

40409 Deploying Voice Workloads for Skype for Business Online and Server 2015

Prehľad

This course will provide students with the knowledge and skills to configure and manage Cloud PBX with PSTN Calling, Cloud PBX with On-Premises PSTN Connectivity, Cloud Connector Edition, and on-premises Enterprise Voice.

Vzdelávacie ciele

At course completion, students will be able to:

- Describe the various voice workloads available with Skype for Business Online and Skype for Business Server 2015.
- Assess a network in preparation for a Skype for Business Server 2015 or Skype for Business Online voice solution.
- Deploy and configure a Skype for Business voice solution that combines Skype for Business Online and Skype for Business Enterprise Voice.
- Deploy and configure Cloud PBX with PSTN Calling.
- Configure on-premises Enterprise Voice functionality.
- Deploy and configure Cloud PBX with On-Premises PSTN Connectivity.
- Integrate Skype for Business Server 2015 with non-Microsoft voice infrastructures.
- Plan for and deploy Cloud Connector Edition.
- Configure features that extend Skype for Business Enterprise Voice (on-premises) functionality, such as Location Information Servers and Response Groups.
- Optimize voice communications on a TCP/IP network.
- Use Call Quality Methodology and Skype for Business Server 2015 monitoring tools and reports.
- Troubleshoot Skype for Business Online and Skype for Business Server 2015 Enterprise Voice (on-premises) voice communications.

Introduction to Voice Workloads

Voice Overview
 Designing Voice Workloads
 Skype for Business Ecosystem
 SIP Basics and Routing
 Lab : Customizing Your Lab Environment

Assess Network and Voice Deployment Options

Network Planning and Assessment
 Skype for Business Features and Functionality
 Plan your Cloud PBX Solution
 Lab : Configuring Identity Federation with Office 365

Split Domain Configuration

Split Domain Overview
 Split Domain Requirements
 Split Domain Deployments
 User Provisions and Migration
 Troubleshooting Split Domain Related Issues
 Lab : Setting up Split Domain with Skype for Business Online

[Online registrácia](#)

Termíny

Trvanie kurzu (v dňoch): 5 Days

G2R = "Garantovaný termín" OLL = "Online LIVE" ILT = "Kurz vedený inštruktorom"					
06/24/19	G2R	3:00PM - 11:00PM	Bratislava, Slovakia	OLL	€ 1425.00
09/23/19	G2R	3:00PM - 11:00PM	Bratislava, Slovakia	OLL	€ 1425.00
01/06/20	G2R	3:00PM - 11:00PM	Bratislava, Slovakia	OLL	€ 1425.00

Cloud PBX with PSTN Calling and Conferencing

Cloud PBX with PSTN Calling Features
PSTN Conferencing and Meeting Features
Skype for Business Server 2015 Dial-in Conferencing
Lab : Configuring Cloud PBX with PSTN Calling

Enterprise Voice (On-Premises)

Designing Enterprise Voice
Configuring Enterprise Voice
Voice Routing
Assigning Phone Numbers
Client Configuration
Unified Messaging
Lab : Configuring Enterprise Voice

PSTN Connectivity

Connecting to the PSTN
Connecting to the Existing PBX
M:N Interworking Routing
Call Routing Reliability
Call via Work
Shared Line Appearance
IP Phones
Room Systems
Mobile
Lab : Configuring Integration with an IP-PBX

Cloud PBX with On-Premises PSTN Connectivity using an Existing Deployment

Call Flows and Manageability
Lab : Call Flows and Manageability

Cloud PBX with On-Premises PSTN Connectivity using Cloud Connector Edition

Introduction to Cloud Connector Edition
Planning PSTN Connectivity via Cloud Connector Edition
Deploying Cloud Connector Edition
Lab : Deploying Cloud Connector Edition

Enhanced Calling Features and Device Requirements

Call Park Service
Managing Calls to Unassigned Numbers
Delegation and Private Lines
Response Group Services
Location Information Services and E9-1-1
Lab: Configuring Response Groups
Lab : Configuring Location Information Services and Managing Devices

Network Requirements

Media Stacks
Traffic Modeling
Quality of Service
Software-Defined Networking
Overview of Call Admission Control
Implementing Call Admission Control
Software-Defined Networking
Lab : Managing Voice Quality

Monitoring and Maintaining Voice Quality

Call Quality Methodology
Call Quality Dashboard
Monitoring Tools
Usage Reports and Monitoring
Lab : Deploying Call Quality Dashboard, Analyzing Reports, and Capturing KHI

Voice Troubleshooting

Troubleshooting Call Quality
Troubleshooting Scenarios
Troubleshooting Skype for Business Online Voice
Troubleshooting IP Phones
Lab : Troubleshoot Dial Plans, Routing, and Trunks
