



MICROSOFT TRAINING

Administering Microsoft Exchange Server 2016 Course

Learn to deploy, manage, and troubleshoot Microsoft Exchange Server 2016. Master email infrastructure for your organization.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This "Administering Microsoft Exchange Server 2016 Course" from Computer Pride is meticulously designed for IT professionals seeking to master the deployment, configuration, and management of Microsoft Exchange Server 2016 within an enterprise environment. Participants will gain deep insights into critical components such as mailbox databases, client access services, transport services, and security features. The course emphasizes practical, hands-on skills necessary to maintain a robust and efficient messaging infrastructure, ensuring secure and seamless communication for organizations of all sizes.

Upon completion, you will be equipped to tackle complex challenges related to Exchange Server administration, including implementing high availability solutions, ensuring disaster recovery, and managing compliance requirements. This expertise is crucial for optimizing organizational communication, protecting sensitive data, and ensuring business continuity. By mastering Exchange Server 2016, you significantly enhance your value as an IT professional, opening doors to advanced roles in systems and messaging administration.

Duration	2 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Deploying and Managing Microsoft Exchange Server 2016

- Overview of Exchange Server 2016 architecture and roles
- Planning and deploying Exchange Server 2016 in various topologies
- Performing post-installation configuration tasks
- Managing Exchange Server roles and features using PowerShell and EAC

02 Module 2: Managing Recipients and Public Folders

- Creating and managing user mailboxes and mail-enabled objects
- Configuring and managing resource mailboxes and shared mailboxes
- Administering public folders in Exchange 2016
- Managing address lists, address book policies, and offline address books

03 Module 3: Client Connectivity, Transport, and Mailflow

- Configuring client access services for Outlook, Outlook on the Web (OWA), and mobile devices
- Managing transport services and mail routing within the organization
- Implementing and managing send and receive connectors
- Troubleshooting common mailflow and client connectivity issues

04 Module 4: Implementing High Availability and Disaster Recovery

- Understanding and configuring Database Availability Groups (DAGs)
- Deploying and managing DAGs for mailbox database resilience
- Configuring high availability for client access and transport services
- Planning and executing backup and recovery strategies for Exchange Server

05 Module 5: Exchange Server Security and Compliance

- Implementing role-based access control (RBAC) and administrative permissions
- Configuring built-in anti-malware and anti-spam protection

- Managing message hygiene and security policies
- Implementing Data Loss Prevention (DLP), archival, and eDiscovery features

06 Module 6: Monitoring and Troubleshooting Exchange Server 2016

- Monitoring Exchange Server health, performance, and operational metrics
- Utilizing built-in tools and performance counters for diagnostics
- Analyzing event logs and performance data to identify issues
- Performing routine maintenance, updates, and patches for Exchange Server

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Microsoft Exchange Administrator**
- > **Messaging Systems Engineer**
- > **IT Infrastructure Specialist (with a focus on collaboration platforms)**

FREQUENTLY ASKED QUESTIONS

Q: What specific administrative tasks will I be proficient in after completing this Exchange Server 2016 course?

Upon completing this course, you will be proficient in a wide range of administrative tasks including deploying and configuring Exchange Server 2016 roles, managing mailbox databases, creating and maintaining user mailboxes and distribution groups, configuring client access for various devices, setting up robust mailflow rules, and implementing high availability solutions like Database Availability Groups (DAGs). You will also gain practical skills in troubleshooting common Exchange issues and ensuring mail system security.

Q: What are the recommended prerequisites or prior knowledge needed to get the most out of this intermediate-level course?

While this is an intermediate-level course, a foundational understanding of networking concepts, Active Directory Domain Services, and general Windows Server administration is highly recommended. Familiarity with basic PowerShell commands and a general understanding of messaging concepts will also be beneficial, though not strictly required, as the course will focus specifically on Exchange Server 2016 administration.

Q: Given the industry's shift towards cloud solutions, how relevant is mastering Exchange Server 2016 in today's IT landscape?

Mastering Exchange Server 2016 remains highly relevant for IT professionals. Many organizations still rely on on-premises or hybrid Exchange deployments due to specific compliance requirements, existing infrastructure, or large user bases. This course equips you with the fundamental knowledge of managing complex messaging environments, which is directly transferable to understanding and managing hybrid Exchange deployments, and provides a strong foundation for transitioning to cloud-based solutions like Exchange Online within Microsoft 365, making you a versatile and valuable asset.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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