



Core Solutions of Microsoft Exchange Server 2013:

COURSE OVERVIEW

In this course, students will learn to configure and manage a Microsoft Exchange Server 2013 messaging environment. This course will teach students guidelines, best practices, and considerations that will help them optimize their Exchange server deployment. Course 20341 is an instructor-led course and will provide you with the knowledge and skills to plan, install, and manage the mailbox role, client access, transport, and Exchange infrastructure.

TARGET AUDIENCE

The primary audience for this course is Information Technology (IT) professionals who are aspiring to be enterprise-level messaging administrators. Others who may take this course include IT generalists and help desk professionals who want to learn about Exchange Server 2013. Administrators coming into the course are expected to have at least 3 years of experience working in the IT field—typically in the areas of network administration, help desk, or system administration. They are not expected to have experience with previous Exchange Server versions.

The secondary audience for this course are professionals who are looking to take the exam 70-341A: Microsoft Exchange Server 2013, Core Solutions, as a standalone, or as part of the requirement for the MCSE: Microsoft Exchange Server 2013 certification will take this course as preparation material.

COURSE OBJECTIVES

- Plan and perform deployment and management of Microsoft Exchange Server 2013.
- Plan a Mailbox server deployment and configure the Mailbox server role.
- Create and manage various recipient objects in Exchange Server 2013.
- Plan and deploy Client Access servers.
- Plan and configure client connectivity to Exchange Server 2013 Client Access server.
- Plan and configure message transport.
- Plan and implement high availability.
- Plan and implement disaster recovery for Exchange Server 2013.
- Plan and configure message security options.
- Plan and configure administrative security and administrative auditing.

- Monitor and troubleshoot Exchange Server 2013.

COURSE CONTENT

Module 1: Deploying and Managing Exchange Server 2013

- 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 Mailbox Servers

Module 3: Managing Recipient Objects

- Managing Exchange Server 2013 Recipients
- Managing Exchange Recipients
- Managing Address Lists and Policies on Mailbox Server Role

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

Module 6: Planning and Configuring Message Transport

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

Module 7: Planning and Implementing High Availability

- High Availability on Exchange Server 2013

- Configuring Highly Available Mailbox Databases
- Configuring Highly Available Client Access Servers

Module 8: Planning and Implementing Disaster Recovery

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

Module 9: Planning and Configuring Message Security Options

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

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

COURSE PREREQUISITES

- 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.