Training Course:
Mastering Microsoft Exchange Server:
Administration, Security, and Optimization

15 - 26 December 2025
London (UK)

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Mastering Microsoft Exchange Server: Administration, Security, and Optimization

Training Course code: IT236073 From: 15 - 26 December 2025 Venue: London (UK) - Training Course Fees: 10800 Euro

Introduction

Microsoft Exchange Server is a powerful enterprise messaging solution that provides email, calendaring, contact, and task management functionalities. With increasing demand for secure and scalable communication systems, Exchange Server remains a critical part of IT infrastructure in many organizations. This 10-day training program, developed by Global Horizon Training Center, equips IT professionals with the skills to manage, secure, and optimize Exchange environments, from installation to disaster recovery.

Objectives

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

- Understand the architecture and components of Exchange Server.

- Install and configure Exchange Server roles and services.

- Manage users, mailboxes, and database availability groups DAGs.

- Configure email flow, connectors, and anti-spam policies.

- Implement advanced security and compliance features.

- Manage mobile device access and client connectivity.

- Monitor performance and ensure high availability.

- Conduct troubleshooting and disaster recovery planning.

Target Audience

- System administrators

- IT infrastructure specialists

- Messaging support teams

- Network engineers

- Technical consultants managing on-premise or hybrid email environments

Training Program Outline

Day 1: Introduction & Architecture

- Overview of Exchange Server
- Exchange Server roles and services
- Deployment scenarios on-premises, hybrid, Office 365 integration
- Licensing and version comparison
- Planning Exchange installations

Day 2: Installation & Setup

- System requirements and prerequisites
- Installing Exchange Server step-by-step
- Post-installation configurations
- Exchange Admin Center EAC and Exchange Management Shell EMS

Day 3: Managing Mailboxes and Recipients

- Creating and managing mailbox users
- Shared mailboxes, resource mailboxes, and mail-enabled contacts
- Address lists and policies
- Role-Based Access Control RBAC

Day 4: Email Flow & Transport Services

- Overview of mail flow architecture

- Configuring send and receive connectors

- Transport rules and message tracking

- Anti-spam and anti-malware protection

Day 5: Client Access and Mobile Devices

- Configuring Outlook, Outlook on the Web OWA

- Autodiscover service and certificates

- Exchange ActiveSync and mobile device policies

- Virtual Directories and External Access

Day 6: Database Management & High Availability

- Mailbox databases and storage management

- Backup and recovery concepts

- Database Availability Groups DAGs

- Managing database copies and failover

Day 7: Security and Compliance

- Implementing authentication mechanisms

- Managing SSL/TLS certificates

- Data Loss Prevention DLP

- Retention policies and eDiscovery

Day 8: Performance Monitoring and Optimization

- Exchange performance counters

- Log analysis and troubleshooting tools

- Performance tuning tips

- Monitoring with Exchange tools and SCOM

Day 9: Hybrid Deployment and Migration

- Preparing for hybrid configurations

- Configuring hybrid mail flow

- Integration with Microsoft 365

- Mailbox migration strategies and tools

Day 10: Troubleshooting and Disaster Recovery

- Common Exchange issues and resolutions

- EMS scripting for automation

- Disaster recovery planning

- Final review and Q&A session

Registration form on the Training Course:
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