



## 10533 Deploying, Configuring, and Administering Microsoft Lync Server 2010 Beta

Instructor Led Learning - 5.00 Day(s)

### **Overview:**

This course teaches IT professionals how to deploy, configure, and administer a Microsoft Lync Server 2010 solution. The course also emphasizes Lync Server 2010 Enterprise Voice features from a deployment and configuration perspective.

### **Who Should Attend:**

This course is intended for IT professionals and telecommunications professionals who want to learn how to install, configure, manage and maintain a Microsoft Lync Server 2010 environment. These professionals should have at least 3 years' experience working with unified communications software, including knowledge of and experience with Microsoft Office Communications Server 2007 R2.

### **At Course Completion:**

After completing this course, students will be able to:

- Describe how the features and architecture of Microsoft Lync Server 2010 enable real time communication and collaboration
- Deploy Lync Server 2010
- Configure users and rights using Role Based Access Control (RBAC)
- Deploy and manage Lync 2010 clients
- Configure and manage external user access using the Edge server role
- Deploy basic Enterprise Voice functionality
- Extend Enterprise Voice functionality to include Trunk options, call park orbit, and the unassigned number feature
- Integrate Microsoft Exchange Server 2010 Service Pack 1 (SP1) Unified Messaging (UM) with Lync Server 2010
- Configure the Response Group Service, including agent groups, queues, and workflows
- Configure and manage conferencing
- Configure and use archiving and monitoring
- Perform backup and restore of Lync Server 2010 critical data
- Improve bandwidth management using Call Admission Control (CAC)
- Configure and deploy Enhanced 9-1-1
- Configure a Survivable Branch Server for a branch office

### **Outline:**

**Lesson 1:** Features and Architecture of Microsoft Lync Server 2010 Features of Lync Server 2010  
Architecture and Server Roles  
Management Tools

**Lesson 2:** Deploying Microsoft Lync Server 2010 Preparing for Deployment  
Reviewing the Design Process  
Deploying Lync Server 2010

Lab : Preparing the Environment and Deploying a Lync Server 2010 Pool

**Lesson 3:** Configuring Users and Rights in Microsoft Lync Server 2010 Managing Lync Server 2010  
Role Based Access Control

Lab : Configuring Users and Rights

**Lesson 4:** Client and Device Deployment and Management Preparing for Client Deployment

Deploying Lync 2010 Clients

Preparing for Device Deployment

Deploying and Managing IP Phones  
Lab : Client and Device Management  
**Lesson 5:** External User Access Edge Server Role  
Topologies for External User Access  
Preparing for External User Access  
Edge Server Deployment Process  
Lab : Deploying External User Access  
**Lesson 6:** Configuring Basic Enterprise Voice Functionality Features of Lync Server 2010 Enterprise Voice  
Preparing for Enterprise Voice  
Deploying Enterprise Voice  
Lab : Configuring Basic Enterprise Voice Functionality  
**Lesson 7:** Extending Enterprise Voice Functionality Configuring Enterprise Voice  
Introducing Call Park  
Introducing the Announcement Service  
Lab : Implementing Enterprise Voice  
**Lesson 8:** Microsoft Exchange Server 2010 SP1 Unified Messaging (UM) Integration Prerequisites for  
Integrating Exchange Server 2010 SP1 UM with Lync Server 2010  
Integrating Exchange Server 2010 SP1 UM with Lync Server 2010  
Lab : Integrating Exchange Server 2010 SP1 Unified Messaging with Lync Server 2010  
**Lesson 9:** Implementing Response Groups Overview of the Response Groups Service and its Application  
Response Group Service Components  
Response Group Service Management Tools  
Lab : Configuring the Microsoft Lync Server 2010 Response Group Service  
**Lesson 10:** Conferencing in Microsoft Lync Server 2010 Introduction to Conferencing in Lync Server 2010  
Dial-In Conferencing in Lync Server 2010  
Managing and Administering Conferencing Policies  
Lab : Conferencing Configuration and Deployment  
**Lesson 11:** Monitoring and Archiving Describing the Archiving Service  
Describing the Monitoring Service  
Configuring Archiving and Monitoring  
Lab : Configuring and Using Archiving and Monitoring in Lync Server 2010  
**Lesson 12:** High Availability and Disaster Recovery in Microsoft Lync Server 2010 Options for High  
Availability  
Tools for Backing Up and Restoring Lync Server 2010  
Exporting and Importing Critical Lync Server Data  
Backing up and Restoring Critical Lync Server Data  
Lab : Preparing for a Disaster and Recovering  
**Lesson 13:** Call Admission Control Overview of CAC Functionality  
Implementing CAC  
Lab : Implementing Call Admission Control  
**Lesson 14:** Deploying and configuring Enhanced 9-1-1 Enhanced 9-1-1  
Deploying and Configuring Enhanced 9-1-1  
Lab : Configuring the Lync Server 2010 Location Information Service for Enhanced 9-1-1 Calling  
**Lesson 15:** Voice Resiliency Features of Lync Server 2010 Voice Resiliency in Lync Server 2010  
Features Available During Various Outage Scenarios  
Lab : Implementing Voice Resiliency in Lync Server 2010