

Course 559: Upgrading to Exchange 2007 (3 days)

Course Description...

Exchange 2007 is NOT a simple replacement for current Exchange 2003/2000 E-mail Environments. Exchange 2007 will change the way E-mail is handed in the enterprise. Administrators need to understand Exchange 2007 operations before they can plan and execute a Migration from an existing Exchange 2003 infrastructure. In this intense 3-day Hands-on course, the essentials of Exchange Implementation, Management and Migration will be covered.

Who should attend...

This course will benefit IT Administrators, Active Directory Administrators, Exchange Administrators, Migration Teams, Senior Help Desk Staff, and IT Managers who need to know how to deploy Exchange 2007 into your environment.

Suggested Prerequisites...

- Knowledge and Experience with Windows Active Directory
- Knowledge of Active Directory
- A basic understanding of TCPIP and SMTP message flow

Course Outline...

Exchange Server 2007

- What's new Exchange 2007
- Exchange 2007 Requirements and Versions
- Pre-Installation of Exchange 2007
- Understanding Server Rolls
- Installation of Microsoft Exchange 2007
- Exchange Best-Practices
- Using the Exchange Management Console
- Introduction to the Exchange Management Shell
- Exchange 2007 on Windows 2008 Specifics

Managing Users, Groups, Contacts and Mailboxes

- Creating and managing Mailboxes
- Creating and managing Distribution Groups
- Creating and managing Mail Contacts
- Defining E-mail Addresses
- Managing Recipients
- Controlling Inbound E-mail Domains



Exchange Client Connectivity

- Managing Outlook 2007 Connectivity, including Auto discovery
- Outlook Web Access
- Exchange ActiveSync, Mobile Messaging and iPhone Connectivity

Designing an Exchange Infrastructure

- Sizing an Exchange Server
- Exchange Data Storage Requirements
- Storage Groups and Databases

Automating Exchange 2007 Management with Exchange Management Shell (EMS)

- PowerShell and the Exchange Management Shell
- Mailbox Management using the Exchange Management Shell
- Command-line Server Management using the Exchange Management Shell
- Automating Messaging Management using the Exchange Management Shell

Managing Exchange Communications

- Controlling Exchange Transport Rules
- Messaging Records Management
- Exchange Journaling and Archives
- Anti-spam and anti-virus management technologies
- Exchange Edge Transport Servers

Enhancing Exchange Server Operations

- Local Continuing Replication (LCR)
- Clustering Technologies Available for Exchange 2007
- Cluster Continuous Replication (CCR)
- Single Copy Clusters (SCC)
- Standby Continuous Replication (SCR)

Troubleshooting Exchange 2007

- The Exchange 2007 Toolbox
- Exchange Transport Rules
- Database and Server Backup
- Recovering Databases, Mailboxes and Individual Messages

Migrating from Exchange 2003 to Exchange 2007

- Preparing the Exchange 2003 and Active Directory for Migration
- Installing the First Exchange 2007 Server
- Migrating Mailboxes and other Messaging objects
- Reconfigure Incoming and Outgoing Communication
- Removing Exchange 2003 Servers

**Additional/Custom Topics are available - please contact your
ROI representative to discuss course tailoring!!!**