

Training



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EX-101: MICROSOFT EXCHANGE 2010

DURATION: 3 DAYS

DIFFICULTY LEVEL: MODERATE

Overview:

Exchange Server 2010 is the most current production version of Exchange. It has been redesigned to enhance the information worker experience as well as making administration easier. Key new features include Exchange Organization Federation, online archive mailbox, automated rights management email protection, easier inbox navigation, enhanced voice mail capabilities and email sharing capabilities with people outside your organization for better collaboration. It also includes a single platform for high availability (DAG) and disaster recovery.

In this hands-on Microsoft Exchange Server 2010 training course, students will learn to deploy Exchange Server 2010 servers in various roles, manage message transport, and plan and implement a disaster recovery solution. Students will learn to integrate Microsoft Exchange Server 2010 into an existing Exchange 2003 or Exchange 2007 environment, and they will learn to configure the Unified Messaging server role and Unified Messaging components.

Audience:

This course is intended for experienced IT Professionals who are concerned about delivering messaging to the Enterprise. Ideal candidates for the new Microsoft Exchange Server 2010 course include those aspiring to be enterprise-level messaging administrators, IT generalists and help desk professionals, and IT professionals with at least three years of experience, typically in network administration, help desk, or system administration

At Course Completion:

After completing this course, students will be able to: Articulate the core scenarios and architectural requirements for Exchange Server 2010. Install and deploy an Exchange Server 2010 Server. Understand integration of Exchange Server 2010 with other applications. Co-existing between Exchange 2003/2007 and Exchange 2010 Servers

Agenda:

Day 1:

Topic 1:

Exchanger Server 2010 Overview

Topic 2:

Deploying first Exchange 2010 into Exchange 2003/2007 Organization
Demonstrate Microsoft Best Practice Exchange 2003/2007 migration procedure
Deploy first Exchange 2010 Client Access Server
Co-existing between Exchange 2003/2007 and Exchange 2010



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Topic 3:

Deploy Server Role configuration
Exchange 2010 planning and sizing
Storage Architect changes in Exchange 2010

Day 2:

Topic 1:

Exchange 2010 Transport routing
High Availability – Database Availability Group
Simulate mailbox failover and disaster recovery solution
How to failover to the Disaster Recovery site and failback to Production site after site recovery

Topic 2:

Compliance – Archiving and Retention
Exchange 2010 Federation
Exchange 2010 AD RMS protection
Perform data recovery using LCR technology
Exchange 2010 Message Record Management

Topic 3:

Install and configure Microsoft CA Web site template
Issue Root Certificate to Outlook Client for data encryption
Install Server certificate into Exchange 2007 Server with different role

Day 3:

Topic 1:

Introduction of Exchange 2010 Management Console and Shell
Exchange 2010 OWA, Outlook Anywhere and Discovery Service
Exchange Message Classification, Ethical Firewall
Introduce new Import and Export cmdlet (replacing Exmerge)
Exploring Outlook 2010 integration with Exchange 2010
Exchange 2010 RBAC, ECP and Remote Management

Topic 2:

Configure and manage Exchange 2007 ActiveSync
Install Microsoft Windows Mobile 6 Emulator
Perform Mobile Remote Wipe, Password Recovery and corporate policy

Topic 3:

Install and configure Exchange 2007 UM Server
Testing Auto Attendant and Voice Mail functionalities with Exchange Test phone
Working with Exchange (OVA Outlook Voice Access)

Topic 4:

Deploy Exchange 2007 Edge Server integrating with Exchange 2010 Transport Server
Import Outlook Safe user list to Edge Server
Synchronize Transport rules between Hub Transport and Edge Server
Configure SPAM filtering on EDGE