

Skype for business for engineers

A 5 day **Hands on** training course



Description

This course provides students with the knowledge and skills that are required to plan, deploy, configure, and administer a Skype for Business solution. Students will learn how to deploy a multi-site and highly available Skype for Business infrastructure, how to manage and maintain the infrastructure and how to troubleshoot issues that might arise. This course focuses primarily on an on-premises Skype for Business deployment.



Key outcomes

By the end of the course delegates will be able to:

- ✓ Install and implement Skype for Business Server .
- ✓ Design and implement monitoring and archiving in Skype for Business.
- ✓ Deploy Skype for Business external access.
- ✓ Implement Persistent Chat, high availability and disaster recovery.



Training Approach

This structured course uses Instructor Led Training to provide the best possible learning experience. Small class sizes ensure students benefit from our engaging and interactive style of teaching with delegates encouraged to ask questions throughout the course. Quizzes follow each major section allowing checking of learning. Hands on sessions are used throughout to allow delegates to consolidate their new skills.



Details

Who will benefit?

Information technology professionals who are responsible for the Skype for Business deployment.

Prerequisites

Supporting windows server 2012.
Definitive DNS for engineers.

Duration: 5 days

Overall rating:



Generic Training



Generic training compliments product specific courses covering the complete picture of all relevant devices including the protocols "on the wire".

"Friendly environment with expert teaching that teaches the why before the how."
G.C. Fasthosts

Small Class Sizes



We limit our maximum class size to 8 delegates; often we have less than this. This ensures optimal interactivity between delegates and instructor.

"Excellent course. The small class size was a great benefit..."
M.B. IBM

Hands On Training



The majority of our courses use hands on sessions to reinforce the theory.

"Not many courses have practice added to it. Normally just the theoretical stuff is covered."
J.W. Vodafone

Our Courseware



We write our own courses; courseware does not just consist of slides and our slides are diagrams not bullet point text.

"Comprehensive materials that made the course easy to follow and will be used as a reference point."
V.B. Rockwell Collins

Customise Your Course



Please contact us if you would like a course to be customised to meet your specific requirements. Have the course your way.

"I was very impressed by the combination of practical and theory. Very informative. Friendly approachable environment, lots of hands on."
S.R. Qinetiq

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Course Content

Design & Architecture

Overview of Skype for Business Components and Features, Introduction to the Skype for Business Administrative Tools.

Installing & Implementing Skype for Business Server

Server and Service Dependencies, Planning SIP Domains, Installing Skype for Business Server, Integrating Skype for Business Server with Exchange Server and SharePoint Server, Configuring the Required DNS Records and Simple URLs for Skype for Business Server, Installing and Configuring Skype for Business Server, Installing Skype for Business Server Certificates.

Administering Skype for Business Server

Using Skype for Business Server Control Panel, Using the Skype for Business Server Management Shell, Implementing Role-Based Access Control, Using Test Cmdlets, Tools for Troubleshooting Skype for Business, Using Skype for Business Server Control Panel, Using the Skype for Business Server Management Shell, 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.

Configuring Users & Clients in Skype for Business

Configuring Users, Deploying the Skype for Business Client, Registration, Sign-In, and Authentication Configuring Skype for Business Client Policies, Managing the Skype for Business Address Book,

Configuring & Implementing Conferencing

Introduction to Conferencing in Skype for Business Integrating Skype for Business Server and Office Online Server, Bandwidth Planning, Configuring Conferencing Settings.

Implementing Additional Conferencing Options

Overview of the Conferencing Lifecycle, Designing and Configuring Audio/Video and Web Conferencing Policies, Deploying Dial-In Conferencing, Configuring an LRS, Configuring Large Meetings and Skype Meeting Broadcasts, Creating and Editing Conferencing Policies, Troubleshooting Conferencing Policies, Deploying Dial-In Conferencing, Preparing for LRS Deployment.

Designing & Implementing Monitoring & Archiving

Components of the Monitoring Service, Overview of Archiving, Designing an Archiving Policy, Implementing

Archiving, Enabling Monitoring Reports, Enabling Skype for Business Server Archiving to Microsoft Exchange Server 2013.

Deploying Skype for Business External Access

Overview of External Access, Configuring External Access Policies and Security, Configuring External Access Network and Certificates, Configuring Reverse Proxy, Designing Mobility in Skype for Business Server, Designing Federation in Skype for Business Server, Defining the Edge Server in the Topology, Installing and Configuring the Edge Server, Installing and Configuring Reverse Proxy, Validate External Messaging.

Implementing Persistent Chat in Skype for Business

Designing a Persistent Chat Server Topology, Deploying Persistent Chat Server, Configuring and Managing Persistent Chat, Configuring the Topology for Persistent Chat Server, Installing Persistent Chat Server, Registering a New Add-In, Configuring Chat Rooms and Policies, Validating a Persistent Chat Deployment, Troubleshooting Persistent Chat.

Implementing High Availability

Planning for Front End Pool High Availability, Planning for Back End Server High Availability, High Availability for Other Component Servers, Managing Front End Pools, Configuring Hardware Load Balancing.

Implementing Disaster Recovery

Disaster Recovery Options in Skype for Business Server Implementing Disaster Recovery in Skype for Business Server, Additional Disaster Recovery Options in Skype for Business Server, Perform Pool Failover and Failback.

Integrating with Skype for Business Online

Overview of Skype for Business Online Preparing for a Hybrid Skype for Business Deployment Configuring a Hybrid Skype for Business Environment Designing the Hybrid Skype for Business Environment

Planning & Implementing an Upgrade to Skype for Business Server

Overview of Upgrade and Migration Paths Migrating to Skype for Business, In-Place Upgrade to Skype for Business Server, Install Skype for Business Administrative Tools, Performing In-Place Upgrade from Lync Server 2013 to Skype for Business Server.

