

Microsoft Exchange Server 2013 Boot Camp Courses

**Bootcamp Title – MCSE: Messaging (1 Cert)**   
Number of Days – 7  
Number of Exams – 2  
Number of Certifications – 1  
Cost - $5,595.00

Certifications:

MCSE: Messaging

Exams:

**70-341:** Core Solutions of Microsoft Exchange Server 2013

**70-342:** Advanced Solutions of Microsoft Exchange Server 2013

Course Description:

The MCSE Messaging certification boot camp is a 7 day comprehensive deep dive into the Exchange Server covering topics such as deploying, managing and administering core and advanced features of the Exchange Server 2013. This instructor led face to face training camp will teach you the skills needed to support an Exchange environment.

Class Objectives (*Following information customized from Microsoft Learning Test Objectives)*

**Module 1: Deploying and Managing Microsoft Exchange Server 2013**

This module describes Exchange Server 2013 prerequisites and requirements, deployment and management.

**Lessons**

* Exchange Server 2013 Prerequisites and Requirements
* Exchange Server 2013 Deployment
* Managing Exchange Server 2013

**Lab : Deploying and Managing Exchange Server 2013**

After completing this module, students will be able to:

* Describe Exchange Server 2013 prerequisites and requirements.
* Perform an Exchange Server 2013 deployment.
* Manage Exchange Server 2013.

**Module 2: Planning and Configuring Mailbox Servers**

This module describes how to plan and configure the Mailbox server role.

**Lessons**

* Overview of the Mailbox Server Role
* Planning the Mailbox Server Deployment
* Configuring the Mailbox Servers

**Lab : Configuring Mailbox Servers**

After completing this module, students will be able to:

* Describe the Mailbox server role.
* Plan for a Mailbox server role deployment.
* Configure the Mailbox servers.

**Module 3: Managing Recipient Objects**

This module explains how to manage recipient objects, address policies, and address lists in Exchange Server 2013.

**Lessons**

* Managing Exchange Server 2013 Mailboxes
* Managing Other Exchange Recipients
* Planning and Implementing Public Folder Mailboxes
* Managing Address Lists and Policies

**Lab : Managing Recipient Objects**

After completing this module, students will be able to:

* Manage Exchange Server 2013 mailboxes.
* Manage other Exchange Server 2013 recipients.
* Implement public folders.
* Configure address lists and policies.

**Module 4: Planning and Deploying Client Access Servers**

This module explains how to plan and implement the Client Access server role in Exchange Server 2013.

**Lessons**

* Planning Client Access Server Deployment
* Configuring the Client Access Server Role
* Managing Client Access Services

**Lab : Deploying and Configuring a Client Access Server Role**

After completing this module, students will be able to:

* Plan Client Access server deployment.
* Configure the Client Access server roles.
* Manage Client Access services.

**Module 5: Planning and Configuring Messaging Client Connectivity**

This module explains how to plan and configure Microsoft Outlook Web App and mobile messaging in Exchange Server 2013.**Lessons**

* Client Connectivity to the Client Access Server
* Configuring Outlook Web App
* Planning and Configuring Mobile Messaging
* Configuring Secure Internet Access for Client Access Server

**Lab : Planning and Configuring Messaging Client Connectivity**

After completing this module, students will be able to:

* Describe the client services Exchange Server 2013 provides.
* Configure Outlook Web App.
* Plan and configure mobile messaging.
* Configure secure Internet access for Client Access server.

**Module 6: Planning and Implementing High Availability**

This module explains the high-availability technology built into Exchange Server 2013, and some of the outside factors that affect highly available solutions.

**Lessons**

* High Availability on Exchange Server 2013
* Configuring Highly Available Mailbox Databases
* Configuring Highly Available Client Access Servers

**Lab : Implementing High Availability**

After completing this module, students will be able to:

* Describe high availability in Exchange Server 2013.
* Configure highly available mailbox databases.
* Configure highly available Client Access servers.

**Module 7: Planning and Implementing Disaster Recovery**

This module explain how to plan, implement disaster mitigation, and recovery in Exchange Server 2013.

**Lessons**

* Planning for Disaster Mitigation
* Planning and Implementing Exchange Server 2013 Backup
* Planning and Implementing Exchange Server 2013 Recovery

**Lab : Implementing Disaster Recovery for Exchange Server 2013**

After completing this module, students will be able to:

* Plan disaster mitigation.
* Plan and implement Exchange Server 2013 backup.
* Plan and implement Exchange Server 2013 recovery.

**Module 8: Planning and Configuring Message Transport**

This module explains how to plan and configure message transport in an Exchange Server 2013 organization.

**Lessons**

* Overview of Message Transport and Routing
* Planning and Configuring Message Transport
* Managing Transport Rules

**Lab : Planning and Configuring Message Transport**

After completing this module, students will be able to:

* Describe message transport in Exchange Server 2013.
* Plan and configure message transport.
* Manage transport rules.

**Module 9: Planning and Configuring Message Hygiene**

This module explains how to plan messaging security, implement an antivirus and anti-spam solution for Exchange Server 2013.

**Lessons**

* Planning Messaging Security
* Implementing an Antivirus Solution for Exchange Server 2013
* Implementing an Anti-Spam Solution for Exchange Server 2013

**Lab : Planning and Configuring Message Security**

After completing this module, students will be able to:

* Plan messaging security.
* Implement an antivirus solution for Exchange Server 2013.
* Implement an anti-spam solution for Exchange Server 2013.

**Module 10: Planning and Configuring Administrative Security and Auditing**

This module explains how to configure role-based access control (RBAC) permissions and configure audit logging.

**Lessons**

* Configuring Role-Based Access Control
* Configuring Audit Logging

**Lab : Configuring Administrative Security and Auditing**

After completing this module, students will be able to:

* Configure RBAC permissions.
* Configure audit logging.

**Module 11: Monitoring and Troubleshooting Microsoft Exchange Server 2013**

This module explains how to monitor, maintain, and troubleshoot your Exchange Server 2013 environment.

**Lessons**

* Monitoring Exchange Server 2013
* Maintaining Exchange Server 2013
* Troubleshooting Exchange Server 2013

**Lab : Monitoring and Troubleshooting Exchange Server 2013**

After completing this module, students will be able to:

* Monitor Exchange Server 2013.
* Maintain Exchange Server 2013.
* Troubleshoot Exchange Server 2013.

**Module 1: Overview of Exchange Server 2013 Unified Messaging**

This module explains the basic concept of Unified Messaging in Exchange Server 2013.

**Lessons**

* Lesson 1: Telephony technologies overview
* Lesson 2: Unified Messaging in Exchange Server 2013
* Lesson 3: Unified Messaging components

**Lab : Unified Messaging Overview**

After completing this module, students will be able to explain the basic concept of Unified Messaging in Exchange Server 2013.

**Module 2: Designing and implementing Exchange Server 2013 Unified Messaging**

This module explains how to design and implement Exchange Server 2013 Unified Messaging.

**Lessons**

* Lesson 1: Designing a Unified Messaging deployment
* Lesson 2: Deploying and configuring Unified Messaging components
* Lesson 3: Integrating Exchange Server 2013 Unified Messaging with Lync

**Lab : Designing and Implementing Exchange Server 2013 Unified Messaging**

After completing this module, students will be able to design and implement Exchange Server 2013 Unified Messaging.

**Module 3: Designing and implementing site resiliency**

This module explains how to design and implement site resiliency for Exchange Server 2013.

**Lessons**

* Lesson 1: Site resiliency in Exchange Server 2013
* Lesson 2: Planning a site resilient implementation
* Lesson 3: Implementing site resiliency

**Lab : Designing and implementing site resiliency**

After completing this module, students will be able to design and implement site resiliency for Exchange Server 2013.

**Module 4: Planning virtualization for Exchange Server 2013**

This module explains how to plan a virtualization strategy for Exchange Server 2013 roles.

**Lessons**

* Lesson 1: Hyper-V 3.0 overview
* Lesson 2: Virtualizing Exchange Server 2013 server roles

**Lab : Planning virtualization of Exchange Server roles**

After completing this module, students will be able to plan a virtualization strategy for Exchange Server 2013 roles.

**Module 5: Designing and implementing message transport security**

This module explains how to design and implement message transport security.

**Lessons**

* Lesson 1: Overview of policy and compliance requirements
* Lesson 2: Designing and implementing transport compliance
* Lesson 3: Designing and implementing AD RMS integration with Exchange Server 2013

**Lab : Designing and implementing message transport security**

After completing this module, students will be able to design and implement message transport security.

**Module 6: Designing and implementing message retention**

This module explains how to design and implement message retention in Exchange Server 2013.**Lessons**

* Lesson 1: Message records management and archiving overview
* Lesson 2: Designing in-place archiving
* Lesson 3: Designing and implementing message retention

**Lab : Designing and implementing message retention**

After completing this module, students will be able to design and implement message retention in Exchange Server 2013.

**Module 7: Designing and implementing messaging compliance**

This module explains how to design and implement messaging compliance.

**Lessons**

* Lesson 1: Designing and implementing data loss prevention
* Lesson 2: Designing and implementing an in-place hold
* Lesson 3: Designing and implementing in-place e-discovery

**Lab : Designing and implementing messaging compliance**

After completing this module, students will be able to design and implement messaging compliance.

**Module 8: Designing and implementing administrative security and auditing**

This module explains how to design and implement administrative security in an Exchange Server 2013 environment.

**Lessons**

* Lesson 1: Designing and implementing role based access control
* Lesson 2: Designing and implementing split permissions
* Lesson 3: Planning and implementing audit logging

**Lab : Designing and implementing administrative security and auditing**

After completing this module, students will be able to design and implement administrative security in an Exchange Server 2013 environment.

**Module 9: Managing Exchange Server 2013 with Exchange Management Shell**

This module explains how to use Windows PowerShell 3.0 to manage Exchange Server 2013.

**Lessons**

* Lesson 1: Overview of Windows PowerShell 3.0
* Lesson 2: Using Exchange Management Shell to manage Exchange Server recipients
* Lesson 3: Managing Exchange Server 2013 with Exchange Management Shell

**Lab : Managing Exchange Server 2013 with Exchange Management Shell**

After completing this module, students will be able to use Windows PowerShell 3.0 to manage Exchange Server 2013.

**Module 10: Designing and implementing integration with Exchange Online**

This module explains how to design and implement integration with Exchange Online.

**Lessons**

* Lesson 1: Planning for Exchange Online
* Lesson 2: Planning and implementing the migration to Exchange Online
* Lesson 3: Planning coexistence with Exchange Online

**Lab : Designing integration with Exchange Online**

After completing this module, students will be able to design and implement integration with Exchange Online.

**Module 11: Designing and implementing messaging coexistence**

This module explains how to design and implement messaging coexistence.

**Lessons**

* Lesson 1: Designing and implementing federation
* Lesson 2: Designing coexistence between Exchange organizations
* Lesson 3: Designing and implementing cross-forest mailbox moves

**Lab : Implementing messaging coexistence**

After completing this module, students will be able to design and implement messaging coexistence.

**Module 12: Designing and implementing Exchange Server migrations and upgrades**

This module explains how to design and implement Exchange Server migrations from non-Exchange messaging systems, and upgrades from previous Exchange Server versions.

**Lessons**

* Lesson 1: Designing migration from non-Exchange email systems
* Lesson 2: Planning the upgrade from previous Exchange versions
* Lesson 3: Implementing the migration from previous Exchange versions

**Lab : Designing and implementing Exchange Server migrations**

After completing this module, students will be able to design and implement Exchange Server migrations from non-Exchange messaging systems, and upgrades from previous Exchange Server versions.