



Global Knowledge.

CORE SOLUTIONS OF MICROSOFT SKYPE FOR BUSINESS 2015 (M20334)

Course Code: 3771

Learn to plan, design, deploy, configure, and administer a Skype for Business 2015 solution.

In this course, you will learn to plan, deploy, configure, and administer a Microsoft Skype for Business 2015 solution. You will learn how to deploy a multi-site and highly available Skype for Business infrastructure that supports instant messaging, conferencing, persistent chat, archiving, and monitoring. You'll also learn to manage, maintain, and troubleshoot issues in the infrastructure. While the focus is primarily on the on-premises deployment with Skype for Business, information on how to integrate the on-premises deployment with Skype for Business Online as well as how to migrate from previous versions of Lync Server.

This course incorporates materials from the Official Microsoft Learning Product M20334: Core Solutions of Microsoft Skype for Business 2015 and can assist you in preparation for Exam 70-334: Core Solutions of Skype for Business 2015.

This course is also available in the On-Demand delivery format with digital Microsoft Official Courseware (dMOC). [Click here](#) to purchase.

What You'll Learn

- Administer Skype for Business Server 2015 by using various tools
- Configure users and clients in Skype for Business 2015
- Configure and implement conferencing in Skype for Business 2015
- Implement additional conferencing options such as dial-in conferencing, Microsoft Lync Room System (LRS), and Skype Meeting Broadcast
- Design and implement monitoring and archiving in Skype for Business 2015
- Deploy Skype for Business 2015 external access
- Implement Persistent Chat in Skype for Business 2015
- Implement high availability in Skype for Business 2015
- Implement disaster recovery in Skype for Business 2015
- Design and deploy a hybrid Skype for Business environment
- Plan and implement an upgrade from Lync Server to Skype for Business Server 2015

Who Needs to Attend

IT professionals who are responsible for designing, planning, and maintaining Skype for Business deployment in their organizations

Prerequisites

- 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 and name resolution, including DNS
- Experience working with certificates, including public key infrastructure (PKI) certificates
- Experience working with Windows PowerShell
- Familiarity with Exchange Server and Office 365
- An understanding of data networks and telecommunication standards and components
- Microsoft Windows Client essentials experience with Windows 10



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CLASSROOM LIVE

\$3,095 USD

5 days

Classroom Live Outline

1. Design and Architecture of Skype for Business Server 2015
 - Overview of Skype for Business Components and Features
 - Introduction to the Skype for Business Administrative Tools
2. Installing and Implementing Skype for Business Server 2015
 - Server and Server Dependencies
 - Planning SIP Domains
 - Installing Skype for Business 2015
 - Integrating Skype for Business Server 2015 with Exchange Server and SharePoint Server
3. 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
4. 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 and Server 2015 Settings
 - Managing the Skype for Business Address Book
5. Configuring and Implementing Conferencing in Skype for Business 2015
 - Introduction to Conferencing in Skype for Business 2015
 - Integrating Skype for Business Server and Office Online Server

- Bandwidth Planning
 - Configuring Conferencing Settings
6. 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 (LRS)
 - Configuring Large and Skype Meeting Broadcasts
 7. Designing and Implementing Monitoring and Archiving in Skype for Business 2015
 - Components of the Monitoring Service
 - Implementing Archiving
 - Designing and Implementing an Archiving Policy
 8. 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
 9. Implementing Persistent Chat in Skype for Business 2015
 - Designing Persistent Chat Topology
 - Deploying Persistent Chat
 - Configuring and Managing Persistent Chat
 10. Implementing High Availability in Skype for Business 2015
 - Front End Pool Architecture
 - Back End Server High Availability
 - High Availability for Other Component Servers
 11. 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
 12. Integrating with Skype for Business 2015 Online
 - Overview of Skype for Business Online
 - Preparing for a Hybrid Skype for Business Deployment
 - Configuring a Hybrid Skype for Business Environment
 13. Planning and Implementing an Upgrade to Skype for Business 2015
 - Overview of Upgrade and Migration Paths
 - Performing an In-Place Upgrade to Skype for Business Server 2015

Classroom Live Labs

Lab 1: Designing and Publishing a Skype for Business Server Topology

- Designing and Creating the Topology
- Updating the Topology for the New York Site

Lab 2: Configuring DNS and Simple URLs for Skype for Business Server

- Configuring the Required DNS Records and Simple URLs for Skype for Business Server

Lab 3: Deploying Skype for Business Server

- Installing and Configuring Skype for Business Server
- Installing Skype for Business Server Certificates

Lab 4: Using the Administrative Tools to Manage Skype for Business

- Installing the Skype for Business Administrative Tools on a Windows 10 Client
- Using Skype for Business Server Control Panel
- Using the Skype for Business Server Management Shell

Lab 5: Using the Skype for Business Troubleshooting Tools

- Using Skype for Business Server Management Shell Cmdlets to Create an RBAC Structure
- Using the Centralized Logging Service
- Performing a Network Capture by Using Message Analyzer

Lab 6: Configuring Users and Clients in Skype for Business 2015

- Enabling Users for Skype for Business by Using the Management Shell
- Troubleshooting a User Sign-In Issue

Lab 7: Configuring Policies and the Address Book in Skype for Business Server

- Configuring Client Policies
- Configuring the Address Book

Lab 8: Installing and Configuring Office Online Server

- Installing Office Online Server

Lab 9: Configuring Conferencing in Skype for Business Server

- Configuring, Assigning, and Validating Conferencing Policies

Lab 10: Implementing and Troubleshooting Conferencing Policy

- Creating and Editing Conferencing Policies
- Troubleshooting Conferencing Policies

Lab 11: Configuring Additional Conferencing Modalities

- Deploying Dial-In Conferencing
- Preparing for LRS Deployment

Lab 12: Implementing Monitoring

- Enabling Monitoring Reports

Lab 13: Implementing Archiving

- Enabling Skype for Business Server Archiving to Microsoft Exchange Server 2013

Lab 14: Designing and Implementing External User Access

- Defining the Edge Server in the Topology
- Installing and Configuring the Edge Server

Lab 15: Installing the Components for External Users

- Installing and Configuring Reverse Proxy
- Validate External Messaging

Lab 16: Designing and Deploying Persistent Chat Server

- Configuring the Topology for Persistent Chat Server
- Installing Persistent Chat Server
- Registering a New Add-In

Lab 17: Configuring and Using Persistent Chat

- Configuring Chat Rooms and Policies
- Validating a Persistent Chat Deployment
- Troubleshooting Persistent Chat

Lab 18: Implementing High Availability

- Managing Front End Pools
- Configuring Hardware Load Balancing

Lab 19: Implementing and Performing Disaster Recovery

- Configuring Pool Pairing
- Perform Pool Failover and Failback

Lab 20: Designing a Hybrid Skype for Business Deployment

Lab 21: Performing an In-Place Upgrade of Lync 2013 to Skype for Business

- Install Skype for Business Administrative Tools
- Performing In-Place Upgrade from Lync Server 2013 to Skype for Business Server 2015

Jan 27 - 31, 2020 | 8:30 AM - 4:30 PM | SAN JOSE, CA

Feb 10 - 14, 2020 | 8:30 AM - 4:30 PM | DALLAS, TX

Mar 16 - 20, 2020 | 8:30 AM - 4:30 PM | WASHINGTON, DC



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VIRTUAL CLASSROOM LIVE

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5 days

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4. Configuring Users and Clients in Skype for Business 2015

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Sep 30 - Oct 4, 2019 | 8:30 AM - 4:30 PM EST

Oct 21 - 25, 2019 | 8:30 AM - 4:30 PM EST

Nov 11 - 15, 2019 | 8:30 AM - 4:30 PM EST

Nov 18 - 22, 2019 | 11:30 AM - 7:30 PM EST

Dec 9 - 13, 2019 | 8:30 AM - 4:30 PM EST

Jan 13 - 17, 2020 | 8:30 AM - 4:30 PM EST

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Feb 10 - 14, 2020 | 9:30 AM - 5:30 PM EST

Feb 24 - 28, 2020 | 8:30 AM - 4:30 PM EST

Mar 16 - 20, 2020 | 8:30 AM - 4:30 PM EST

Mar 23 - 27, 2020 | 11:30 AM - 7:30 PM EST



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ON-DEMAND

\$895 USD

90 days

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PRIVATE GROUP TRAINING

5 days

Visit us at www.globalknowledge.com or call us at 1-866-716-6688.

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