Deploy and administer Linux virtual machines on Azure (AZ-1007)

ID AZ-1007 **Price** CHF 870.—(excl. VAT) **Duration** 1 days

Who should attend

This course is designed for students who are performing Azure Administrator virtual machine workload tasks in their day-to-day job. This course is for students to bridge fundamental level skills and entry-level associate skills. This course applies to multiple IT roles, including infrastructure, storage, security, and monitoring.

Course Content

Monitor your Azure virtual machines with Azure Monitor

- Introduction
- Monitoring for Azure VMs
- Monitor VM host data
- Use Metrics Explorer to view detailed host metrics
- Collect client performance counters by using VM insights
- Collect VM client event logs
- Summary

Protect your virtual machines by using Azure Backup

- Introduction
- Azure Backup features and scenarios
- Back up an Azure virtual machine by using Azure Backup
- Exercise - Back up an Azure virtual machine
- Restore virtual machine data
- Exercise - Restore Azure virtual machine data
- Summary

Implement access management for Azure resources

- Introduction
- Assign Azure roles
- Configure custom Azure roles
- Create and configure managed identities
- Access Azure resources with managed identities
- Analyze Azure role permissions
- Configure Azure Key Vault RBAC policies
- Retrieve objects from Azure Key Vault
- Knowledge check
- Summary and resources

Configure Azure Files

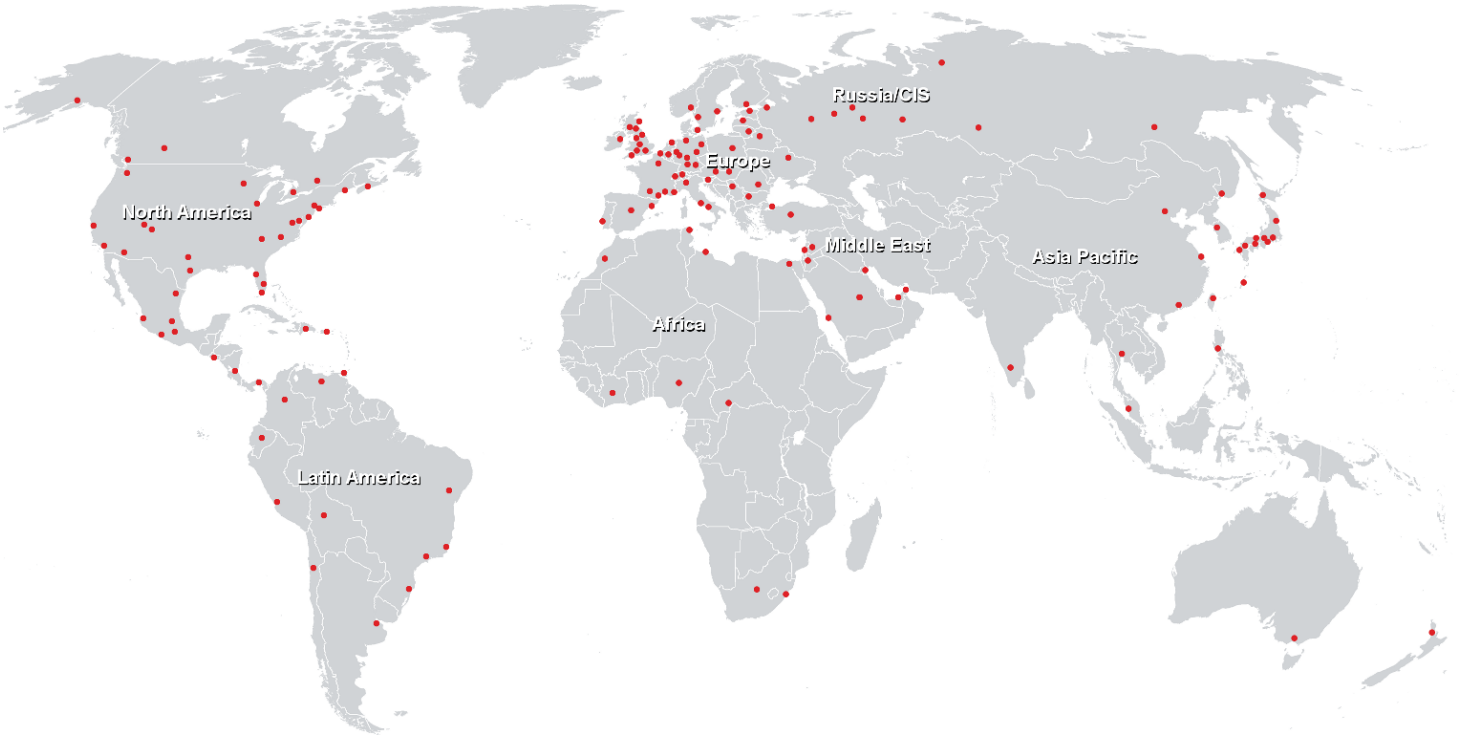
- Introduction
- Compare storage for file shares and blob data
- Manage Azure file shares
- Create file share snapshots
- Implement soft delete for Azure Files
- Use Azure Storage Explorer
- Consider Azure File Sync
- Knowledge check
- Summary and resources

Guided Project: Deploy and administer Linux virtual machines on Azure

- Introduction
- Exercise - Create and configure Linux virtual machines
- Exercise - Monitor virtual machines
- Exercise - Configure storage for virtual machines
- Exercise - Back up virtual machines
- Module assessment
- Summary and resources

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