

# Microsoft Exchange Server 2016

This Exchange training course prepares learners to setup mailbox databases on Exchange Server 2016. Learn how to deploy, manage, and troubleshoot mailbox databases on Exchange Server 2016.

[CBT Nuggets course material](#) →

## WEEK 1

### Plan, Deploy, and Manage Mailbox Databases

152 min.

Introduction to Storage Planning for Microsoft Exchange 2016	1
Planning for Database Size	7
Public Folder Capacity	7
Exchange Storage Architecture	7
Planning for AutoReseed	4
Planning for Virtualization	5
Running JetStress	5
Creating and Configuring Mailbox Databases	7
Managing Transaction Logs	3

### Plan, Deploy, and Manage High Availability Solutions for Mailbox Databases

Overview	1
Introduction to High Availability Solutions	1
Identifying Failure Domains	7
Planning for Updates and Maintenance	4
Creating Database Availability Groups	6
Replicating Databases in a DAG	5
DAG Networks	4
Configuring the File Share Witness	4
Deploying a DAG on Azure	5

### Microsoft Exchange Server 2016: Mailbox Databases: Overview and Azure Lab

Overview	1
Supplemental File	1
Introducing Exchange 2016	4

The Mailbox Database Section	1
Azure Lab: Your Own Lab in the Cloud	1
Azure Lab: Deploy the Virtual Network	1
Azure Lab: Deploy the AD Domain Controller	1
Azure Lab: Create the Exchange VM	1
Azure Lab: Install Exchange 2016	1
Azure Lab: Test Exchange 2016	1
Azure Lab: Stopping and Starting Your VMs	1

**Microsoft Exchange Server 2016: Mailbox Databases: Plan, Deploy, and Manage Mailbox Databases**

Planning for Mailbox Database Size	1
Role Requirements Calculator	1
Mailbox Database Capacity and Placement	5
Archive Mailbox Capacity and Placement	3
Public Folders in Exchange 2016	6
Public Folder Capacity and Placement	5
Planning the Storage Architecture	1
Planning File System Requirements	1
Planning for AutoReseed	1
Planning for Virtualization Requirements	4
Validating your Storage Design with Jetstress	4
Exchange Deployment Assistant	1
Creating and Configuring Mailbox Databases	8
Managing Mailbox Databases	1
Configuring Transaction Log Properties	1

**Microsoft Exchange Server 2016: Mailbox Databases: High Availability Solutions and Database Availability Groups (DAGs)**

Planning for HA	1
Identifying Failure Domains	4
FSW for a DAG	5

**WEEK 2**

**101 min.**

Azure Lab: Creating Another Mailbox Server	3
Creating DAGs	1
Creating Mailbox Database Copies	1
DAG Networks	1
Azure DAG Members	1
Handling Server Maintenance and SLAs	1
Site Resilient DAGs	1
Planning the Cross-Site DAG	1
Cross-Site DAG Quorum Options	1
Datacenter Activation Coordination (DAC) Mode	1
Test Site Recovery	1

**Microsoft Exchange Server 2016: Mailbox Databases: Monitor, Troubleshoot, Back Up, and Recovery Mailbox Databases**

Monitoring Mailbox DB Replication and Indexing	1
Troubleshooting Mailbox DB Replication and Replay	1
Troubleshooting Mailbox DB Copy Activation	1
Troubleshooting Mailbox Database Performance	1
Troubleshooting Database Failures	1
Resolving Quorum Issues	1
Planning Backups for RPO and RTO	1
Recovering Exchange Server and Other Components	1
Performing a Dial Tone Restore	1

Deploying and Managing Lagged Mailbox DB Copies	1
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Introducing Exchange 2016	1
The Mailbox Database Section	1
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Azure Lab: Deploy the Virtual Network	1
Azure Lab: Deploy the AD Domain Controller	8
Azure Lab: Create the Exchange VM	1
Azure Lab: Install Exchange 2016	1
Azure Lab: Test Exchange 2016	1
Azure Lab: Stopping and Starting Your VMs	1
Planning for Mailbox Database Size	1
Role Requirements Calculator	5
Mailbox Database Capacity and Placement	1
Archive Mailbox Capacity and Placement	1
Public Folders in Exchange 2016	1
Public Folder Capacity and Placement	5
Planning the Storage Architecture	1
Planning File System Requirements	1
Planning for AutoReseed	1
Planning for Virtualization Requirements	1
Validating your Storage Design with Jetstress	1
Exchange Deployment Assistant	1
Creating and Configuring Mailbox Databases	8
Managing Mailbox Databases	1
Configuring Transaction Log Properties	1

Planning for HA	1
Identifying Failure Domains	1
FSW for a DAG	1
Azure Lab: Creating Another Mailbox Server	1
Creating DAGs	1
Creating Mailbox Database Copies	1
DAG Networks	4
Azure DAG Members	1
Handling Server Maintenance and SLAs	1
Site Resilient DAGs	1
Planning the Cross-Site DAG	1
Cross-Site DAG Quorum Options	1
Datacenter Activation Coordination (DAC) Mode	1
Test Site Recovery	1
Monitoring Mailbox DB Replication and Indexing	1
Troubleshooting Mailbox DB Replication and Replay	1
Troubleshooting Mailbox DB Copy Activation	1
Troubleshooting Mailbox Database Performance	1
Troubleshooting Database Failures	1
Resolving Quorum Issues	1
Planning Backups for RPO and RTO	1
Recovering Exchange Server and Other Components	1
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