



MICROSOFT TRAINING

Azure AD Security Training Course

Secure your Microsoft Azure AD environment. Learn to implement and manage identity protection, conditional access, and privileged identity management.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

-
- Globally Recognized Certification
 - Expert-Led Hands-On Training
 - Flexible Scheduling

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COURSE OVERVIEW

The 'Azure AD Security Training Course' is an intensive, intermediate-level program designed to equip IT professionals with the essential knowledge and practical skills needed to secure Microsoft Azure Active Directory environments. In today's cloud-first world, Azure AD stands as the cornerstone of identity and access management for countless organizations, making its robust security paramount. This course delves into the critical aspects of protecting user identities, managing access to cloud resources, and ensuring compliance within Azure AD.

Participants will gain hands-on experience with core Azure AD security technologies, including Azure AD Identity Protection, Conditional Access policies, Multi-Factor Authentication (MFA), and Privileged Identity Management (PIM). You will learn how to identify and mitigate common threats, implement advanced security configurations, and effectively monitor your Azure AD environment for suspicious activities. The curriculum is meticulously crafted to bridge theoretical understanding with practical application, enabling you to immediately apply learned concepts to strengthen your organization's security posture.

By completing this training, you will be proficient in safeguarding critical business data and identities, minimizing security risks, and meeting regulatory compliance standards. This expertise is invaluable for enhancing operational security, preventing unauthorized access, and bolstering your professional profile in the highly demanded field of cloud security and identity management.

Duration	2 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Azure AD Security Fundamentals

- Understanding Azure AD architecture and security boundaries
- Key security features of Azure AD
- Managing administrative roles and permissions securely
- Overview of common Azure AD attack vectors

02 Module 2: Identity Protection and Authentication

- Implementing Azure AD Identity Protection (risk detection and remediation)
- Configuring Multi-Factor Authentication (MFA) best practices
- Exploring passwordless authentication methods (FIDO2, Windows Hello for Business)
- Securing user sign-in experiences

03 Module 3: Conditional Access and Access Management

- Designing and deploying Conditional Access policies
- Implementing access controls for cloud applications and resources
- Utilizing Privileged Identity Management (PIM) for just-in-time access
- Governing guest user access with Azure AD B2B

04 Module 4: Monitoring, Reporting, and Threat Response

- Analyzing Azure AD audit logs and sign-in logs
- Configuring security alerts and notifications

- Integrating Azure AD with Azure Sentinel for advanced threat detection
- Basic incident response strategies for Azure AD security events

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Cloud Security Engineer (Microsoft Azure Specialist)**
- > **Identity and Access Management (IAM) Administrator/Analyst**
- > **Azure Administrator with Security Specialization**

FREQUENTLY ASKED QUESTIONS

Q: What specific practical skills will I acquire to immediately enhance my organization's Azure AD security posture?

Upon completion of this course, you will be able to implement robust Conditional Access policies, configure Azure AD Identity Protection to detect and remediate risky sign-ins and users, deploy advanced Multi-Factor Authentication strategies, and manage privileged access using Azure AD PIM. These skills directly translate into a more secure Azure AD environment, mitigating common and sophisticated identity-based threats.

Q: Is any prior experience with Azure Active Directory or cloud security necessary to successfully complete this intermediate-level course?

While this is an intermediate-level course, a foundational understanding of basic Azure AD concepts, such as users, groups, and basic cloud computing principles, will be highly beneficial. The course is designed to build upon existing knowledge, quickly advancing participants to practical application of Azure AD security features. No deep prior expertise in security is required, but familiarity with the Azure portal is recommended.

Q: How does this course contribute to preparing me for specific Microsoft certifications, particularly in identity and access management?

This course provides a strong practical foundation and covers significant objectives related to identity and access management within Azure AD, which are crucial for certifications like the Microsoft Certified: Identity and Access Administrator Associate (SC-300). The focused content on Identity Protection, Conditional Access, MFA, and PIM directly aligns with key areas assessed in such professional certifications, serving as an excellent preparatory or supplementary resource.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors

have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

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Take the next step in your technology career.

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