

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

Varighed: 1 Day Kursus Kode: M-AZ1010 Leveringsmetode: Company event (Firmakursus)

Beskrivelse:

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.

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Firmakursus

Med et firmakursus bliver jeres it-kompetenceudvikling målrettet jeres behov. Det betyder, at vi hjælper med at finde og sammensætte det helt rigtige kursusindhold og den helt rigtige form. Kurset kan afvikles hos os eller kunden, standard eller virtuelt.

Målgruppe:

This course is destined to Microsoft Azure Administrators interested in ARC-enabled servers.

Agenda:

- After this course participants should be able to:
- Describe Azure Arc-enabled servers
- Plan and deploy Azure Arc-enabled servers at scale
- Govern hybrid and multicloud machines through Azure Arc-enabled servers
- Configure updates of Azure Arc-enabled servers by using Azure Update Manager
- Configure Microsoft Defender for Cloud for Azure Arc-enabled servers
- Manage Azure Arc-enabled servers by using scripting
- Manage on-premises Windows servers by using Azure Arc

Forudsætninger:

- 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.

Indhold:

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 Monitor
- 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

Additional Information:

Official course book provided to participants.

Flere Informationer:

For yderligere informationer eller booking af kursus, kontakt os på tlf.nr.: 44 88 18 00

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