



Course 10993 • Microsoft Azure Integrating On-Premises Identity Infrastructure with Microsoft Azure

Length

- 2 days

Audience

- IT professionals who want to develop knowledge of identity services integration between on-premises services and cloud services
- AD DS administrators who are looking to train in cloud identity and access technologies
- System or infrastructure administrators with general AD DS experience and knowledge, who are looking for more advanced identity training for Azure services

Prerequisites

- Experience with AD DS concepts and technologies in Windows Server 2012 or 2016
- Experience configuring Windows Server 2012 or 2016
- Basic experience with Windows PowerShell
- Basic experience with cloud services such as Office 365
- Basic experience with the Azure platform
- Basic experience with identities on premises or in cloud

This 2-day, instructor-led workshop teaches IT professionals how to integrate their on-premises AD DS environment with Azure AD and how to use Azure AD as a directory service. It also teaches candidates how to use Azure RMS to protect sensitive documents. Additionally, it focusses on how to enhance authentication with multi-factor authentication and how to monitor directory synchronization health.

Workshop Outline

Module 1: Introducing Azure AD

- Azure AD overview
- Implementing and configuring Azure AD
- Managing Azure AD

Module 2: Integrating on-premises Active Directory with Azure

- Extending an on-premises Active Directory domain to Azure
- Directory synchronization overview
- Implementing and configuring directory synchronization
- Managing synchronized directories

What You'll Learn

- Compare Azure AD to AD DS, perform Azure AD tenant provisioning, and manage objects and user roles in Azure AD
- Implement and configure directory synchronization and manage synchronized directories
- Use Azure AD as a directory service for an on-premises environment, configure single sign-on (SSO) in Azure AD, and protect privileged identities
- Implement multi-factor authentication
- Implement Azure RMS and integrate Azure RMS with on-premises services
- Configure alerts and monitor directory services infrastructure

Module 3: Using Azure AD as a directory service in hybrid environments

- Azure AD as a directory service for on-premises environments
- Configuring SSO with Azure AD
- Implementing Azure AD PIM

Module 4: Configuring and protecting authentication in hybrid environments

- Authenticating users in hybrid environments
- Implementing multi-factor authentication

Module 5: Deploying Azure RMS with on-premises services

- RMS overview
- Implementing Azure RMS
- Integrating Azure RMS with on-premises services

Module 6: Monitoring Azure AD

- Azure AD reporting
- Monitoring Azure AD