BLACKBIRD
FOR TRAINING

IT Systems: Identity and Access Management Fundamentals

IT & IT Engineering
Toronto (Canada)
11 - 15 Aug 2025

UK Traininig
PARTNER

IT Systems: Identity and Access Management Fundamentals

Ref: 321561_141042 **Date:** 11 - 15 Aug 2025 **Location:** Toronto (Canada) **Fees:** 4700 **Euro**

Course Description

This intensive 5-day course provides IT professionals with a comprehensive understanding of Identity and Access Management IAM principles, technologies, and best practices. Participants will learn to design, implement, and manage robust IAM solutions to enhance security, streamline operations, and ensure compliance in modern IT environments.

Learning Objectives

- Understand core IAM concepts, frameworks, and industry standards
- Design and implement effective IAM strategies and architectures
- Master key IAM technologies, protocols, and tools
- Develop skills to manage user identities, access rights, and authentication methods
- Learn to integrate IAM solutions with cloud and on-premises systems
- Gain practical experience through hands-on exercises and real-world scenarios

Course Modules

Day 1: IAM Fundamentals and Strategy

- Introduction to Identity and Access Management
- IAM frameworks and standards
- Developing an IAM strategy
- IAM governance and policies

Day 2: Identity Management and Authentication

- User lifecycle management
- Authentication methods and protocols
- Multi-factor authentication MFA
- Single Sign-On SSO implementation

Day 3: Access Management and Authorization

- Role-based access control RBAC
- Attribute-based access control ABAC
- Privileged access management PAM
- Access certification and reviews

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Day 4: IAM Technologies and Integration

- Directory services and federation
- Cloud IAM solutions
- API security and OAuth
- Integrating IAM with enterprise applications

Day 5: IAM Operations and Best Practices

- IAM monitoring and auditing
- Incident response and troubleshooting
- IAM metrics and reporting
- Future trends in IAM

Practical Wins for Participants

- Ability to design and implement a comprehensive IAM strategy
- Hands-on experience with leading IAM tools and technologies
- Skills to enhance security and streamline user access management
- Knowledge to ensure compliance with industry regulations and standards

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