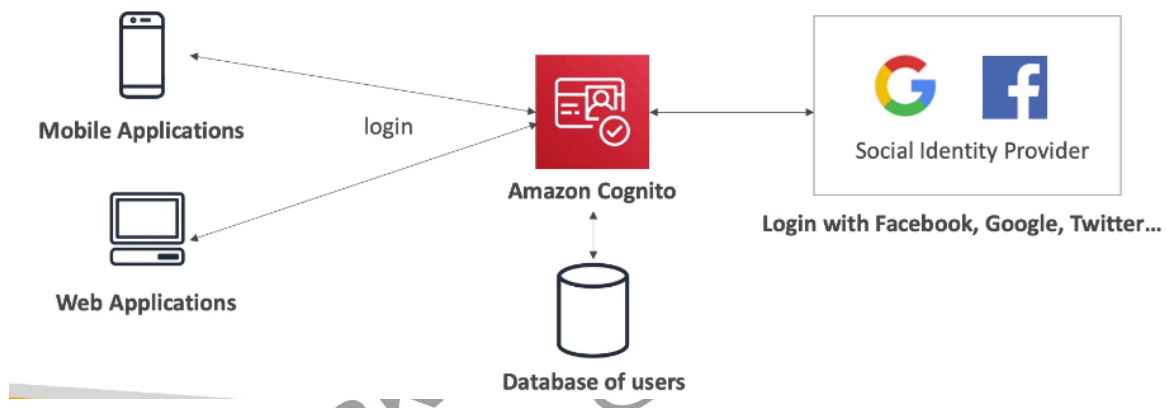


AWS Cognito, Active Directory(AD), Single- Sign-On(SSO)

Amazon Cognito (simplified)

- Identity for your Web and Mobile applications users (potentially millions)
- Instead of creating them an IAM user, you create a user in Cognito

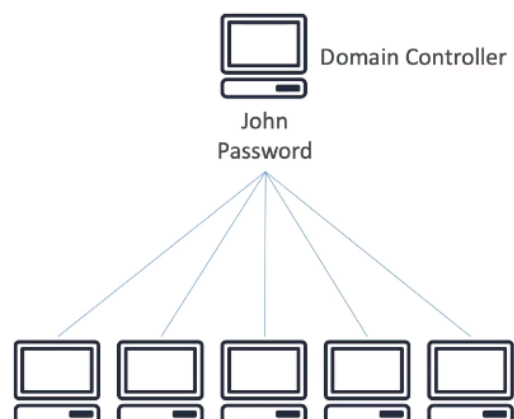


Active Directory

This is in Windows

What is Microsoft Active Directory (AD)?

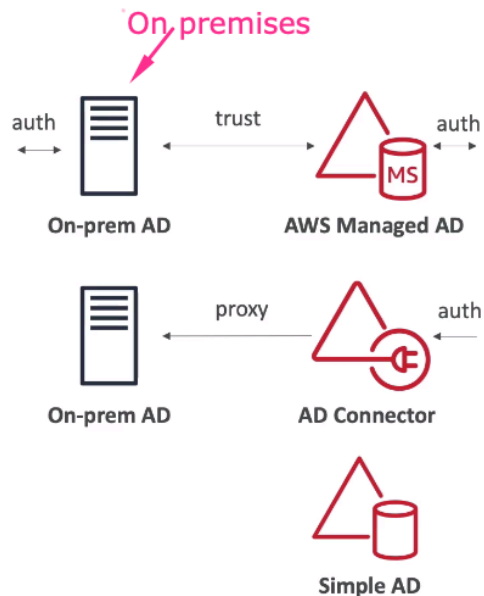
- Found on any Windows Server with AD Domain Services
- Database of objects: User Accounts, Computers, Printers, File Shares, Security Groups
- Centralized security management, create account, assign permissions



AWS Directory Services

AWS Directory Services

- 1 • **AWS Managed Microsoft AD**
 - Create your own AD in AWS, manage users locally, supports MFA
 - Establish "trust" connections with your on-premise AD
- 2 • **AD Connector**
 - Directory Gateway (proxy) to redirect to on-premise AD
 - Users are managed on the on-premise AD
- 3 • **Simple AD**
 - AD-compatible managed directory on AWS
 - Cannot be joined with on-premise AD

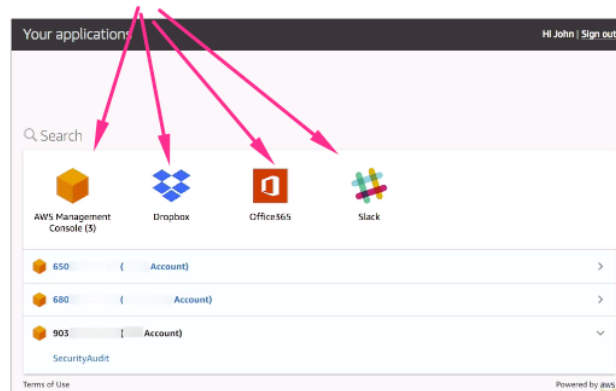


AWS Single Sign-On (SSO)

AWS Single Sign-On (SSO)

- Centrally manage Single Sign-On to access multiple accounts and 3rd-party business applications.
- Integrated with AWS Organizations
- Supports SAML 2.0 markup
- Integration with on-premise Active Directory

Single account use for all



<https://aws.amazon.com/blogs/security/introducing-aws-single-sign-on/>

github.com/pvnaakum7

For Example

AWS Single Sign-On (SSO) – Setup with AD



Advanced Identity- Summary

Advanced Identity - Summary

- IAM
 - Identity and Access Management inside your AWS account
 - For users that you trust and belong to your company
- Organizations: manage multiple AWS accounts
- Cognito: create a database of users for your mobile & web applications
- Directory Services: integrate Microsoft Active Directory in AWS
- Single Sign-On (SSO): one login for multiple AWS accounts & applications

github.com/pvnaakum7