

**Deploy and Administer Linux Virtual Machines on Azure (AZ-1007)**

**Course Number:** MOC-AZ-1007
**Duration:** 1 day

**Overview**

This official Microsoft course, Deploy and Administer Linux Virtual Machines on Azure (AZ-1007), teaches learners to deploy and administer Linux virtual machines (VMs) on Azure. Candidates perform tasks in the context of the current LTS version of the Ubuntu Server distribution.

**Prerequisites**

Learners must be familiar with the fundamentals of Azure and Linux and have experience administering VMs on Azure.

**Materials**

All Microsoft Azure AI training students receive Microsoft official courseware.

For all Microsoft Official Courses taught in their entirety that have a corresponding certification exam, an exam voucher is included for each participant.

**Software Needed on Each Student PC**

Attendees will not need to install any software on their computers for this class. The class will be conducted in a remote environment that Accelebrate will provide; students will only need a local computer with a web browser and a stable Internet connection. Any recent version of Microsoft Edge, Mozilla Firefox, or Google Chrome will work well.

**Objectives**

* Create and configure a Linux VM
* Configure monitoring and backup of Linux VMs
* Scale Linux VMs vertically
* Configure identities and roles for Linux VMs
* Access Azure Storage from a Linux VM
* Prepare for the Applied Skill, Deploy and administer Linux virtual machines on Microsoft Azure

**Outline**

* Configure virtual machines
* Add and size disks in Azure virtual machines
* Monitor your Azure virtual machines with Azure Monitor
* Protect your virtual machines by using Azure Backup
* Manage virtual machines with the Azure CLI
* Implement access management for Azure resources
* Configure Azure Files and Azure File Sync
* Copy and move blobs from one container or storage account to another using the AzCopy command
* Guided Project: Deploy and administer Linux virtual machines on Azure