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#1 Online Certification Guide

70-333

MCSE Productivity

A Success Guide to Prepare-
Deploying Enterprise Voice with Skype for Business 2015

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Introduction to 70-333 Exam on Deploying Enterprise Voice with Skype for Business 2015

Use this quick start guide to collect all the information about Microsoft Deploying Enterprise Voice with Skype for Business 2015 (70-333) Certification exam. This study guide provides a list of objectives and resources that will help you prepare for items on the 70-333 Deploying Enterprise Voice with Skype for Business 2015 exam. The Sample Questions will help you identify the type and difficulty level of the questions and the Practice Exams will make you familiar with the format and environment of an exam. You should refer this guide carefully before attempting your actual Microsoft MCSE Productivity certification exam.

The Microsoft Deploying Enterprise Voice with Skype for Business 2015 certification is mainly targeted to those candidates who want to build their career in Skype for Business domain. The Microsoft Certified Solutions Expert (MCSE) - Productivity exam verifies that the candidate possesses the fundamental knowledge and proven skills in the area of Microsoft MCSE Productivity.

Microsoft 70-333 Certification Details:

Exam Name	Microsoft Certified Solutions Expert (MCSE) - Productivity
Exam Code	70-333
Exam Price	$165 (USD)
Duration	120 min
Number of Questions	45-55
Passing Score	700 / 1000
Books / Training	40409: Deploying Voice Workloads for Skype for Business Online and Server 2015 (five days)
Schedule Exam	Pearson VUE
Sample Questions	Microsoft Deploying Enterprise Voice with Skype for Business 2015 Sample Questions
Practice Exam	**Microsoft 70-333 Certification Practice Exam**

Microsoft 70-333 Exam Syllabus:

Topic	Details	Weights
Plan and design Skype for Business with Enterprise Voice	Design Enterprise Voice topology - Design mediation server collocation or placement, gateways, trunks, voice resiliency, mediation server dependencies, voice usage and traffic, DNS, and phone configuration Design call routing and Public Switched Telephone Network (PSTN) connectivity - Design dial plans, routes, including location-based routing, normalization, voice policies, basic emergency dialing and notification, PSTN usage, and trunk configuration; design for call via work; define SIP trunk capacity requirements; design multiple media gateway support, trunk configuration; define outbound translation rules, inbound dial plan; qualify technology options from UCOIP Design voice applications - Design call park, Response Group, delegation model, Response Group workflows; design private line and vacant number announcements Design unified messaging (UM) - Design UM dial plans, normalization rules, UM auto-attendant, subscriber access, UM outbound dialing, and UM placement and capacity for on-premises and online Plan for network readiness and optimization - Assess network requirements including Multiprotocol Label Switching (MPLS), virtual private network (VPN), multiple MPLS providers including ExpressRoute providers, asymmetric links, point-to-point wireless, internal NAT, TCP vs. UDP, and signaling vs. media traffic; plan for optimal conferencing traffic, capacity, Edge placement, assess QoS readiness including traffic policing and traffic shaping impact on RTC, DSCP, port based, scavenger class, best effort traffic class, and separate/converged networks; estimate network usage; analyze media scenarios for conference, peer-to-peer, PSTN, and capture traces for max jitter, average jitter, peak consecutive packet loss, average packet loss, and one-way network delay	30-35%

Topic	Details	Weights
	Design network services for Enterprise Voice - Design Location Information Services (LIS) and Call Admission Control (CAC); plan for Media Bypass; design for QoS including port requirements for internal and external services; design and forecast network needs for sizing ExpressRoute Model and analyze Skype for Business traffic per site - Predict and calculate service needs and growth, compare how different personas impact network requirements, and calibrate usage models based on customer usage and business requirements, including web, audio and video conferencing, PSTN, and peer-to peer calls; adjust business requirements, adjust network components (topology, capacity), and limit traffic volume or modify solution design; calculate traffic volume by using the Skype for Business bandwidth calculator for branch traffic, central site traffic, and remote user traffic Analyze policies and historical data network usage - Analyze Service Level Agreements (SLAs) on network infrastructure, analyze impact of security policies, including firewalls, VPN tunnels, remote access, Direct Access, NAT, and Private VLANs, and assess appropriateness of current QoS policies for Skype for Business, average usage, peak usage, average drop, and peak packet loss; analyze historical call quality data; analyze bandwidth requirements for Skype for Business Online Plan and analyze simulation traffic results, and make recommendations - Design site traffic generator endpoint placement/location, design site traffic generator transaction path, and design site traffic generator transaction volume per path; interpret baseline network characteristics and any variations, analyze simulation results in the context of a network (topology, QoS); recommend network reconfigurations, recommend modifications for QoS approach, and explain impact of observed	

Topic	Details	Weights
	network characteristics, including latency, packet loss, jitter, and bandwidth usage	
Deploy and configure Enterprise Voice	Configure network services for Enterprise Voice - Configure Location Information Services (LIS), Call Admission Control (CAC) for voice, Call Admission Control (CAC) for video, DHCP for phone edition, QOS, and media bypass; configure ExpressRoute for Office 365 Configure voice applications - Configure call park, Response Group workflows, Response Group queues, private line, and vacant number announcements, configure delegation; configure and enable PSTN Conferencing with ACP, Cloud PBX, PSTN Calling, Hybrid Voice infrastructure; port phone numbers to Microsoft as the carrier; configure users with cloud phone numbers Configure call routing - Configure dial plans, routes, and trunks; apply voice policies, PSTN usages, and emergency dialing; call via work Configure unified messaging (UM) for Skype for Business and Cloud Voicemail - Configure UM dial plans, the normalization rules, UM auto-attendant, subscriber access, and call answering rules; configure DNS records; configure Edge Server for integration with Office 365; manage and assign Hosted Voice Mail policies; enable users for Hosted Voice Mail; create Contact Objects for Hosted Voice Mail; configure Skype for Business Online Enterprise Voice users to have Cloud Voicemail Configure Enterprise Voice client features - Configure delegation, simultaneous ring, team calling, and group call pickup, shared line appearance, call via work	30-35%
Manage and troubleshoot Enterprise Voice	Troubleshoot call setup and teardown - Troubleshoot Skype for Business Server and Skype for Business Online internal phone calls (PC to PC), external phone calls (PC to Public Switched Telephone Network [PSTN]), inbound	30-35%

Topic	Details	Weights
	and outbound routing, network configuration, and internal and external clients; call via work Troubleshoot Enterprise Voice quality issues - Analyze Call Detail Recording/ Quality of Experience (CDR/QOE) logs, analyze call flow by using Snooper, analyze call data quality using call quality methodology (CQM), troubleshoot third-party devices, QOS, and network bandwidth; analyze rate my call results; analyze and troubleshoot issues with Skype for Business Online Enterprise Voice users Troubleshoot Enterprise Voice configuration - Analyze dial plans (normalization, translation), analyze session management (trunk routing); analyze policies, routes, and usages; troubleshoot external connectivity (gateways, SBA, PBX, SBC, PSTN) and media bypass; call admission control (CAC); call via work; troubleshoot delegation, simultaneous ring, team calling, and group call pickup; number porting Troubleshoot and analyze Enterprise Voice applications - Troubleshoot call park, Response Groups, unassigned numbers, Exchange voicemail, and LIS and emergency calling implementation Troubleshoot universal communications (UC) devices and peripherals - Troubleshoot device update issues, device connectivity issues (LPE + 3PIP), PIN authentication issues, peripherals, and VDI plug-in device pairing Monitor and manage Skype for Business - Monitor call quality dashboard, monitoring server reports, QoE, synthetic transactions, and server health; monitor Rate My Call results	

70-333 Sample Questions:

01. Tailspin Toys deploys Skype for Business Enterprise Voice. Tailspin Toys executives must be able to call each other directly at any time irrespective of their presence status. You need to configure the Enterprise Voice solution. What should you do?

a) Set the value of the privacy relationship setting for each executive team contact to the value Workgroup.

b) Set the value of the simultaneous ring setting for all executives to Ring my delegates after 10 seconds.

c) Set the value of the simultaneous ring setting for all executives to Ring my team call group. Add all of the members of the leadership team to the team call group.

d) Create a private telephone line for each executive and implement Call Via Work.

02. Reference Scenario: click here

You need to allocate the current average amount of bandwidth that is required for peer-to- peer (P2P) voice calls for all three sites. How much bandwidth in kilobits per second (Kbps) should you allocate?

a) 36,960 Kbps

b) 51,150 Kbps

c) 80,025 Kbps

d) 135,795 Kbps

03. Your company has a Skype for Business Server 2015 infrastructure. You need to ensure that users can answer calls placed to other users by using the Group Call Pickup feature. Which Skype for Business Management Shell cmdlet should you run?

a) New-CsDialPlan

b) New-CsRoutingConfiguration

c) New-CsCallParkOrbit

d) New-CsVoiceRoutingPolicy

04. Reference Scenario: click here

You need to recommend a solution that will improve voice quality for Skype for Business clients. What should you recommend?

a) Change the Voice802lp value to 46.

b) Ensure that VoiceDiffservtag values are set to 46 for all Skype for Business Phone Edition devices at all sites.

c) Configure an Audio and Video Quality of Service (QoS) to use a DSCP value of 40 and a port range of 57501:65535.

d) Configure a Domain Group Policy object (GPO) configuring Quality of Service (QoS) and set it to Enforced for all Windows 7 clients.

05. Tailspin Toys deploys a Skype for Business Enterprise Voice environment that has two paired pools. The pools are located in Sydney and Singapore for high availability (HA). You must collect user opinions about the quality of audio calls. You must survey 60% of the calls for feedback. You need to configure end users ratings for the audio calls. What should you do?

a) Use SQL Management studio to run the SQL query [QoeMetrics].[dbo].[CallQualityFeedbackTokenDef].

b) Deploy Call Quality Dashboard (CQD) to see the Rate My Call reports.

c) Configure Rate My Call percentage to 60% and deploy Call Quality Dashboard (CQD) to see the reports.

d) Use SQL Management studio to run the SQL query [QoeMetrics].[dbo].[CallQualityFeedbackToken].

06. You create a topology that includes Enterprise Voice. You configure the system to play a message when unassigned numbers are dialed. You need to add the voice announcements. Which two file formats can you use?

Each Answer: presents a complete solution.

a) WAVE Audio file (*.WAV).

b) Windows Media Audio File (*.WMA)

c) MPEG-4 Audio File (*.M4A)

d) MPEG-2 Audio File (*.MPA)

e) MP3 Audio File (*.MP3)

07. You deploy Skype for Business and Exchange 2013 for your company. You currently use them for both Enterprise Voice and Unified Messaging (UM). Your company also uses System Center Operations Manager. You need to provide end-to-end monitoring of Skype for Business and Exchange 2013 including monitoring UM connectivity. What should you do?

a) Configure one of the Skype for Business Front End servers to use default synthetic transactions.

b) Deploy a new computer and configure it to use default synthetic transactions.

c) Deploy a new computer and configure it to use non-default synthetic transactions.

d) Configure one of the Skype for Business Front End servers to use non-default synthetic transactions.

08. Reference Scenario: click here

You need to solve the Enterprise Voice issue experienced by Sydney users. Which normalization rule should you use for mobile numbers?

a) ^0[45]\((d8))$

b) ^0([45]\d{6})$

c) ^0[45]\d({8})$

d) ^0([45]\d{8})$

09. You have a Skype for Business Server 2015 infrastructure and a Microsoft Exchange Server 2013 organization. Unified Messaging (UM) integration is enabled. You need to prevent the use of call answering rules. Which Skype for Business Management Shell cmdlet should you run?

a) Set-CSVoicePolicy

b) Remove-UMCallAnsweringRule

c) Set-CSDialPlan

d) Set-UMDialPlan

10. Reference Scenario: click here

You need to implement the Mediation services solution. What should you do?

a) Use a collocated Mediation server on the existing Front End Servers in Melbourne and Singapore.

b) Deploy a new stand-alone Mediation server pool in Melbourne and Singapore.

c) Deploy a dedicated Mediation server pool at each site.

d) Deploy a Survivable Branch appliance at each site.

Answers to 70-333 Exam Questions:

Question: 01 Answer: a	Question: 02 Answer: b	Question: 03 Answer: c	Question: 04 Answer: b	Question: 05 Answer: b
Question: 06 Answer: a, b	Question: 07 Answer: c	Question: 08 Answer: d	Question: 09 Answer: d	Question: 10 Answer: a

Note: If you find any typo or data entry error in these sample questions, we request you to update us by commenting on this page or write an email on feedback@edusum.com