MAWA EVENTS

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IT SYSTEMS: IDENTITY AND ACCESS MANAGEMENT

"Securing Access, Protecting Identities, and Enabling Trusted Digital Environments."

Schedule

Venue (InHouse)	Fees
At Your Organization Premises	Ask For The Quotation

Introduction

In the modern digital landscape, organizations face growing challenges in managing user identities, controlling access, and safeguarding critical information systems. As cyber threats become more sophisticated, Identity and Access Management (IAM) has emerged as a foundational element of enterprise security. Effective IAM ensures that the right individuals have the right access to the right resources — securely and efficiently.

The IT Systems: Identity and Access Management course provides a comprehensive understanding of IAM concepts, frameworks, and technologies. Participants learn how to design, implement, and manage IAM systems that protect data integrity, enforce compliance, and support digital transformation. The course also emphasizes governance, automation, and emerging trends such as Zero Trust and identity federation.

Objectives

By the end of this course, participants will be able to:

- Understand the core principles and components of Identity and Access Management.
- Design and implement IAM frameworks aligned with organizational needs.
- Manage authentication, authorization, and access control mechanisms.
- Implement role-based and attribute-based access management models.
- Integrate IAM solutions with cloud services and hybrid infrastructures.
- Apply Zero Trust security concepts to identity governance.
- Ensure compliance with global standards such as GDPR, ISO 27001, and NIST.
- Detect and mitigate identity-related security risks and insider threats.

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Why Attend

With increasing digital complexity, managing access securely is essential for protecting sensitive systems and data. This course equips professionals with the practical skills and knowledge to manage identity lifecycles, enforce security policies, and ensure compliance. Whether you are in IT security, system administration, or governance, this training prepares you to play a key role in building secure and trusted IT environments.

Target Audience

This course is suitable for:

- IT Security and Network Administrators
- Identity and Access Management Specialists
- Cybersecurity Analysts and Engineers
- IT Managers and Compliance Officers
- System and Cloud Architects
- Risk and Governance Professionals
- Anyone involved in managing access to digital systems

Individual Benefits

- Gain hands-on expertise in managing user identities and access control.
- Learn to implement modern IAM tools and technologies.
- Strengthen your ability to detect and respond to access-related threats.
- Build a strong foundation for certifications such as CISSP, CISM, or CompTIA Security+.
- Enhance your technical and compliance-related competencies.
- Increase your value in roles related to cybersecurity and IT governance.

Organizational Benefits

- Improve overall security posture through robust IAM practices.
- Reduce risks associated with unauthorized access and data breaches.
- Strengthen compliance with regulatory and industry standards.
- Simplify identity lifecycle management and streamline access provisioning.
- Enable secure collaboration across systems and cloud platforms.
- Support digital transformation with secure, scalable IAM frameworks.

Instructional Methodology

- Instructor-led interactive sessions and demonstrations.
- Practical labs on identity and access management systems.
- Real-world case studies on IAM implementations and breaches.
- Step-by-step guidance for configuring IAM controls.
- Group discussions on best practices and Zero Trust strategies.
- Continuous assessments and feedback-based learning.

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Course Outline

Module 1: Introduction to Identity and Access Management

Module 2: IAM Frameworks, Standards, and Lifecycle Processes

Module 3: Authentication, Authorization, and Access Control Models

Module 4: Role-Based and Attribute-Based Access Management

Module 5: Directory Services, Federation, and Single Sign-On (SSO)

Module 6: Privileged Access Management (PAM)

Module 7: Cloud IAM – Managing Identities in Hybrid Environments

Module 8: Zero Trust Architecture and Identity Governance

Module 9: Compliance, Audit, and Risk Management in IAM

Module 10: Emerging Trends and IAM Implementation Best Practices

Certification

Upon successful completion, participants will receive a Certificate in IT Systems: Identity and Access Management, recognizing their ability to design, manage, and secure identity systems while ensuring compliance and supporting organizational security goals.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

In-House / Customized Training Interested in running this course for your team? Please contact us:	TEL: **+601116373203**	EMAIL: **info@mawaevents.net**

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