

Hybrid Identity

Authentication & Entra Connect

Hybrid identity model & directory synchronisation is the most common for enterprise users

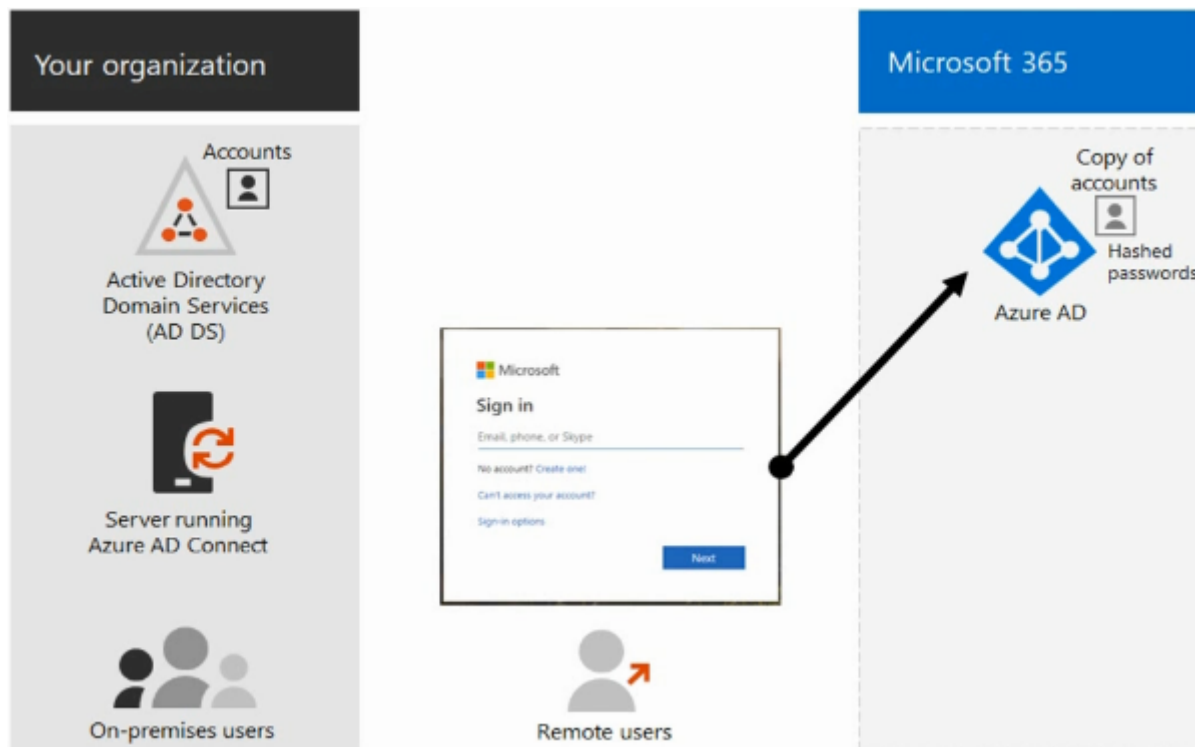
- Directory synchronisation allows updates to AD DS to synchronise with the Entra ID
- AD DS identities are synchronised with Microsoft 365 and users are managed on-prem

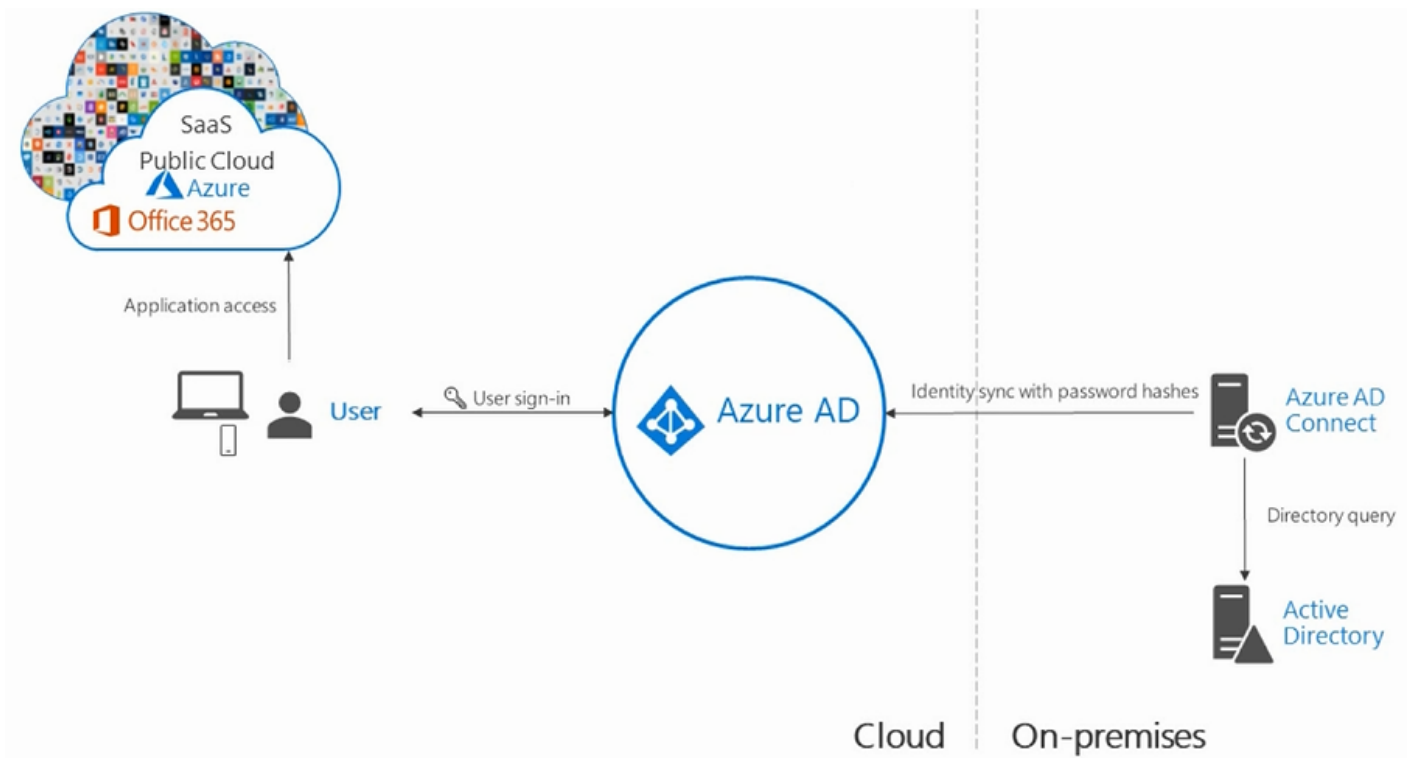
Managed Authentication

Password Hash Synchronisation (PHS) (Recommended)

Entra ID handles authentication using a locally hashed password

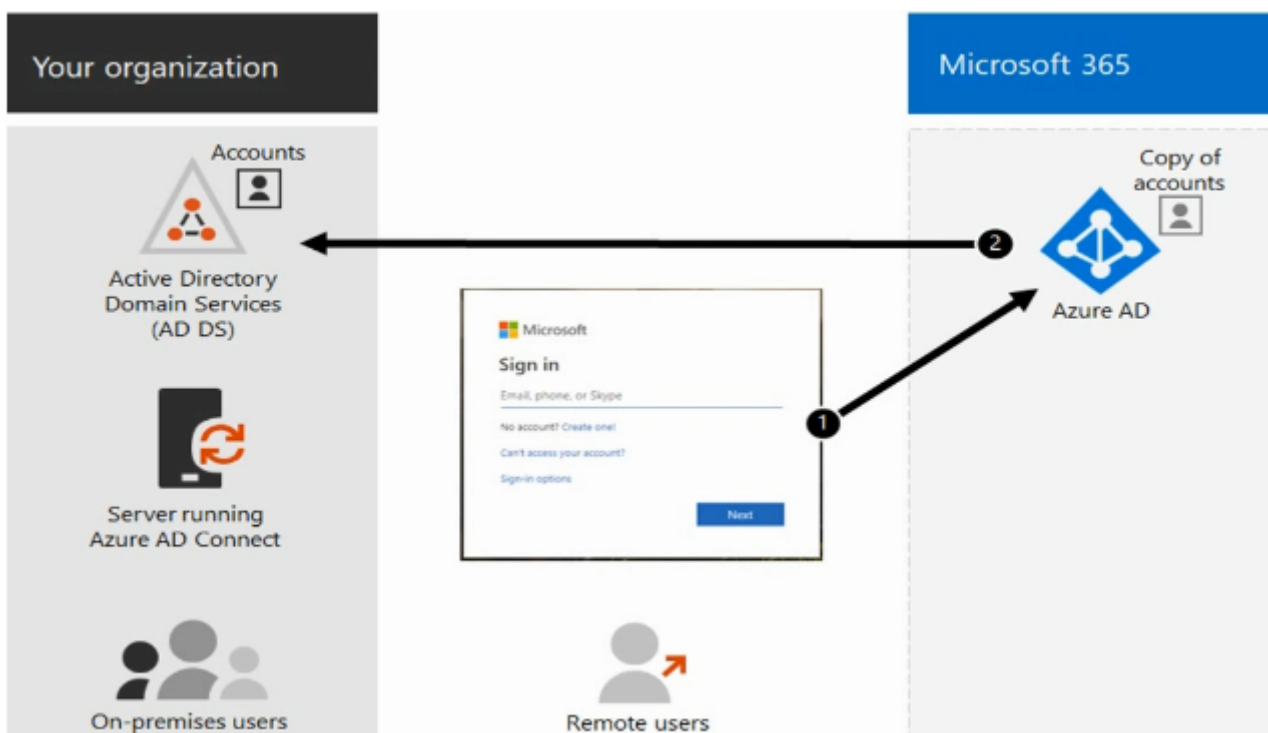
- Password hashes are synchronised out from AD DS to Entra ID so that users have the same password

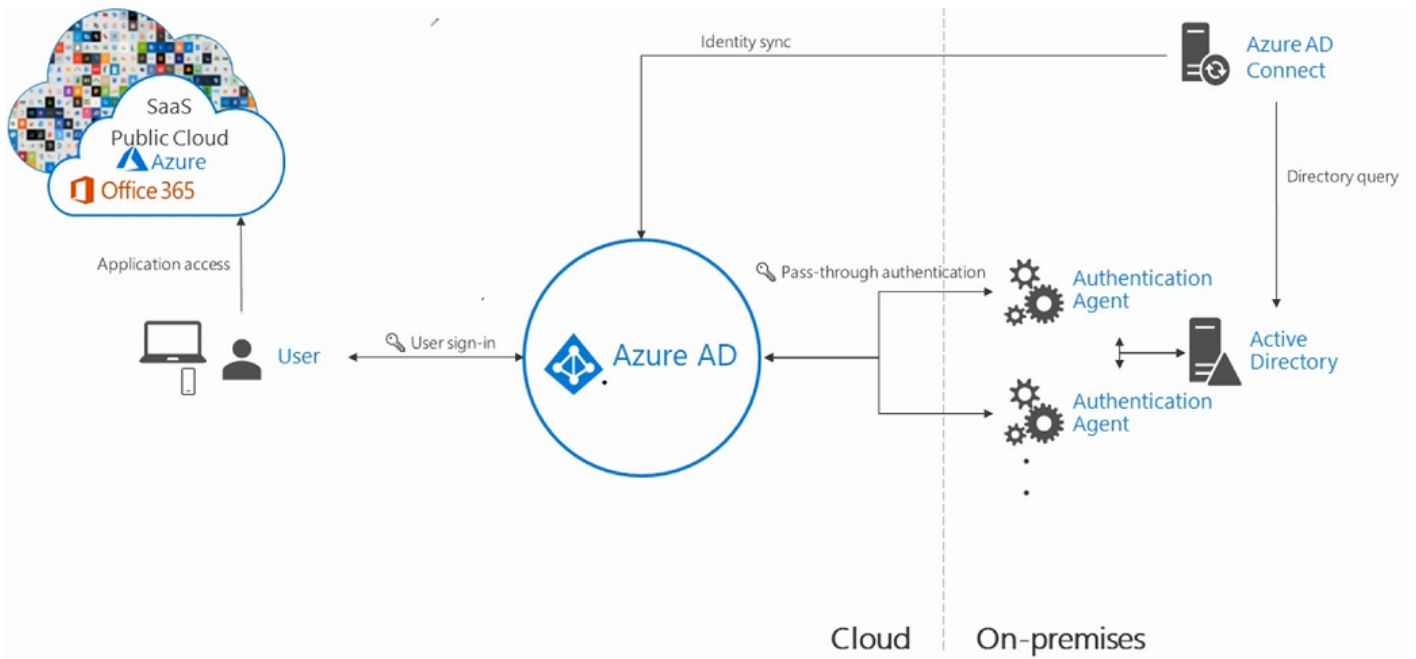




Pass-Through Authentication (PTA)

Entra ID sends the credentials to an on-prem software agent to be authenticated by AD DS





Federated Authentication

Federated Authentication - Entra ID redirects the client's authentication request to another identity provider

- Primarily for large enterprises with more complex requirements
- Users have the same password on-prem and in the cloud and do not have to sign in again to use 365
- Supports additional requirements such as smartcards or third party MFA

