

WorkshopPLUS - Microsoft Entra: Hybrid Identity

WorkshopPLUS

Duration: 4 Days [Remote / Onsite]

Difficulty Level: 300 - Advanced

Description

This offering provides you with the knowledge to successfully extend on-premises AD DS to cloud so that your users can sign on seamlessly across all in-house applications and applications hosted in the cloud and Office 365.

This workshop is essential for you if you have device management for authentication and authorization requirements for your business or have end-to-end Identity Management Lifecycle requirements.

Objectives

- Study the challenges an organization can have managing Apps, Devices, Users and Data.
- Discuss how a Hybrid Identity enables users to access their data anywhere with SSO and self-service experiences while protecting data by enforcing strong authentication, conditional access control, SSO and ensuring compliance with governance, attestation and reporting.
- Examine how to use Microsoft Entra Connect to connect to Entra ID/Office 365 and extend the on-premises ADDS and other local directories to Microsoft Entra.

Outcomes

- Complete end to-end Cloud Identity Technologies: Authentication, Single Sign On (SSO), Active Directory Federation Services (AD FS), and Active Directory Synchronization
- Improve security by leveraging Microsoft Entra security features

Methodology

Learn by example

Participate in group discussions and learn by presentations and demonstrations.

Hands-on

- Prepare and use an environment for a hands-on experience.
- Access resources and labs for up to six months after the workshop.

Scope

This offering is scoped for deploying Microsoft Office 365 Infrastructure, extending on-premises Active Directory Domain Services (AD DS) to Microsoft Entra, managing Identities across on-premises and cloud.

Agenda

Day 1

- Cloud Identity Framework

Day 2

- Identity synchronization
- Authentication options

Day 3

- Entra ID Management

Day 4

- Entra ID Security
- Devices

Delivery Outline

Requirements

Participants <ul style="list-style-type: none"> Relevant roles for Microsoft Office 365 Infrastructure, Active Directory Domain Services (AD DS), Microsoft Hybrid, and Cloud Identity Skill Requirement <ul style="list-style-type: none"> Basic knowledge on Active Directory Domain Services. Time Commitment <ul style="list-style-type: none"> Four full-day engagement. It is recommended to attend the entire engagement. 	Delivery Requirement <ul style="list-style-type: none"> Computer with Windows 10 or later, audio equipment, internet access and at least 1 Mbps bandwidth per participant Microsoft/Windows Live ID to connect to the virtual environment Microsoft Teams for remote deliveries A modern browser capable of rendering web sites using current web standards
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Education

Day 1	Cloud Identity Framework	<ul style="list-style-type: none"> IT challenges and Microsoft Approach Entra ID and the major components; Identity management using the portal and PowerShell
Day 2	Identity synchronization	<ul style="list-style-type: none"> Entra ID synchronization concepts, Connect configuration options, and Connect advanced configuration
Day 2	Authentication options	<ul style="list-style-type: none"> Password synchronization Active Directory Federation Services, Pass-through authentication, seamless single sign-on, Modern Authentication, and Alternate Login ID
Day 3	Entra ID Management	<ul style="list-style-type: none"> Application and group management, Entra application proxy, password management
Day 4	Entra Security	<ul style="list-style-type: none"> Protecting identities through features like Smart Account Lockouts, MFA, Entra ID protection, and protecting applications using features like Conditional Access and disabling legacy authentication Security auditing and activity reports; Entra Connect Health
Day 4	Devices	<ul style="list-style-type: none"> Devices Concepts and Scenarios Configure the use of devices and joining; Troubleshoot device registration

For more information: Please contact your Microsoft Representative for more details.