



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

ID AZ-1007 Price 690.— €(excl. tax) Duration 1 day

## Course Overview

In this learning path, you prepare for the Applied Skill, Deploy and administer Linux virtual machines on Microsoft Azure.

## Prerequisites

- Experience using the Azure portal and CLI to create resources.
- Familiarity with identity management and role-based access control.
- Experience creating and configuring Azure virtual machines.
- Working knowledge of administering operating systems based on the Linux kernel.

## Detailed Course Outline

### 9 Modules:

#### Module 1

- Configure virtual machines
  - Learn how to configure virtual machines including sizing, storage, and connections.

#### Module 2

- Add and size disks in Azure virtual machines
  - Learn how to use the cross-platform Azure CLI to create, start, stop, and perform other management tasks related to virtual machines in Azure.

#### Module 3

- Monitor your Azure virtual machines with Azure Monitor
  - Learn how to monitor your Azure VMs by using Azure Monitor to collect and analyze VM host and client metrics and logs.

#### Module 4

- Protect your virtual machines by using Azure Backup
  - Use Azure Backup to help protect on-premises servers, virtual machines, SQL Server, Azure file shares, and other workloads.

#### Module 5

- Manage virtual machines with the Azure CLI
  - Learn how to use the cross-platform Azure CLI to create, start, stop, and perform other management tasks related to virtual machines in Azure.

#### Module 6

- Implement access management for Azure resources
  - Explore how to use built-in Azure roles, managed identities, and RBAC-policy to control access to Azure resources. Identity is the key to secure solutions.

#### Module 7

- Configure Azure Files and Azure File Sync
  - Learn how to configure Azure Files and Azure File Sync.

#### Module 8

- Copy and move blobs from one container or storage account to another using the AzCopy command
  - Learn how to use AzCopy to copy and move blobs between contains and storage accounts both synchronously and asynchronously.

#### Module 9

- Guided Project: Deploy and administer Linux virtual



machines on Azure

- In this guided project module, you prepare and study for the Deploy and administer Linux virtual machines on Azure Applied Skill.

# About Fast Lane



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