

## 20334 Core Solutions of Microsoft Skype for Business 2015

### Overview

This course teaches students how to plan, deploy, configure, & administer a Microsoft Skype for Business 2015 solution. Students will also learn how to deploy a multi-site and highly available Skype for Business infrastructure for their organization.

### Prerequisite Comments

In addition to their professional experience, students who attend this training should already have the following technical knowledge: Minimum of two years of experience administering Windows Server, including Windows Server 2008 R2 or Windows Server 2012; minimum of two years of experience working with Active Directory; minimum of two years of experience working with name resolution, including DNS; experience working with certificates, including PKI certificates; experience working with Windows PowerShell; understanding of data networks and telecommunications standards and components

### Target Audience

This course is intended for IT professionals who are responsible for the Skype for Business deployment in their organizations.

### Course Objectives

After completing this course, students will be able to:

- Describe the architecture of Skype for Business 2015 and design a Skype for Business 2015 topology.
- Install and implement Skype for Business Server 2015.
- Administer and manage Skype for Business Server 2015 by using the various available tools.
- Design and implement clients and users in Skype for Business 2015.
- Implement conferencing in Skype for Business 2015.
- Design and implement additional conferencing options.
- Design and implement monitoring and archiving in Skype for Business 2015.
- Design and implement connectivity for external users and organizations.
- Design and implement Persistent Chat in Skype for Business 2015.
- Design and implement high availability in Skype for Business 2015.
- Design and implement disaster recovery scenarios for Skype for Business 2015.
- Design and deploy Skype for Business hybrid.
- Design and implement an upgrade from Lync to Skype for Business 2015.

### Course Outline

[Register Online](#)

Schedule

Class Length: 5 Days

G2R = "Guaranteed to Run" | OLL = "Online LIVE"  
ILT = "Instructor-Led-Training"

*This course is not currently available on the public schedule. Please contact us using the information in the footer below to inquire about future dates or to schedule a private class.*

## Designing the Skype for Business 2015 Topology

Skype for Business 2015 Overview  
Skype for Business Administrative Tools  
Skype for Business Online  
Lab: Designing and Publishing a Skype for Business 2015 Topology

## Installing and Implementing Skype for Business Server 2015

Server and Service Dependencies  
Planning SIP Domains  
Installing Skype for Business Server 2015  
Integrating Skype for Business Server 2015 with Exchange Server and SharePoint Server  
Lab : Configuring DNS for Skype for Business 2015  
Lab : Deploying Skype for Business Server 2015

## Administering Skype for Business Server 2015

Skype for Business Control Panel  
Skype for Business Management Shell  
Scripting in the Skype for Business Shell  
Implementing Role Based Access Control (RBAC)  
Using the Test Cmdlets  
Tools for Troubleshooting Skype for Business 2015  
Lab : Using Administrative Tools to Manage Skype for Business Server 2015  
Lab : Using Tools to Troubleshoot Skype for Business Server 2015

## Configuring Users and Clients in Skype for Business 2015

Configuring Users  
Deploying Skype for Business 2015 Clients  
Sign In, Registration, and Authentication  
Configuring Skype for Business Client Policies  
Configuring Skype for Business Server 2015 Settings  
Managing the Skype for Business Address Book  
Lab : Configuring Users and Clients in Skype for Business 2015  
Lab : Configuring Policies and the Address Book in Skype for Business 2015

## Configuring and Implementing Conferencing in Skype for Business 2015

Conferencing Features and Modalities  
Integrating Skype for Business 2015 with Office Web Apps Server  
Namespace Planning  
Bandwidth Planning  
Configuring Conferencing Settings  
Lab: Installing and Configuring the Office Web Apps Server  
Lab: Configuring Conferencing in Skype for Business Server 2015

## **Implementing Additional Conferencing Options in Skype for Business Server 2015**

- Conferencing Lifecycle
- Designing and Configuring Audio/Video and Web Conferencing Policies
- Deploying Dial-in Conferencing
- Configuring a Lync Room System
- Configuring Large and Broadcast Meetings
- Lab: Implementing a Conferencing Policy
- Lab: Configuring Additional Conferencing Modalities

## **Designing and Implementing Monitoring and Archiving in Skype for Business 2015**

- Components of the Monitoring Service
- Implementing Archiving
- Designing an Archiving Policy
- Implementing an Archiving Policy
- Implementing Exchange and SharePoint Integration of Archiving
- Lab: Implementing Monitoring
- Lab: Implementing Archiving

## **Deploying Skype for Business 2015 External Access**

- External Access Overview
- Configuring External Access Policies and Security
- Configuring External Access Network and Certificates
- Configuring Reverse Proxy
- Designing Mobility in Skype for Business 2015
- Designing Federation in Skype for Business 2015
- Lab: Designing and Implementing External User Access
- Lab: Installing the Components for External Users

## **Implementing Persistent Chat in Skype for Business 2015**

- Designing Persistent Chat Topology
- Deploying Persistent Chat
- Configuring and Managing Persistent Chat
- Lab: Designing and Deploying Persistent Chat
- Lab: Configuring and Experiencing Persistent Chat

## **Implementing High Availability in Skype for Business 2015**

- Front End Pool Architecture
- Back End Server High Availability
- High Availability for Other Component Servers
- Lab: Designing and Implementing High Availability

## **Implementing Disaster Recovery in Skype for Business 2015**

- Disaster Recovery in Skype for Business
- Implementing Front End Pool Pairing
- Other Approaches to Disaster Recovery in Skype for Business 2015
- Lab: Designing and Implementing Disaster Recovery

## Integrating with Skype for Business 2015 Online

Designing Skype for Business Hybrid  
Deploying Skype for Business Hybrid

## Planning and Implementing an Upgrade to Skype for Business 2015

Overview of Upgrade and Migration Paths  
Performing an In-Place Upgrade  
Lab: Upgrading Lync Server 2013 to Skype for Business 2015

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