Identity and Access Management for ERP Training Course

Professional Development Training Course Outline

Category	Enterprise Resource Planning (ERP)	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

In the rapidly evolving digital landscape, securing enterprise resources has become a critical business imperative. Identity & Access Management (IAM) for ERP systems ensures that organizations maintain stringent control over user identities, permissions, and access workflows. Identity and Access Management for ERP Training Course is designed to equip IT professionals, security administrators, and ERP consultants with advanced skills to implement robust IAM solutions, mitigating security risks and ensuring compliance with global standards. Leveraging cutting-edge tools and best practices, participants will learn to enforce access policies, streamline authentication processes, and protect sensitive enterprise data.

This training emphasizes practical, hands-on learning, blending theory with real-world case studies from ERP deployments across diverse industries. Participants will explore IAM frameworks, role-based access control, single sign-on integration, and regulatory compliance strategies. By mastering IAM for ERP, learners will enhance organizational security posture, reduce operational risks, and drive strategic IT initiatives, ensuring a resilient and future-ready enterprise infrastructure.

Programme Curriculum

Identity and Access Management for ERP Training Course

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Course Duration

5 days

Course Objectives

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

1. Implement robust IAM frameworks for ERP systems.
2. Configure role-based access control (RBAC) and dynamic permissions.
3. Integrate single sign-on (SSO) and multi-factor authentication (MFA) solutions.
4. Conduct user lifecycle management efficiently within ERP platforms.
5. Enforce compliance with GDPR, HIPAA, and SOX in ERP access controls.
6. Monitor and audit access logs and security events effectively.
7. Implement privileged access management (PAM) strategies.
8. Mitigate insider threats and account compromise risks.
9. Design scalable identity governance and administration (IGA) processes.
10. Apply zero trust security principles in ERP environments.
11. Automate provisioning and de-provisioning workflows.
12. Analyze and optimize security and access policies.
13. Utilize IAM analytics and reporting tools for informed decision-making.

Target Audience

- ERP Administrators & Consultants
- IT Security Professionals
- Compliance Officers
- System Integrators
- Business Process Managers
- Cloud & Network Security Engineers
- Identity Governance Specialists
- Enterprise Architects

Course Modules

Module 1: Introduction to IAM for ERP

- Fundamentals of Identity & Access Management
- ERP security landscape and threats
- IAM architecture & framework overview
- Key industry standards and compliance requirements
- Case Study: IAM breach in a multinational ERP implementation

Module 2: Role-Based Access Control (RBAC)

- Creating and managing user roles
- Hierarchical role structures in ERP
- Dynamic role assignments and segregation of duties
- Access review and certification processes
- Case Study: RBAC optimization in SAP S/4HANA

Module 3: Single Sign-On (SSO) & Multi-Factor Authentication (MFA)

- SSO protocols
- MFA deployment strategies for ERP
- Integrating cloud and on-premise ERP systems
- Troubleshooting authentication issues
- Case Study: MFA implementation in Oracle ERP Cloud

Module 4: User Lifecycle & Provisioning Management

- Onboarding, offboarding, and role changes
- Automated provisioning and de-provisioning
- Workflow approvals and audit trails
- User access synchronization across systems
- Case Study: Automated provisioning in Microsoft Dynamics 365

Module 5: Privileged Access Management (PAM)

- Securing superuser accounts
- Just-in-time privileged access
- Session monitoring and logging
- PAM tools for ERP systems
- Case Study: Mitigating privileged account risks in SAP

Module 6: Compliance & Regulatory Requirements

- GDPR, HIPAA, SOX, and other regulations
- Audit and reporting strategies
- Policy enforcement in ERP systems
- Risk assessment and remediation
- Case Study: GDPR compliance audit in a multinational ERP setup

Module 7: Identity Governance & Administration (IGA)

- Access reviews and certification campaigns
- Policy-driven access control
- Delegated administration
- Risk-based access decisions
- Case Study: Implementing IGA in Oracle ERP

Module 8: IAM Analytics & Zero Trust Security

- IAM metrics and KPIs
- Zero trust principles for ERP

- Threat detection and anomaly monitoring
- Integrating AI-driven analytics for IAM
- Case Study: Zero trust deployment in cloud ERP environment

Training Methodology

This course employs a participatory and hands-on approach to ensure practical learning, including:

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call +254769199797

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

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