

Training



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EX-102: MICROSOFT EXCHANGE 2007

DURATION: 3 DAYS

DIFFICULTY LEVEL: MODERATE

Overview:

For most businesses today, e-mail is the mission-critical communications tool that allows their people to produce the best results. This greater reliance on e-mail has increased the number of messages sent and received, the variety of work getting done, and even the speed of business itself. Microsoft Exchange Server 2007 has been designed specifically to meet these challenges and address the needs of the different groups who have a stake in the messaging system. The new capabilities of Microsoft Exchange Server 2007 deliver the advanced protection your company demands, the anywhere access your people want, *and* the operational efficiency you, in IT, need.

In this hands-on Microsoft Exchange Server 2007 training course, students will learn to deploy Exchange Server 2007 servers in various roles and manage message transport. Students will learn to integrate Microsoft Exchange Server 2007 into an existing Exchange 2003 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 Microsoft Exchange Server 2007 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 2004. Install and deploy an Exchange Server 2007 Server. Understand integration of Exchange Server 2007 with other applications. Co-existing between Exchange 2003 and Exchange 2007 Servers

Agenda:

Day 1:

Topic 1:

Exchange Server 2007 Overview

Topic 2:

Deploying first Exchange 2007 in Exchange 2003 Organization

Demonstrate Microsoft Best Practice Exchange 2003 migration procedure



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Topic 3:

Deploying Exchange 2007 Cluster Continuous Replications Server
Introduction to File Share Witness and CCR technology
Perform Planned and Unplanned failover between nodes
Perform data recovery on CCR database

Topic 4:

Deploying SCR technology based on Exchange 2007 Enterprise edition
Simulate real world Disaster Recovery solution
How to failover to the Disaster Recovery site and failback to Production site after site recovery

Day 2:

Topic 1:

Deploying Exchange 2003 Mailbox Role Server
Configure Exchange 2007 Local Continuous Replication on Mailbox Server
Perform data recovery using LCR technology

Topic 2:

Deploying SCR technology based on Exchange 2007 standard edition
Demonstrate the complexity different between 2 version of SCR solution
Introduction of Exchange 2007 SCR technology

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

Topic 4:

Introduction of Exchange 2007 Management Console and Shell
Exchange 2007 cmdlet usage
Exchange 2007 OWA, Outlook Anywhere and Discovery Service
Exchange new MRM, Message Classification, Ethical Firewall
Introduce new Import and Export cmdlet (replacing Exmerge)

Day 3:

Topic 1:

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

Topic 2:

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 3:

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

Topic 4:

MS Best Practice to decommission legacy Exchange 2003 Server
Relocate all Exchange 2003 resources to Exchange 2007, Verification process after decommission