

Exchange Server 2003 Design



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2 Sessions –

6 Hours of Interactive Training

The Exchange Server 2003 Design course from LearnKey prepares IT professionals to analyze business messaging requirements and design an appropriate Exchange Server 2003 messaging infrastructure. Expert instructor Aaron Spurlock takes you through analysis and design of Active Directory integration, Exchange Server 2003 infrastructure, routing topology and security. At the conclusion of this course, you'll understand the principles of Exchange Server 2003 design, and be prepared to pass MCP exam 70-285.

Prerequisites: Working knowledge of networking principles and Internet protocols strongly recommended. Experience with Windows Server 2003 and a previous release of Exchange Server helpful.

About The Author

Aaron Spurlock is an MCSE+I, MCT, CNE and CNI. He has consulted and trained on networks and computing for the past 15 years with Lucent Technologies, Mastering Computers, Scientific-Atlanta and the Florida Marlins, among others. He currently owns Technovation Design in Ogden, Utah, specializing in Windows 2000 and NetWare 5 consulting as well as home and corporate automation technologies.

Session 1

Section A: Design Considerations

- Design Approach
- Project Phases

Section B: Environmental Impact

- Business Analysis
- Structures
- Security Issues
- Network Impact
- Client Requirements
- Budget

Section C: Administration Model

- Exchange Management
- Site/Security
- Admin Site(s)
- Admin Groups
- Exchange Permissions

Section D: Exchange & AD

- Integration
- Exchange Limitations
- Single Forest
- Dedicated Exchange Forest
- Multiple Forests
- Multiple Exchange Forests
- Existing AD

Section E: Server Hardware

- Requirements
- Storage Strategy
- Storage Groups
- Creating Storage Group

Section F: Server Availability

- Front-End & Back-End
- Clustering
- Backing Up & Recovering
- Recovering Data
- Recovery Tools

Section G: Routing Topology

- Determining Needs
- Understanding
- Creating Routing Group
- Connector Properties
- DNS Infrastructure

Session 2

Section A: Public Folders

- Configuration & Security
- Referrals
- Replication
- Viewing

Section B: Client Strategies

- Connecting to Exchange
- RPC over HTTP
- Other Messaging Clients

Section C: Mobile Client Access

- Outlook Web Access
- Planning OWA
- Launching OWA
- Enhanced Security
- Creating IIS Certificate
- Locking Exchange Directory
- Mobile Device Access

Section D: Exchange Security

- SMTP Security
- Spam Protection
- Filtering
- Authentication & Encryption
- General Security

Section E: Exchange Upgrades

- Exchange Modes
- Standard Upgrade
- Upgrade from Exchange 2000

Section F: Exchange Migration

- Standard Migration
- Small Business Migration
- Migration with Coexistence
- Mixed Mode
- Foreign Messaging Systems
- Installing Connectors

Section G: Multi-Forest Connectivity

- Between Forests
- Common GAL
- Message Flow
- Public Folders
- Moving Mailboxes