Price:	$2,295
Length:	35 Hours (5 days)

Introduction: This course will provide you with the knowledge and skills to configure and manage a Microsoft Exchange Server 2013 messaging environment. This course will teach you how to configure Exchange Server 2013, and it will provide guidelines, best practices, and considerations that will help you optimize your Exchange Server deployment.

Target Audience: This course is intended for people aspiring to be enterprise-level messaging administrators. Others who may take this course include IT generalists and help desk professionals who want to learn about Exchange Server 2013. People coming into the course are expected to have at least 3 years of experience working in the IT field—typically in the areas of network administration, help desk, or system administration. Students are expected to have experience with Exchange Server 2013 or with previous versions of Exchange Server.

In addition, this course is intended as preparation material for IT professionals who are looking to take the exam 70-342A: Microsoft Exchange Server 2013, Advanced Solutions, as a stand-alone, or as part of the requirement for the MCSE: Microsoft Exchange Server 2013 certification.

Prerequisites:
- Passed 70-341: Core Solutions of Microsoft Exchange Server 2013, or equivalent
- Minimum of two years of experience working with Exchange Server
- Minimum of six months of experience working with Exchange Server 2010 or Exchange Server 2013
- Minimum of two years of experience administering Windows Server, including Windows Server 2008 R2 or Windows Server 2012
- Minimum of two years of experience working with Active Directory
- Minimum of two years of experience working with name resolution, including DNS
- Experience working with certificates, including public key infrastructure (PKI) certificates
- Experience working with Windows PowerShell

Course Objectives: After completing this course, students will be able to:
- Design and implement Exchange Server 2013 Unified Messaging.
- Design and implement site resiliency for Exchange Server 2013.
- Plan a virtualization strategy for Exchange Server 2013 roles.
- Design and implement message transport security.
- Design and implement message retention in Exchange Server 2013.
- Design and implement messaging compliance.
- Design and implement administrative security in an Exchange Server 2013 environment.
- Use Windows PowerShell 3.0 to manage Exchange Server 2013.
- Design and implement integration with Exchange Online.
- Design and implement messaging coexistence.
- Design and implement Exchange Server migrations from non-Exchange messaging systems, and upgrades from previous Exchange Server versions.

Course Outline

I. Overview of Exchange Server 2013 Messaging
- A. Telephony technologies overview
- B. Unified Messaging in Exchange Server 2013
- C. Unified Messaging components

II. Designing and Implementing Exchange Server 2013 Unified Messaging
- A. Designing a Unified Messaging deployment
- B. Deploying and configuring Unified Messaging components
- C. Integrating Exchange Server 2013 Unified Messaging with Lync

III. Designing and Implementing Site Resiliency
- A. Site resiliency in Exchange Server 2013
- B. Planning a site resilient implementation
- C. Implementing site resiliency

IV. Planning Virtualization for Exchange Server 2013
- A. Hyper-V 3.0 overview
- B. Virtualizing Exchange Server 2013 server roles

V. Designing and Implementing Message Transport Security
- A. Overview of policy and compliance requirements
- B. Designing and implementing transport compliance
- C. Designing and implementing AD RMS integration with Exchange Server 2013

VI. Designing and Implementing Message Retention
- A. Message records management and archiving overview
- B. Designing in-place archiving
- C. Designing and implementing message retention

VII. Designing and Implementing Messaging Compliance
- A. Designing and implementing data loss prevention
- B. Designing and implementing an in-place hold
- C. Designing and implementing in-place e-discovery

VIII. Designing and Implementing Administrative Security and Auditing
- A. Designing and implementing role based access control
- B. Designing and implementing split permissions
- C. Planning and implementing audit logging

IX. Managing Exchange Server 2013 with Exchange Management Shell
- A. Overview of Windows PowerShell 3.0
- B. Using Exchange Management Shell to manage Exchange Server recipients
- C. Managing Exchange Server 2013 with Exchange Management Shell

X. Designing and Implementing Integration with Exchange Online
- A. Planning for Exchange Online
- B. Planning and implementing the migration to Exchange Online
- C. Planning coexistence with Exchange Online

XI. Designing and Implementing Messaging Coexistence
- A. Designing and implementing federation
- B. Designing coexistence between Exchange organizations
- C. Designing and implementing cross-forest mailbox moves

XII. Designing and Implementing Exchange Server Migrations and Upgrades
- A. Designing migration from non-Exchange email systems
- B. Planning the upgrade from previous Exchange versions
- C. Implementing the migration from previous Exchange versions