

# € TRAINING

Networking for Business Success



26 - 30 January 2025  
Cairo (Egypt)



# Networking for Business Success

REF: B1161 DATE: 26 - 30 January 2025 Venue: Cairo (Egypt) - Fee: 4095 Euro

## Introduction:

This training program provides participants with essential knowledge and skills in designing, implementing, and managing business networks. It empowers them to enhance connectivity, improve performance, and ensure reliable communication within an organization.

## Program Objectives:

At the end of this program, participants will be able to:

- Gain a comprehensive understanding of business network fundamentals.
- Design and implement reliable and efficient networks.
- Optimize network performance and maintain security.
- Apply best practices for network management.
- Enhance communication and collaboration among teams.

## Targeted Audience:

- IT Managers.
- Network Engineers.
- Business Operations Managers.
- IT Support Staff.
- IT Consultants.

## Program Outline:

### Unit 1:

#### Introduction to Business Networking:

- Overview of business networking.
- Strategic importance of networks in business.
- Components of network infrastructure.

- Different network models LAN, WAN, MAN.
- Basic network connectivity principles.

## Unit 2:

### Network Design and Implementation:

- Principles of network design.
- Planning and designing network architecture.
- Network hardware and software selection.
- Implementing network topologies.
- Case studies on successful network implementations.

## Unit 3:

### Network Performance Optimization:

- Techniques for optimizing network performance.
- Monitoring and analyzing network traffic.
- Bandwidth management strategies.
- Implementing Quality of Service QoS.
- Tools for performance monitoring and optimization.

## Unit 4:

### Network Security:

- Fundamentals of network security.
- Identifying and mitigating network threats.
- Implementing firewalls and intrusion detection systems.
- Network access control methods.
- Best practices for maintaining network security.

## Unit 5:



## Network Management:

- Network management frameworks and tools.
- Routine network maintenance tasks.
- Troubleshooting network issues.
- Documentation and reporting.
- Continuous improvement in network management.