

Microsoft®

MS-10534 Planning and Designing a Microsoft Lync Server 2010 Solution (BETA)

Duration:

Traditional Instructor Led Learning -5 days

Software Assurance Vouchers Accepted



Introduction

This five-day instructor-led course teaches how to plan and design a Microsoft Lync Server 2010 solution to IT professionals. The course emphasizes Voice features in Lync 2010 from a deployment perspective. In this course, students learn how to plan and design a Lync Server 2010 system. The labs in this course utilize the Lync Server 2010 Planning Workbook and Planning Tool. This course helps the student prepare for Exam 70-665.

Prerequisites

The students should have experience in core Lync Server 2010 technology with specialist skills in:

- Features and architecture
- Dial plans
- External User Access and Federation
- Security
- High Availability
- Load Balancing
- Resiliency
- Capacity
- Bandwidth management
- Central and Branch Office Sites
- Enterprise Voice

- Call Management
- Audio/Web/Dial-in Conferencing
- Topology options including services, server roles, colocation and geographical placement.

Apart from this, students should have knowledge on Windows Server Active Directory deployment and should have attended the TS level Course 10533A: Configuring and Managing Microsoft Lync Server 2010 or possess equivalent experience or skills.

Course Outline

Module 1: Overview of the Lync Server 2010 Design Process

- Overview of Lync Server 2010 Architecture
- Overview of Lync Server 2010 Core Capabilities

- Introduction to the Lync Server 2010 Design Process
- Assessing Infrastructure Requirements and Updating Design
- Planning for all Microsoft Solutions Framework Phases

Module 2: Designing a Lync Server 2010 Topology

- Planning Infrastructure Requirements for Lync Server 2010
- Using the Lync Server 2010 Planning Tool
- Using Topology Builder
- Planning for Site Topology
- Designing the Site Topology
- Planning the Server Infrastructure
- Design Documentation Using Microsoft Office

Module 3: Designing for Conferencing and External Scenarios

- Conferencing and External Capabilities of Lync Server 2010
- Designing for Dial-In Conferencing
- Designing for Audio/Video and Web Conferencing
- Planning for IM and Presence Federation
- Designing Edge Services
- Planning for DNS implementation
- Planning for PKI Implementation

Module 4: Planning and Designing Load Balancing

Lessons

- Planning for Load Balancing
- Designing Load Balancing

Module 5: Designing a Mediation Server Topology

- Designing Mediation Server
- Designing Media Bypass

Module 6: Designing Voice Infrastructure

- Introduction to Lync Server 2010 Voice Architecture
- Lync Server 2010 Telephony Interoperability Options
- Defining Number Manipulation
- Defining Voice Policies
- Designing a Voice Routing Solution
- Address Book Service in Lync Server 2010

Module 7: Creating a Network Design for Lync Server 2010

- Planning for Media Requirements
- Planning for Bandwidth Based on Usage
- Planning for Call Admission Control
- Designing Call Admission Control

Module 8: Designing Response Group Services

- Overview of the Response Group Services
- Planning for Response Group Services
- Designing Response Group Services

Module 9: Designing Location Services in Lync Server 2010

- Planning for Location Services
- Designing Location Services

Module 10: Designing Exchange Server Unified Messaging Integration with Lync Server 2010

- Overview of Exchange Server 2010 Unified Messaging
- Planning a Voice Mail Solution for Lync Server 2010
- Designing a Voice Mail Solution for Lync Server 2010

Module 11: Designing Resiliency

- Planning Site Resiliency
- Designing Site Resiliency
- Designing System Monitoring

Module 12: Designing Backup and Disaster Recovery

- Designing a Backup and Restore Strategy
- Lync Server 2010 Backup and Recovery Considerations

Module 13: Designing Monitoring and Archiving

- Designing Monitoring Server Topology
- Designing Archiving Server Topology

Module 14: Planning a Migration to Lync Server 2010

- Overview of Coexistence and Migration
- Designing a Migration Strategy
- Planning for Clients and Devices
- Designing a Client Migration and Device Migration Strategy

To register or for more information call our office **(208) 898-9036** or email register@leapfoxlearning.com



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