



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

*13 - 17 October 2025
Barcelona (Spain)
Grupotel Gran Via 678*

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

Training Course code: IT236075 From: 13 - 17 October 2025 Venue: Barcelona (Spain) - Grupotel Gran Via 678 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: IT Infrastructure Management: Planning, Development, and Maintenance

Training Course code: IT236075 **From:** 13 - 17 October 2025 **Venue:** Barcelona (Spain) - Grupotel Gran Via 678
Training Course Fees: 6000 € Euro

Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

Delegate Information

Full Name (Mr / Ms / Dr / Eng):
Position:
Telephone / Mobile:
Personal E-Mail:
Official E-Mail:

Company Information

Company Name:
Address:
City / Country:

Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng):
Position:
Telephone / Mobile:
Personal E-Mail:
Official E-Mail:

Payment Method

- ☐ Please find enclosed a cheque made payable to Global Horizon
- ☐ Please invoice me
- ☐ Please invoice my company

Easy Ways To Register

Telephone:
+201095004484 to
provisionally reserve your
place.

Fax your completed
registration
form to: +20233379764

E-mail to us :
info@gh4t.com
or training@gh4t.com

Complete & return the
booking form with cheque
to: Global Horizon
3 Oudai street, Aldouki,
Giza, Giza Governorate,
Egypt.