

KOENIG SOLUTIONS · COURSE OUTLINE

AZ-1010: Deploy and Manage Azure Arc-Enabled Servers

Learn to onboard, monitor, update, secure and manage servers with Azure Arc across hybrid environments.

8 Hours

DURATION

5

MODULES

21

TOPICS

COURSE OVERVIEW

This course covers onboarding servers to Azure Arc using interactive, at-scale and Windows Admin Center methods. It then addresses configuring monitoring for Azure Arc-enabled Windows Server instances through Log Analytics, data collection rules and Azure Policy. It continues with configuring updates via Azure Update Manager, including periodic assessments, patch orchestration and maintenance schedules, followed by configuring Microsoft Defender for Cloud protections for servers and SQL Server. The course concludes with managing Azure Arc-enabled servers through scripting, VM extensions and Run Command.

WHO THIS COURSE IS FOR

System Administrators

Cloud Administrators

IT Operations Engineers

Infrastructure Engineers

Security Administrators

LEARNING OBJECTIVES

- Onboard servers to Azure Arc using interactive and at-scale methods
- Register Windows Admin Center with Azure for server onboarding
- Configure a Log Analytics workspace and data collection rules
- Apply Azure Policy assignments for monitoring configuration
- Configure update assessments and patch orchestration in Update Manager
- Install one-time updates and configure maintenance schedules
- Configure Defender for Cloud protections for servers and SQL Server
- Manage Azure Arc-enabled servers using VM extensions and Run Command

5 Modules, 21 Topics

01

Onboard Servers to Azure Arc

TOPICS

- Add a server to Azure Arc by using the interactive method
- Create a service principal
- Add a server to Azure Arc by using the at-scale method
- Register Windows Admin Center with Azure
- Add a server to Azure Arc by using Windows Admin Center

02

Configure Monitoring of Azure Arc-Enabled Windows Server Instances by Using Azure Policy

TOPICS

Create a Log Analytics workspace · Create and configure a data collection rule · Create a data collection endpoint · Create an Azure Policy assignment

03

Configure Updates of Azure Arc-Enabled Servers by Using Azure Update Manager

TOPICS

- Enable Windows Update service on the Azure Arc-enabled servers
- Configure periodic assessments for a single Arc-enabled server
- Configure periodic checking for missing system updates on multiple servers by using Azure Policy
- Configure patch orchestration for a single Arc-enabled server
- Install one-time updates
- Configure a maintenance schedule

04

Configure Microsoft Defender for Cloud for Azure Arc-Enabled Servers

TOPICS

- Configure Microsoft Defender for Cloud workload protection for servers
- Configure Defender for Cloud workload protection for SQL Server
- Apply Defender for Cloud-based recommendations

05

Manage Azure Arc-Enabled Servers by Using Scripting

TOPICS

- Implement VM extensions in Azure Arc-enabled servers
- Perform maintenance by using the arctangent CLI
- Perform management tasks by using Run Command on Azure Arc-enabled servers

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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