

**Administer Active Directory Domain Services (AZ-1008)**

**Course Number:** MOC-AZ-1008  
**Duration:** 1 day

**Overview**

This official Microsoft training course, Administer Active Directory Domain Services (AZ-1008), helps learners prepare for the APL-1008 Administer Active Directory Domain Services modern credential. This course teaches learners how to create, deploy, and maintain an Active Directory Domain Services environment.

**Prerequisites**

All learners must have experience with:

* Windows Server
* Core networking technologies

**Materials**

All Microsoft 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**

* Deploy and manage Active Directory domain controllers effectively
* Create, manage, and configure Active Directory objects (users, groups, OUs)
* Implement Group Policy Objects for domain-wide and fine-grained password policies
* Enhance Active Directory security through user rights, permissions, and security features
* Gain hands-on experience in administering Active Directory Domain Services
* Identify and address problematic accounts within Active Directory

**Outline**

* Deploy and manage Active Directory Domain Services domain controllers
  + Define Active Directory Domain Services
  + Define Active Directory Domain Services forests and domains
  + Deploy Active Directory Domain Services domain controllers
  + Migrate a domain controller to a new site
  + Manage Active Directory Domain Services operations masters
* Create and manage Active Directory objects
  + Define users, groups, and computers
  + Define organizational units
  + Manage objects and their properties in Active Directory
  + Create objects in Active Directory
  + Configure objects in Active Directory
  + Perform bulk management tasks for user accounts
  + Maintain Active Directory Domain Services domain controllers
* Create and configure Group Policy Objects in Active Directory
  + Define Group Policy Objects
  + Implement Group Policy Object scope and inheritance
  + Define domain-based Group Policy Objects
  + Create and configure a domain-based Group Policy Object
  + Configure a domain password policy
  + Configure and apply a fine-grained password policy
* Manage security in Active Directory
  + Configure user account rights
  + Configure user account rights to restrict access
  + Delegate permissions in Active Directory
  + Protect User Accounts with the Protected Users group
  + Describe Windows Defender Credential Guard
  + Block Windows NTLM authentication
  + Locate problematic accounts
* Guided project - Administer Active Directory Domain Services
  + Exercise - Configure domain controller operations
  + Exercise - Configure user management operations
  + Exercise - Manage password policies
  + Exercise - Configure security settings