DEPLOY AND MANAGE AZURE ARC-ENABLED SERVERS (AZ-1010)

Course Code: 834096

In this course, you're introduced to Azure Arc-enabled servers. You'll cover Arc-enabled server deployment, updates to Arc-enabled servers using Azure Update Manager and configuring Microsoft Defender for Cloud for Azure Arc-enabled servers.

Prerequisites

- Experience using the Azure portal to create resources.
- Basic knowledge of security concepts like identities, permissions, and encryption.
- Basic knowledge of networking concepts like virtual networks, subnetting, and hybrid scenarios.

Basic knowledge of Azure Policy and Azure Arc concepts.

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CLASSROOM LIVE	$675 USD	1 Day

Classroom Live Outline

Module 1: Introduction to Azure Arc-enabled servers

- What are the characteristics of Azure Arc-enabled servers?
- What are the core management and governance capabilities of Azure Arc-enabled servers?
- What are the security and monitoring capabilities of Azure Arc-enabled servers?

Module 2:Plan and deploy Azure Arc-enabled servers at scale

- What is Azure Arc-enabled servers and its capabilities?
- Test Azure Arc-enabled servers capabilities using Azure VMs
- Planning considerations for a secure configuration
- Explore different methods to onboard servers at scale to Azure Arc
- Best practices for Azure Arc-enabled servers management and services in Azure

Module 3: Govern your hybrid and multicloud machines through Azure Arc-enabled servers

- Govern Azure Arc-enabled servers with Azure Policy Guest Configuration
- Assign Azure Policies to govern Azure Arc-enabled servers
- Azure Auto- manage best practices for Azure Arc-enabled servers
- Modernize deployment, response, and orchestration of Azure Arc-enabled servers with Azure Automation

Module 4: Configure updates of Azure Arc-enabled servers by using Azure Update Manager

- Azure Update Manager
    - Azure Update Manager key features
    - How to manage updates for Azure Arc-enabled servers

⊠ Create a maintenance configuration schedule
⊠ Associate a virtual machine with a schedule

Module 5: Configure Microsoft Defender for Cloud for Azure Arc-enabled servers

- What is Microsoft Defender for Cloud?
  - ⊠ Secure cloud applications
  - ⊠ Protect cloud workloads
  - ⊠ Connect your non-Azure machines to Microsoft Defender for Cloud
  - ⊠ Connect on-premises machines by using Azure Arc
  - ⊠ Connect on-premises machines by using the Azure portal
  - ⊠ Onboard a Windows server
  - ⊠ Onboard a Linux server
  - ⊠ Verify that your machines are connected

Module 6: Manage Azure Arc-enabled servers by using scripting

- Connect hybrid machines to Azure using a deployment script
- Connect hybrid machines to Azure by using PowerShell
- Connect machines at scale by running PowerShell scripts with Configuration Manager

Module 7: Guided exercise - Manage on-premises Windows servers by using Azure Arc

- Exercise 1 - Onboard Windows servers to Azure Arc
- Exercise 2 - Manage Azure Arc-enabled Windows servers by using Azure Policy
- Exercise 3 - Enhance security of Azure Arc-enabled Windows servers by using Microsoft Defender for Cloud
- Exercise 4 - Monitor Azure Arc-enabled Windows servers by using Azure Monito
- Exercise 5 - Manage updates of Azure Arc-enabled Windows servers by using Azure Update Manager
- Exercise 6 - Configure on-premises Windows servers by using Azure virtual machine extensions and CLI

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VIRTUAL CLASSROOM LIVE	$675 USD	1 Day

Virtual Classroom Live Outline

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    ⊠ Connect on-premises machines by using the Azure portal
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    ⊠ Onboard a Linux server
    ⊠ Verify that your machines are connected

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Jul 11 - 11, 2025 | 9:00 AM - 5:00 PM EDT

Sep 12 - 12, 2025 | 9:00 AM - 5:00 PM EDT

Nov 14 - 14, 2025 | 9:00 AM - 5:00 PM EST

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PRIVATE GROUP TRAINING	1 Day

Visit us at www.globalknowledge.com or call us at 1-866-716-6688.