

Administer Active Directory Domain Services

AZ-1008

Course Name	Administer Active Directory Domain Services
Course Code	AZ-1008
Course Duration	1 Day
Course Structure	Instructor-Led
Course Overview	AZ-1008: Administer Active Directory Domain Services prepares delegates to create, deploy, and maintain a robust Active Directory Domain Services (AD DS) environment. The course delivers structured instruction on the topology and deployment of domain controllers, the creation and management of Active Directory objects, the design and enforcement of Group Policy Objects (GPOs), and the maintenance of security across the directory service. The programme culminates in a guided project where delegates apply their knowledge to real-world AD DS scenarios, including domain deployment, GPO configuration, password enforcement, and ongoing security maintenance. The course is aligned with the APL-1008 modern credential and provides a strong foundation for IT professionals supporting hybrid identity environments.
Audience Profile	This course is designed for IT professionals, system administrators, and infrastructure engineers responsible for the deployment, administration, and security of Active Directory Domain Services within their organizations. It is also suitable for those preparing for the APL-1008 modern credential.
Course Prerequisites	Delegates should have working knowledge of Windows Server administration and core networking technologies.
Course Outcome	Upon successful completion of this course, delegates will be equipped with the skills and knowledge required to: • Deploy and manage Active Directory Domain Services domain controllers • Create and manage Active Directory objects including users, groups, and OUs • Create and configure Group Policy Objects in Active Directory • Manage security in Active Directory including permissions and authentication • Identify and remediate problematic accounts and configurations • Apply best practices for an enterprise-grade AD DS environment

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Assessment/Evaluation	This course prepares delegates for the Microsoft Applied Skills credential APL-1008: Administer Active Directory Domain Services. Successful completion of the associated assessment will result in attainment of the credential and a Certificate of Attendance issued by IT-IQ Botswana.
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Course Details	
Topic	Topic 1: Deploy and Manage Active Directory Domain Services Domain Controllers • Domain controller topology • Deploying and migrating domain controllers • Maintaining and managing domain controllers Topic 2: Create and Manage Active Directory Objects • Users, groups, and organisational units • Bulk operations and PowerShell automation • Object lifecycle management Topic 3: Create and Configure Group Policy Objects • GPO design principles • Domain-wide and fine-grained password policies • Linking, scoping, and inheritance Topic 4: Manage Security in Active Directory • Permissions and delegation • Authentication methods • Identifying problematic accounts Topic 5: Guided Project — Administer Active Directory Domain Services • Creating and deploying domains • Configuring GPOs and enforcing passwords • Maintaining AD security

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