

(20341B) – Core Solutions of Microsoft Exchange Server 2013

OBJECTIVE

This course will provide you with the knowledge and skills to plan, deploy, manage, secure, and support Microsoft Exchange Server 2013. This course will teach you how to configure Exchange Server 2013 and supply you with the information you will need to monitor, maintain, and troubleshoot Exchange Server 2013. This course will also provide guidelines, best practices, and considerations that will help you optimize performance and minimize errors and security threats in Exchange Server 2013.

COURSE TOPICS

Module 1: Deploying and Managing Microsoft Exchange Server 2013

- Exchange Server 2013 Prerequisites and Requirements
- Exchange Server 2013 Deployment
- Managing Exchange Server 2013

Module 2: Planning and Configuring Mailbox Servers

- Overview of the Mailbox Server Role
- Planning the Mailbox Server Deployment
- Configuring the Mailbox Servers

Module 3: Managing Recipient Objects

- Managing Exchange Server 2013 Mailboxes
- Managing Other Exchange Recipients
- Planning and Implementing Public Folder Mailboxes
- Managing Address Lists and Policies

Module 4: Planning and Deploying Client Access Servers

- Planning Client Access Server Deployment
- Configuring the Client Access Server Role
- Managing Client Access Services

Module 5: Planning and Configuring Messaging Client Connectivity

- Client Connectivity to the Client Access Server
- Configuring Outlook Web App
- Planning and Configuring Mobile Messaging
- Configuring Secure Internet Access for Client Access Server

Module 6: Planning and Implementing High Availability

- High Availability on Exchange Server 2013
- Configuring Highly Available Mailbox Databases
- Configuring Highly Available Client Access Servers

Module 7: Planning and Implementing Disaster Recovery

- Planning for Disaster Mitigation
- Planning and Implementing Exchange Server 2013 Backup
- Planning and Implementing Exchange Server 2013 Recovery

Module 8: Planning and Configuring Message Transport

- Overview of Message Transport and Routing
- Planning and Configuring Message Transport
- Managing Transport Rules

Module 9: Planning and Configuring Message Hygiene

- Planning Messaging Security
- Implementing an Antivirus Solution for Exchange Server 2013
- Implementing an Anti-Spam Solution for Exchange Server 2013

Module 10: Planning and Configuring Administrative Security and Auditing

- Configuring Role-Based Access Control
- Configuring Audit Logging

Module 11: Monitoring and Troubleshooting Microsoft Exchange Server 2013

- Monitoring Exchange Server 2013
- Maintaining Exchange Server 2013
- Troubleshooting Exchange Server 2013

After completing this course, students will be able to:

- Deploy and manage Exchange Server 2013.
- Plan and configure the Mailbox server role.
- Manage recipient objects, address policies, and address lists in Exchange Server 2013.
- Plan and implement the Client Access server role in Exchange Server 2013.
- Securely plan and configure Microsoft Outlook Web App and mobile messaging using the Client Access server.
- Understand and manage highly available Client Access servers in Exchange Server 2013.
- Plan for disaster mitigation, implement backup and recovery for Exchange Server 2013.
- Plan and configure message transport in an Exchange Server 2013 organization.

- Plan message security options, implement an antivirus solutions, and implement an anti-spam solution.
- Configure permissions and secure Exchange Server 2013.
- Monitor, maintain, and troubleshoot an Exchange Server 2013 environment.

PREREQUISITES

Before attending this course, students must have:

- Minimum of two years of experience administering Windows Server, including Windows Server 2008 R2 or Windows Server 2012.
- Minimum of two years of experience working with Active Directory Domain Services (AD DS).
- Minimum of two years of experience working with name resolution, including DNS.
- Experience working with certificates, including PKI certificates.

TRAINING APPROACH

This course includes lectures, course notes, exercises and hands-on practice.

COURSE DURATION

24 Hours (in 3 days)

CERTIFICATION COMPLETION

A certificate of completion is provided for all trainees attending the course