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

Duración: 1 Días Código del Curso: M-AZ1010

Temario:

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.
Upd07/2025

Dirigido a:

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

Objetivos:

- 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

Prerequisitos:

- 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.

Contenido:

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

Información Adicional:

Official course book provided to participants.

Más información:

Para más información o para reservar tu plaza llámanos al (34) 91 425 06 60

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