Azure - Identity services

FUNDAMENTALS Identity The fact of being something or someone. A user with a username and password. Also applications or other servers with secret keys or certificates.

SERVER ADAM

Authentication



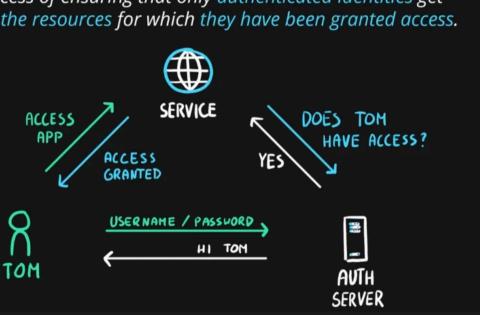


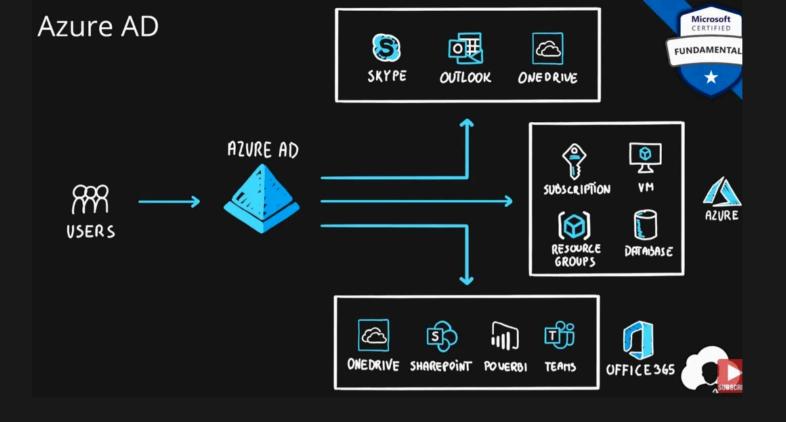


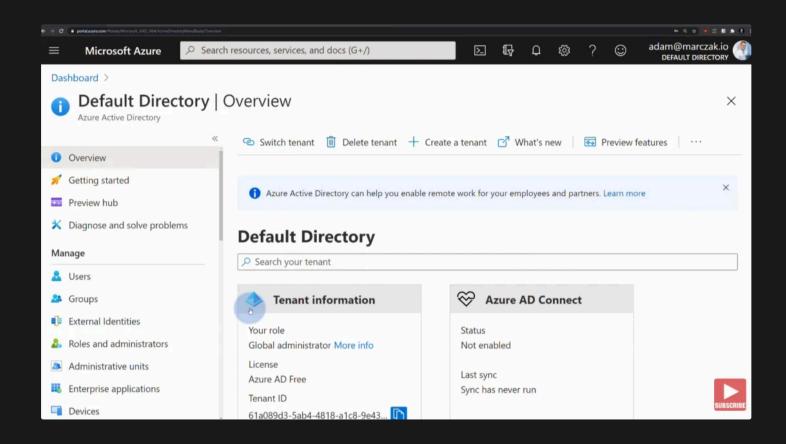
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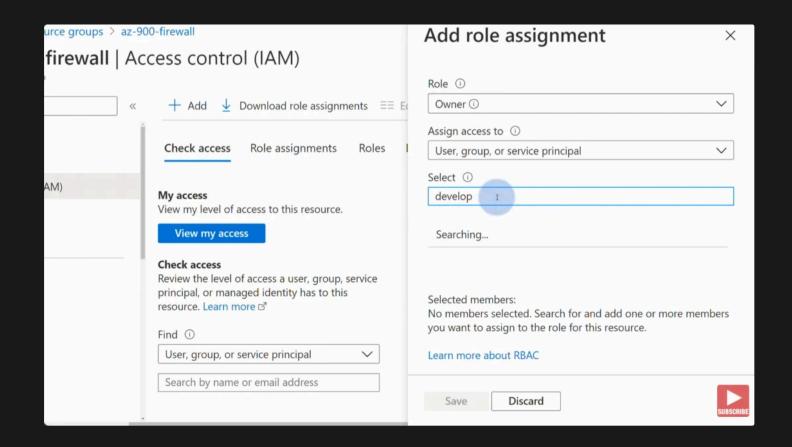
Authorization

The process of ensuring that only authenticated identities get access to the resources for which they have been granted access.









Azure Active Directory

Key Characteristics

- Identity and Access Management service in Azure
- Identities management users, groups, applications
- Access management subscriptions, resource groups, roles, role assignments, authentication & authorization settings, etc.
- Used by multiple Microsoft cloud platforms
 - Azure
 - Microsoft 365
 - Office 365
 - Live.com services (Skype, OneDrive, etc.)
- Syncs with on-premises Active Directory via sync services

Multi-factor Authentication

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Microsoft CERTIFIED FUNDAMENTALS

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Process of presenting two or more pieces of evidence to prove one's identity







Multi-factor Authentication

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Process of presenting two or more pieces of evidence to prove one's identity







Key Characteristics



- Process of authentication using more than one factor (evidence) to prove identity
- Factor types
 - Knowledge Factor "Something you know", ex. password, pin
 - Possession Factor "Something you have", ex. phone, token, card, key
 - Physical Characteristic Factor "Something you are", ex. fingerprint, voice, face, eye iris
 - Location Factor "Somewhere vou are", ex. GPS location