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 Active Directory Domain Services (AD DS) into cloud so that your users can sign on seamlessly across all in-house applications and applications hosted on 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

- Learn about the challenges your organization can face managing Apps, Devices, Users and Data.
- Learn how Microsoft Azure Hybrid Identity lets you access your data anywhere with Single Sign On (SSO) and self-service options while keeping data safe by using strong authentication, conditional access, SSO, and satisfy compliance with governance, attestation and reporting.
- Discover how to use Microsoft Entra Connect to connect to Entra ID/Office 365 and extend your 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 from 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

In Scope

- Evaluating and extending hybrid identity solutions with Microsoft Entra and AD DS.
- Configuring and testing authentication options, managing applications and groups, and using Entra application proxy.
- Securing and monitoring identities and applications using features like MFA, Entra ID protection, and Entra Connect Health.

Out of Scope

- Design review and/or remediation, migration from third-party solutions, and troubleshooting existing issues.
- Application Control and AppLocker configuration.
- Endpoint policies and management platforms configuration.

Agenda

Day 1
Cloud Identity Framework

Day 2
- Identity synchronization
- Authentication options

Day 3
Entra ID Management

Day 4
- Entra ID Security
- Devices

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Delivery Outline

Requirements	
Participants • Office 365 Administrators. • Active Directory Domain Services (AD DS) Administrators. • Microsoft Hybrid and Cloud Identity specialists. • Other members of the IT organization who are responsible for managing and securing identities and applications across on-premises and cloud environments. **Skill Requirements** • Basic knowledge of Active Directory Domain Services.	**Time Commitment** • Four full-day engagements with relevant roles. **Delivery Requirements** • Microsoft/Windows Live ID to connect to the virtual environment. • Microsoft Teams for remote deliveries. • Hardware running: • Supported version of Windows. • Supported version of Office. • Modern browser, such as Microsoft Edge (or equivalent). • Internet access.

Education		
Day 1	Cloud Identity Framework	• IT challenges and Microsoft Approach. • Entra ID and the major components; Identity management using the portal and PowerShell.
Day 2	Identity synchronization	• Entra ID synchronization concepts, Connect configuration options, and Connect advanced configuration.
	Authentication options	• Password synchronization. • Active Directory Federation Services, Pass-through authentication, seamless single sign-on, Modern Authentication, and Alternate Login ID.
Day 3	Entra ID Management	• Application and group management, Entra application proxy, password management.
Day 4	Entra Security	• 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.
	Devices	• Devices Concepts and Scenarios. • Configure the use of devices and joining; Troubleshoot device registration.

If you are interested in this engagement for your organization, contact your Microsoft Account Representative.

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