



Designing and Deploying Messaging Solutions with Microsoft Exchange Server

Description: This 40 hour, instructor-led, course provides you with the knowledge and skills to design and deploy messaging solutions with Microsoft Exchange Server. This course describes how to gather requirements for a messaging solution and then design the integration of Exchange Server with the current infrastructure. The course then covers how to plan and deploy the various server roles in Exchange Server. You will explore the various options for implementing messaging security, policies, and compliance. The course also examines the high availability and disaster recovery options and how to develop a troubleshooting plan. Finally, the course describes how to plan the transition from earlier versions of Exchange Server to Exchange Server and the integration of Exchange Server with other messaging systems, including with Microsoft Office 365.

Credit toward Certification: When you pass Exam 70-663: Pro: Designing and Deploying Messaging Solutions with Microsoft Exchange Server: counts as credit toward the following certification(s): Microsoft Certified IT Professional (MCITP): Enterprise Messaging Administrator.

Session 1: Introduction to Designing a Microsoft Exchange Server Deployment

- Gathering Business Requirements
- Identifying Additional Requirements
- Introduction to Service Level Management
- Analyzing the Current Messaging Environment
- Overview of Office 365

Session 2: Designing Microsoft Exchange Server Integration with the Current Infrastructure

- Designing the Network Infrastructure
- Designing the Active Directory Infrastructure
- Designing the DNS Infrastructure
- Planning Exchange Server Administration

Session 3: Planning and Deploying Mailbox Services

- Overview of Mailbox Services in Exchange Server
- Designing Mailbox Servers
- Designing Recipient Management
- Designing Public Folder Architecture

Session 4: Planning and Deploying Client Access Services in Microsoft Exchange Server

- Overview of the Client Access Server Role
- Designing Client Access Server Deployment
- Designing Client Access
- Designing Client Access Policies

Session 5: Planning and Deploying Message Transport in Microsoft Exchange Server

- Designing Message Routing for Exchange Server
- Designing Hub Transport Servers
- Designing the Message Routing Perimeter

Session 6: Planning and Deploying Messaging Security

- Designing Message Security
- Designing Antivirus and Anti-Spam Solutions
- Planning and Deploying Messaging Security

Session 7: Planning and Deploying Messaging Compliance

- Designing Transport Compliance
- Designing AD RMS Integration
- Designing Message Journaling and Archiving
- Designing Messaging Records Management



Session 8: Planning and Deploying High Availability

- Introduction to High Availability
Planning in Exchange Server
- Designing High Availability for Mailbox Databases
- Designing High Availability for Other Server Roles
- Designing Site Resilience

Session 9: Planning a Disaster Recovery Solution

- Planning for Disaster Mitigation
- Planning Exchange Server Backup
- Planning Exchange Server Recovery

Session10: Planning Microsoft Exchange Server Monitoring and Troubleshooting

- Planning Exchange Server Monitoring
- Planning Exchange Server Troubleshooting

Session11: Integrating Exchange Server with Other Messaging Systems

- Designing Exchange Server with Other Messaging Systems
- Designing Exchange Server with Federated Partners
- Designing Exchange Integration with Office 365
- Designing Single Sign-On for Office 365



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