

5 Days

20337 Enterprise Voice and Online Services with Microsoft Lync Server 2013

Enterprise Voice & Online Services with Microsoft Lync Server 2013 training is a five-day course designed for IT consultants and telecommunication professionals to teach them to design and configure enterprise voice in Microsoft Lync Server 2013 and Lync Online services.

This course renders necessary skills to professionals for configuring and managing a Lync Server 2013 on premises, Lync Online in the cloud or in a mixed deployment.

Additionally, during the training period, participants will learn to configure Lync Server 2013, by knowledge delivered through guidelines, and hands-on lab exercises that will help them to optimize their enterprise voice deployment.

Completion of this course will enable participants in:

- Designing a resilient enterprise voice solution
- Designing and configuring network services for Lync 2013
- Configuring Lync Server 2013 voice features
- Implementing emergency voice services
- Planning and configuring a Lync Online or hybrid solution

This course helps you prepare for the exam 70-337: Enterprise Voice & Online Services with Microsoft Lync Server 2013.

Course Details

Course Outline

Module 1: Voice Architecture

- Architecture and Server Roles
- Site Topologies
- Voice Features of Lync Server 2013

Module 2: Configuring Basic Enterprise Voice Functionality

- Introduction to Lync Voice Routing
- Configure Enterprise Voice

- Define Voice Policies
- Assign DID Numbers
- Design a Dial Plan

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

- Exchange 2013 Unified Messaging
- Integrate Unified Messaging with Lync Server 2013

Module 4: Voice Applications

- Call Park Service
- Manage Calls to Unassigned Numbers
- PSTN Conferencing
- Response Group Services
- Implement Response Group Services

Module 5: Configure and Deploy Emergency Calling

- Location Information Server
- Setup and Call Flow
- Design Location Policies
- Implement LIS
- User Experience
- Address Discovery

Module 6: PSTN Integration

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

Module 7: Lync Server 2013 and Networking

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

Module 8: Phones and Devices

- Introduction to Phones and Devices

- Device Deployment
- Analog Device Support
- Lync Server 2013 Phone Management

Module 9: Lync Online Configuration and Migration

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

Module 10: Quality of Experience

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

Module 11: Voice Resiliency

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

Who Should Attend

This course is primarily focused on IT consultants and telecommunications professionals who are engaged in designing, planning, deploying and maintaining solutions for unified communications (UC) with particular emphasis on enterprise voice over Internet protocol (VOIP).

Pre Requisite

Before attending this course, candidates must have:

- Completed Course 20336, Core Solutions of Microsoft Lync Server 2013 or carry equivalent knowledge of deploying Lync Server 2013 or Lync Online.
- Experience to manage software in a Windows 2008 R2 enterprise server or Windows Server 2012 environment
- Knowledge of Active Directory Domain Services
- Acquaintance of managing and configuring databases
- Experience to manage an application remotely using Windows PowerShell 3.0

Exams

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