**Microsoft Azure Fundamentals: Managing Azure AD**

**Azure Active Directory (AD) and Microsoft Entra ID**

**Azure Active Directory (AD)**

* Users (Azure AD, invited, bulk import, bulk invite)
* Groups (assigned, dynamic membership)

**Azure AD Tenant**

* Default domain name systems (DNS) domain suffix of .on.microsoft.com
* Custom DNS domains can be created
* Multiple Azure AD tenants can be created
* Cloud-based directory service (users, groups, apps, devices)

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KI-generierte Inhalte können fehlerhaft sein.

**Azure AD Administrative Unit (AU)**

Organize users and groups into Aus and delegate management access to the Aus

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**Azure AD Applications**

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**Azure Active Directory Is Microsoft Entra ID**

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**Moving Subscriptions between Tenants**

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**Using the Portal to Explore Azure AD**

Open Microsoft Entra

Users

Groups

App registrations

**Navigating between Azure AD Tenants Using the Command Line Interface (CLI)**

Az account show

Cls

Az ad user list

Az ad user --help

Az ad group list

Az ad group --help

Az ad app list

Az ad --help

**Navigating Azure AD Using PowerShell**

Get-AzTenant

Get-AzADUser

Get-AzADUser -?

Get-AzADGroup

Get-AzADApplication

**Creating an Azure AD Tenant**

Microsoft Entra

Manage tenants 🡪 Create

**Managing Azure AD Administrative Units**

Microsoft Entra ID

Administrative units 🡪 Add

Users 🡪 „Sven“ 🡪 Administrative units 🡪 Assign to administrative unit

**Enabling an Azure AD Custom Domain Name**

Microsoft Entra ID

Custom domain names 🡪 Add custom domain

**Managing Azure AD Applications**

App registrations 🡪 New registration

App registrations 🡪 „sbdemo“ 🡪 Authentication

App registrations 🡪 „sbdemo“ 🡪 Certificates & secrets 🡪 New client secret

**Managing Azure AD Users and Groups Using the Portal**

Users 🡪 New user

**Managing Azure AD Users and Groups Using the CLI**

Az ad user create --help

Az ad user create --user-principal-name jdoe@aüoregjroeijgüaoafa.com --display-name „Jamie Doe“ --pasword thisisthe123! --force-change-password-next-login true

**Managing Azure AD Users and Groups Using PowerShell**

New-AzADUser -?

New-AzADUser

DisplayName:

MailNickname:

UserPrinicpalName: [jdoe@domainname.com](mailto:jdoe@domainname.com)

Password: iajdsgpsdjsp

**Using a Bulk Import File to Create Azure AD Users**

Users 🡪 Bulk operations 🡪 Bulk create

Download CDV template

**Managing Azure AD Guest Users**

Users 🡪 New User 🡪 Invite external user

**Azure AD Dynamic Groups**

* Adapt in real-time
* Enhance security, compliance, and access control

**Simplifying Group Membership**

* Updates group membership automatically
* Reduces the risk of human error

**Group Creation and Configuration**

* Define group criteria
* Flexible and secure

**Dynamic Group Use Cases**

* Access control
* License assignment

**Dynamic Group Automation**

* From on-premises Active Directory (AD) to Microsoft Entra ID
* Schedules for attribute updates

**Security and Compliance**

* Enforce consistent access control
* Detailed auditing

**Benefits**

* Dynamic
* Efficient