
Enterprise Voice and Online Services with Microsoft Lync Server 2013

Duration: 5 Days Course Code: 337 Version: B

Overview:

This five-day instructor-led course teaches how to design and configure Enterprise Voice and Online Services in Microsoft Lync Server 2013. This course will provide you with the knowledge and skills to configure and manage a Lync Server 2013 on premises, 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 optimise your Lync server deployment. This course helps the student prepare for Exam 70-337.

Target Audience:

This course is intended for IT Consultants and Telecommunications Consulting professionals who design, plan, deploy, and maintain solutions for unified communications with particular emphasis on enterprise VOIP and online services. The student should be able to translate business requirements into technical architecture and design for a UC solution.

Objectives:

- Design Enterprise Voice
 - Design and configure network services
 - Configure Enterprise Voice
 - Plan and configure a Lync online hybrid solution
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Prerequisites:

- Before attending this course, students must have:
- Minimum of two years of experience with Microsoft Lync technologies or similar telephony systems.
- Familiarity with supported migration scenarios.
- Experience deploying Lync Server solutions for the following scenarios:
 - End users
 - Endpoint devices
 - Audio/video and Web conferences
- Familiarity with security and high availability concepts.
- Experience with monitoring and troubleshooting Lync Server.
- Understanding of Active Directory Domain Services (AD DS).
- Networking experience
- Knowledge of PowerShell

Testing and Certification

- This course will prepare candidates for Exam 70-337.
 - Exam 70-337:Enterprise Voice & Online Services with Microsoft Lync Server 2013 counts as credit toward the following certification(s):
 - Microsoft Certified Solutions Expert (MCSE): Communication
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Content:

Module 1: Voice Architecture

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

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 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

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

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

Module 9: Online Configuration and Migration

- Introduction to Office 365 Architecture
- Hybrid Scenarios
- Lync Online Policies
- Integrating Lync Online and Lync On-Premise
- Configuring Edge for Lync Online
- User Migration between Lync On-Premises and Lync Online

Module 10: Hybrid Voice and Unified Messaging

- Configuring Online Users for Enterprise Voice
- Configuring the Lync Edge server to support Exchange UM Online
- Enabling Users for Exchange UM Online

Module 11: Monitoring

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

Module 12: Voice Resiliency

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

Further Information:

For More information, or to book your course, please call us on Head Office +254 713 027 191

training@clclearningafrica.com

www.clclearningafrica.com

Computer Learning Centre 2nd Floor Museum Hill Centre, Muthithi Road, Westlands, Nairobi, Kenya