Training Course:
IT Infrastructure Management: Planning,
Development, and Maintenance

1 - 5 December 2025
London (UK)

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Training Course code: IT236075 From: 1 - 5 December 2025 Venue: London (UK) - Training Course Fees: 6000 Euro

Introduction

In the era of digital transformation, IT infrastructure management has become the cornerstone for supporting daily operations within organizations. A robust infrastructure enhances the organization's ability to innovate and adapt to rapid technological changes. This training course aims to equip participants with the knowledge and skills needed to manage and develop a strong and efficient IT infrastructure that ensures business continuity, high performance, and security.

Objectives

- Understand the fundamentals and components of IT infrastructure.

- Acquire skills in planning and developing IT infrastructure strategies.

- Learn best practices in managing and maintaining networks, applications, and infrastructure technologies.

- Enhance troubleshooting skills to ensure operational continuity.

- Improve digital infrastructure security and data protection levels.

Target Audience

IT Managers, Network Administrators, Infrastructure Engineers, IT Project Managers, and anyone involved in managing IT infrastructure within organizations.

Training Program Outline

Day 1: Introduction to IT Infrastructure

- Overview of IT infrastructure components: servers, networks, storage.

- Importance of strategic infrastructure planning: aligning IT strategies with organizational goals.

- Technology selection and needs assessment: choosing the right solutions for optimal performance.

Day 2: Network and Application Management

- Network management: strategies for designing and maintaining secure, reliable networks.

- Application infrastructure: managing and deploying applications in various work environments.

- Storage and backup technologies: developing secure data strategies and ensuring recovery in emergencies.

Day 3: Cybersecurity and Data Protection

- The importance of security in IT infrastructure: data protection and information integrity.

- Risk management: identifying threats, assessing risks, and developing response plans.

- Protection systems and threat mitigation: firewalls, intrusion detection systems, and data encryption.

Day 4: Troubleshooting and Recovery

- Troubleshooting techniques: identifying and resolving issues efficiently.

- Fault management and disaster recovery: designing and implementing continuity plans.

- System performance analysis: using tools to identify weaknesses and enhance performance.

Day 5: Future Infrastructure Development and Digital Transformation

- Emerging technologies and updates: integrating the latest tech into existing infrastructure.

- Digital transformation: enhancing infrastructure flexibility and efficiency.

- Technical reporting: preparing clear, comprehensive reports on infrastructure performance and security to support decision-making.

Registration form on the Training Course:
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Payment Method

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