

20337BC	Enterprise Voice and Online Services with Microsoft Lync Server 2013	5 DAYS	SATV : YES
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Course Description:

This five-day instructor-led course teaches how to design and configure enterprise voice in Microsoft Lync Server 2013 and Lync Online services. This course will provide you with the knowledge and skills to configure and manage a Lync Server 2013 on premises, Lync Online in the cloud or in a mixed deployment. In addition, it will provide the skills needed by IT or telephony consultants to deliver a Lync based enterprise voice solution. This course will teach you how to configure Lync Server 2013, as well as provide guidelines, best practices, and considerations that will help you optimize your enterprise voice deployment. This course helps the student prepare for Exam 70-337.

Course Outline

Module 1: Voice Architecture

- Architecture and Server Roles
 - Voice Features of Lync Server 2013
 - Site Topologies
- After completing this module, students will be able to:
- Describe the Enterprise Voice features and capabilities of Lync Server 2013.
 - Explain Enterprise Voice architecture and server roles of Lync Server 2013.
 - Define site topologies for an Enterprise Voice deployment.

Module 2: Configuring Basic Enterprise Voice Functionality

- Introduction to Lync Voice Routing
- Configuring Enterprise Voice
- Defining Voice Policies
- Assigning DID Numbers
- How to Design a Dial Plan

Module 3: Designing Exchange Server 2013 Unified Messaging Integration with Lync Server 2013

- Overview of Exchange 2013 Unified Messaging
- Integrating Unified Messaging with Lync Server 2013

Module 4: Voice Applications

- Call Park Service
- Managing Calls to Unassigned Numbers
- PSTN Conferencing
- Overview of Response Group Services
- Implementing Response Group Services

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Module 5: Configuring and Deploying Emergency Calling

- Introducing Location Information Server
- Overview of Setup and Call Flow
- Designing Location Policies
- Implementing LIS
- Address Discovery
- User Experience

Module 6: PSTN Integration

- Connecting to the PSTN
- Connecting to the Existing PBX
- M:N Interworking Routing
- Call Routing Reliability

After completing this module, students will be able to:

- Connect Lync to the PSTN.
- Implement M:N interworking routing.
- Define a reliable route for calls by using the PSTN.
- Identify Auxiliary Calling Information passed during call forwarding.

Module 7: Lync Server 2013 and Networking

- Planning for Media Requirements
- Call Admission Control
- Planning for Call Admission Control
- Media Bypass

Module 8: Phones and Devices

- Introduction to Phones and Devices
- Device Deployment
- Lync Server 2013 Phone Management
- Analog Device Support

After completing this module, students will be able to

- Understand the differences between the different types of Lync phones.
- Recommend phones for information workers, conference rooms and common areas.
- Set up, configure, and manage Lync Phone Edition and compatible devices.
- Configure voice policies for common area phones.
- Deploy and support analog phone devices.

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Module 9: Lync Online Configuration and Migration

- Office 365 Architecture
- Deploying Lync Online
- Lync Hybrid Scenarios

Module 10: Quality of Experience

- Voice Quality Concepts
- Exploring Lync Monitoring Server Components
- Exploring Lync Monitoring Server Reports
- RTP and RTCP Collected Information

Module 11: Voice Resiliency

- Voice Resiliency in Lync Server 2013
- Lync Pool Resilience
- Branch Office Resilience