

**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