host pools, user profiles and access control.

4

MODULES

19

TOPICS

2

HANDS-ON EXERCISES

COURSE OVERVIEW

This course covers planning an Azure Virtual Desktop implementation, including architecture design and user identity and profile considerations. It then addresses implementing the infrastructure, covering networking, storage, host pools, session hosts and master images. Access and security topics include RBAC, Conditional Access policies, multifactor authentication and Azure Security Center. The final module covers managing user environments and applications through FSLogix, user experience settings and app installation on session hosts.

WHO THIS COURSE IS FOR

IT Administrators

Systems Administrators

Cloud Engineers

Desktop Virtualisation Engineers

Infrastructure Architects

LEARNING OBJECTIVES

- Explain Azure Virtual Desktop architecture and design considerations
- Plan user identities and profiles for Azure Virtual Desktop
- Configure networking and storage for Azure Virtual Desktop
- Create and configure host pools and session hosts
- Manage session host images for Azure Virtual Desktop
- Apply RBAC and Conditional Access policies for secure access
- Implement multifactor authentication and Azure Security Center monitoring
- Configure FSLogix and manage apps on session hosts

4 Modules, 19 Topics

01

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 Windows Virtual Desktop client deployments.

TOPICS

Azure Virtual Desktop architecture · Design the Azure Virtual Desktop architecture · Design for user identities and profiles

EXERCISE

- Explore Azure Databricks

02

Implement an Azure Virtual Desktop Infrastructure

In this module, you will learn how to manage connectivity to the internet and onpremises networks, create a host pool by using the Azure portal, deploy host pools and hosts by using Azure Resource Manager templates, apply OS and application updates to a running WVD host, and create a master image.

TOPICS

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

03

Manage Access and Security for Azure Virtual Desktop

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

TOPICS

- Role-based access control (RBAC) for Azure Virtual Desktop
- Plan and implement Azure roles and role-based access control (RBAC) for Azure Virtual Desktop
- Using Azure Virtual Desktop with Microsoft Intune
- Configuring screen capture protection for Azure Virtual Desktop
- Plan and implement Conditional Access policies for connections to Azure Virtual Desktop
- Plan and implement multifactor authentication (MFA) in Azure Virtual Desktop

Manage Access and Security for Azure Virtual Desktop (continued)

TOPICS (CONTINUED)

- Understand Conditional Access policy components
- Manage security by using Azure Security Center
- Security posture management and threat protection

04

Manage User Environments and Apps for Azure Virtual Desktop

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.

TOPICS

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

EXERCISE

- Exercise

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Hands-on exercises throughout the course
- Delivery by certified instructors and subject matter experts
- Course completion certificate from Koenig

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

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