



Deploy and manage Azure Arc-enabled Servers (AZ-1010)

ID AZ-1010 **Price** 690.— €(excl. tax) **Duration** 1 day

Course Overview

In this learning path, 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.

Detailed Course Outline

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?

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

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 Automate best practices for Azure Arc-enabled

servers

- Modernize deployment, response, and orchestration of Azure Arc-enabled servers with Azure Automation

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

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

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

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

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