



MICROSOFT TRAINING

AZ-1010 Deploy and manage Azure Arc-enabled Servers

Learn to deploy and manage Azure Arc-enabled servers efficiently. Master hybrid cloud operations and prepare for the AZ-1010 exam.

DURATION

8 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

The "AZ-1010 Deploy and manage Azure Arc-enabled Servers" course is an essential intermediate-level program designed for IT professionals navigating the complexities of hybrid and multi-cloud environments. This comprehensive 8-hour course provides deep insights into Microsoft Azure Arc, a groundbreaking technology that extends Azure's management capabilities to servers located anywhere – be it on-premises data centers or other cloud providers. You will learn how to seamlessly connect, manage, and govern your distributed server infrastructure as if it were running natively in Azure, fostering a truly unified operational experience.

Participants will gain hands-on experience deploying Azure Arc agents, integrating non-Azure servers with Azure management services like Azure Monitor, Azure Policy, and Azure Security Center (now Microsoft Defender for Cloud). The curriculum focuses on practical skills for consistent governance, enhanced security, and streamlined operations across diverse server landscapes. By mastering Azure Arc-enabled Servers, you'll be equipped to reduce operational overhead, enforce compliance effectively, and drive efficiency in complex IT ecosystems, positioning yourself as a crucial asset in any modern IT organization.

Duration	8 hours
Level	Intermediate
Vendor	Microsoft
Exam Code	AZ-1010

COURSE CURRICULUM

01 Module 1: Introduction to Azure Arc-enabled Servers

- Understanding the Hybrid and Multi-Cloud Challenge
- What is Azure Arc and its Core Principles?
- Benefits and Key Use Cases for Azure Arc-enabled Servers
- Azure Arc Prerequisites and Resource Providers
- Planning for Azure Arc Deployment

02 Module 2: Deploying Azure Arc-enabled Servers

- Preparing the Environment for Azure Arc Onboarding
- Manual Onboarding of Windows and Linux Servers to Azure Arc
- Automated Onboarding at Scale using Deployment Scripts
- Connecting Servers with Service Principals for Large-Scale Deployments
- Verifying and Troubleshooting Initial Azure Arc Connectivity

03 Module 3: Managing and Governing Azure Arc-enabled Servers

- Viewing and Managing Arc-enabled Servers in the Azure Portal
- Extending Azure Policy and Guest Configuration to Non-Azure Servers
- Implementing Azure Role-Based Access Control (RBAC) for Hybrid Resources
- Securing Arc-enabled Servers with Microsoft Defender for Cloud
- Understanding Patch Management and Update Automation for Hybrid Environments

04 Module 4: Monitoring and Advanced Operations with Azure Arc

- Collecting Logs and Metrics with Azure Monitor and Log Analytics
- Deploying and Managing VM Extensions on Arc-enabled Servers

- Utilizing Azure Automation Hybrid Runbook Workers
- Troubleshooting Common Issues with Azure Arc Agents and Connectivity
- Best Practices for Maintaining Arc-enabled Server Health and Compliance

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Hybrid Cloud Administrator**
- > **Azure Infrastructure Engineer (with a focus on hybrid operations)**
- > **IT Operations Manager (specializing in distributed server environments)**

FREQUENTLY ASKED QUESTIONS

Q: How does mastering 'AZ-1010 Deploy and manage Azure Arc-enabled Servers' specifically benefit my career in today's IT landscape?

This course is crucial for IT professionals looking to bridge the gap between on-premises, multi-cloud, and Azure environments. By gaining expertise in AZ-1010, you'll be able to unify management, governance, and security across your entire server estate, making you an invaluable asset for organizations adopting hybrid cloud strategies. This directly qualifies you for advanced roles focusing on streamlined operations, enhanced compliance, and cost optimization in complex IT infrastructures, positioning you as a specialist in modern hybrid cloud architecture and administration.

Q: Are there any specific prerequisites or recommended background knowledge for enrolling in the AZ-1010 Deploy and manage Azure Arc-enabled Servers course?

While there are no strict formal prerequisites, a foundational understanding of Azure concepts, including Azure Portal navigation, resource groups, and basic networking, is highly recommended. Familiarity with managing Windows and/or Linux servers, including PowerShell or Bash scripting, will also greatly enhance your learning experience and ability to grasp the deployment and management concepts covered in this intermediate-level course.

Q: What specific advanced governance and operational skills will I gain for non-Azure servers through this AZ-1010 course?

This course goes beyond basic server onboarding. You will learn to extend Azure's robust governance capabilities, such as Azure Policy and Guest Configuration, directly to your on-premises and multi-cloud servers. You'll master integrating these servers with Microsoft Defender for Cloud for advanced threat protection and vulnerability management, configure Azure Monitor for unified logging and performance tracking, and leverage VM extensions and Azure Automation for consistent patch management and operational automation across your hybrid fleet.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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