Exam Questions 70-333
Deploying Enterprise Voice with Skype for Business 2015
NEW QUESTION 1
You need to configure the unassigned numbers range to support the planned changes. Which four actions should you perform?
To answer, move the four appropriate actions from the list of actions to the answer area and arrange them in the correct order.

<table>
<thead>
<tr>
<th>Actions</th>
<th>Answer Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Run the Import-CsAnnouncementFile</td>
<td></td>
</tr>
<tr>
<td>Skype for Business Management Shell cmdlet.</td>
<td></td>
</tr>
<tr>
<td>Run the New-CsAnnouncement</td>
<td></td>
</tr>
<tr>
<td>Skype for Business Management Shell cmdlet.</td>
<td></td>
</tr>
<tr>
<td>Create an .mp3 file that contains the announcement.</td>
<td></td>
</tr>
<tr>
<td>Create an unassigned number range.</td>
<td></td>
</tr>
<tr>
<td>Run the Set-CsApplicationServer</td>
<td></td>
</tr>
<tr>
<td>Skype for Business Management Shell cmdlet.</td>
<td></td>
</tr>
<tr>
<td>Create a .wav file that contains the announcement.</td>
<td></td>
</tr>
</tbody>
</table>

Answer:

Explanation:
NEW QUESTION 2
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

Answer: B

NEW QUESTION 3
You need to prepare the Quality of Service (QoS) policy for the Skype for Business environment. Which values should you use for each configuration? To answer, drag the appropriate value or values to the correct configuration or configurations in the answer area. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content. Each correct set of answers is worth one point.

Configure a Group Policy object (GPO) for Skype for Business audio and apply it to the organizational unit that contains the Skype for Business 2015 servers, and then configure a port range of _______.

... and a differentiated services code point (DSCP) value of _______.

Configure a Group Policy object (GPO) for Skype for Business video and apply it to the organizational unit that contains the Skype for Business 2015 servers, and then configure a port range of _______.

... and a differentiated services code point (DSCP) value of _______.

Answer:
Explaination:

<table>
<thead>
<tr>
<th>Values</th>
<th>Answer Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>49152.5332</td>
<td>49152.53326</td>
</tr>
<tr>
<td>49152.53326</td>
<td>46</td>
</tr>
<tr>
<td>57501.6535</td>
<td>57501.65156</td>
</tr>
<tr>
<td>57501.5815</td>
<td>34</td>
</tr>
<tr>
<td>32</td>
<td>48</td>
</tr>
<tr>
<td>34</td>
<td>40</td>
</tr>
</tbody>
</table>

Topic 4, Trey Research

Trey Research is a global marketing research organization that has a main office in Moscow and branch offices in Los Angeles, London, Berlin, Copenhagen, and Jakarta.

The number of users per office is shown below:

<table>
<thead>
<tr>
<th>Sites</th>
<th>Number of users</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moscow</td>
<td>14,000</td>
</tr>
<tr>
<td>London</td>
<td>5,000</td>
</tr>
<tr>
<td>Jakarta</td>
<td>3,000</td>
</tr>
<tr>
<td>Copenhagen</td>
<td>500</td>
</tr>
<tr>
<td>Berlin</td>
<td>7,000</td>
</tr>
</tbody>
</table>

The company has existing IP-PBX systems that are reaching end of life. They use an automatic call distribution (ACD) system for their help desk. This system provides interactive voice response options to users so that they can choose the location for support. This system is also reaching end of life.

The Copenhagen office uses a call group pickup solution that runs on an existing IP-PBX system. All users with the exception of users in Copenhagen have Direct Inward Dialing (DID) numbers.

Trey Research has Skype for Business Enterprise pools in the Moscow, London, and Berlin offices, respectively. They run a Unified Communications Managed API (UCMA) based application in a trusted application pool.

Two users who recently joined the company in the finance department report that they are not able to use the Aries phone even when tethering the phone to their PC.

Executives conduct global town hall meetings each quarter. Each meeting occurs in a different office. Employees attend the global town hall meetings in meeting rooms which are equipped with full high definition (HD) screens for video. Ten percent of the employees attend the audio portion of the global town hall meetings from their desk.

Trey Research plans to implement Skype for Business Enterprise Voice across the company to replace the existing IP-PBX systems.

You have the following requirements:

- You must reduce international long distance calling costs, and lower support and administration costs for the IP-PBX and ACD solutions.
- You must implement voice survivability for all the sites in case of a wide area network (WAN) link failure. Germany experiences high public switched telephone network (PSTN) call volume. All calls for Germany must breakout from Berlin in the event of Mediation Server pool failure in Berlin.
- Existing gateways do not support the REFER method. You must use the existing gateways with Skype for Business to provide PSTN connectivity. Where possible, you must optimize media paths.
- All calls placed to Russia from any office must route through the Moscow gateways.
- In the event of a failure of both gateways at any office, all international calls from that office must route through the Moscow gateways.
- The solution must be resilient to the failure of mediation server pools.
- All PSTN calls to Germany must use Berlin gateways in the event of Mediation Server pool failure in Berlin. The maximum concurrent peer-to-peer connections between Moscow and Berlin will be 196.
- Response groups must be managed by dedicated response group administrators.

You must use the following typical bandwidth values to determine the bandwidth requirements in kilobits per second (Kbps) for the solution:

Video resolution bandwidth:
Audio codec bandwidth:

<table>
<thead>
<tr>
<th>Codec</th>
<th>Typical</th>
<th>Maximum without FEC</th>
<th>Maximum with FEC</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIP / IM / Presence</td>
<td>1.6</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Siren</td>
<td>25.5</td>
<td>52.6</td>
<td>68.6</td>
</tr>
<tr>
<td>G711</td>
<td>64.8</td>
<td>97</td>
<td>161</td>
</tr>
<tr>
<td>RTAudio Wideband</td>
<td>39.8</td>
<td>62</td>
<td>91</td>
</tr>
<tr>
<td>G722 STEREO</td>
<td>73.1</td>
<td>159.6</td>
<td>223.6</td>
</tr>
<tr>
<td>G722</td>
<td>46.1</td>
<td>100.6</td>
<td>164.6</td>
</tr>
<tr>
<td>RTAudio Narrowband</td>
<td>29.3</td>
<td>44.8</td>
<td>56.6</td>
</tr>
<tr>
<td>SILK Wideband</td>
<td>44.3</td>
<td>69</td>
<td>105</td>
</tr>
</tbody>
</table>

You test the Enterprise Voice solution with users in the Copenhagen office. During testing, users reported audio call issues related to the Call Admission Control (CAC) configuration. The relevant portion of the current configuration is shown in the Table below:

<table>
<thead>
<tr>
<th>Region</th>
<th>Central Site</th>
<th>Sites in Region</th>
</tr>
</thead>
<tbody>
<tr>
<td>MPLS</td>
<td>Moscow</td>
<td>Berlin, Copenhagen</td>
</tr>
</tbody>
</table>

You create the following policies:

<table>
<thead>
<tr>
<th>Bandwidth Policy</th>
<th>Audio Bandwidth Session Limit (Kbps)</th>
<th>Audio Bandwidth Limit (Kbps)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOW</td>
<td>75</td>
<td>1000</td>
</tr>
<tr>
<td>HIGH</td>
<td>150</td>
<td>2000</td>
</tr>
</tbody>
</table>

**NEW QUESTION 4**

You need to plan a solution to allow masking of a calling number. How can a calling number of a Skype for Business user be changed to match the main number of the company?

A. Create a new normalization rule and add it to the global dial plan.
B. Use the Skype for Business control panel to mask the calling number.
C. Create a trunk translation rule that masks the called number.
D. Use the voice gateway to mask the called number.

**Answer:** A
What should you do?

A. Enable the bandwidth policy override feature in the user level voice policy.
B. Enable the bandwidth policy override feature in the user level client policy.
C. Enable the bandwidth policy override feature in the machine level group policy object.
D. Enable the bandwidth policy override feature in the user level group policy object.

Answer: A

NEW QUESTION 6
You need to modify the relevant portion of the Persona configuration in the Skype for Business Bandwidth Calculator to estimate the planned volume of Skype for Business traffic for the Contoso office in Vancouver.

In the Skype for Business Bandwidth Calculator, which options should you select? To answer, select the appropriate value in each drop-down list in the Skype for Business Calculator. (Note: The drop-down lists are in the Persona Definitions section.)

Answer:

Explanation:

NEW QUESTION 7
You deploy Skype for Business for a company that has three office locations. The locations and total number of users per location are shown below:

<table>
<thead>
<tr>
<th>Office Location</th>
<th>Total number of users</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boston</td>
<td>2,000</td>
</tr>
<tr>
<td>Chicago</td>
<td>1,500</td>
</tr>
<tr>
<td>New York</td>
<td>4,000</td>
</tr>
</tbody>
</table>

You must deploy Enterprise Voice. You have the following requirements:
- All New York and Boston users that have IP PBX phones must be able to call each other without using the public switched telephone network (PSTN).
- Audio and video conferencing quality must be improved between the New York and Chicago offices. You need to ensure that Enterprise Voice is deployed correctly.

How many of each component or server should you deploy? To answer, select the appropriate number for each component or server in the answer area.
**NEW QUESTION 8**

You have a Skype for Business Server 2015 infrastructure. You have a Virtual Desktop Infrastructure (VDI) that uses Hyper-V. You use VDI templates based on Windows 8.1. All thin clients run Windows 8.1. Each thin client has a Skype for Business-qualified headset.
You need to prepare all of the thin clients and all of the VDI templates so that users can place calls by using the headset. Which components should you install on the thin clients and the VDI templates? To answer, drag the appropriate components to the correct location in the answer area. Each component may be used once, more than once, or not at all. Additionally, you may need to drag the split bar between panes or scroll to view content. Each correct answer is worth one point.

**Answer:**

**Explanation:** References:

**NEW QUESTION 9**

You support a customer’s Skype for Business Server 2015 environment. Your customer has granted User1 Conferencing Policy A, and User 2 Conferencing Policy B.

When User2 joins a video conference that is hosted by User1, User2 sees only a single video window. Other users who are joined to the same conference see up to five concurrent video streams.

You need to configure the environment to allow User2 to view multiple concurrent video streams. You need to achieve the goal with the fewest changes to the environment.

Which Skype for Business Management Shell command should you run?

A. Set-CSClientPolicy –EnableFullScreenVideo $True
C. Get-CSConferencingPolicy –Identity ‘Conferencing Policy B’ | Set-CSConferencingPolicy–AllowMultiView $True
D. Set-CSClientPolicy –EnableMediaRedirection $True

**Answer:** B

**Explanation:** References:

**NEW QUESTION 10**

You have a Skype for Business Server 2015 infrastructure.
You have one Enterprise Edition pool named pool1.contoso.com. Enterprise Voice is enabled for all users.
You have a public switched telephone network (PSTN) gateway named mg1.contoso.com that does not support secure signaling. The Encryption support level of the global trunk configuration is set to Not Supported.
You add a second PSTN gateway named mg2.contoso.com. The SIP General parameters for mg2.contoso.com are configured as shown in the following table.

<table>
<thead>
<tr>
<th>Setting</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIP Transport Type</td>
<td>TLS</td>
</tr>
<tr>
<td>SIP UDP Local Port</td>
<td>5,060</td>
</tr>
<tr>
<td>SIP TCP Local Port</td>
<td>5,060</td>
</tr>
<tr>
<td>SIP TLS Local Port</td>
<td>5,067</td>
</tr>
<tr>
<td>Enable SIPS</td>
<td>Disable</td>
</tr>
</tbody>
</table>

On mg2.contoso.com, you generate and install a certificate from an internal certification authority (CA).
You need to ensure that Skype for Business Server 2015 can use both PSTN gateways to make calls on the PSTN.
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.
NEW QUESTION 11
You have a Microsoft Exchange Server 2013 organization and a Skype for Business Server 2015 infrastructure. You need to design a Unified Messaging (UM) solution to meet the following requirements: Support a peak concurrency of 500 calls. Connect to two Skype for Business Server 2015 pools. What is the minimum number of mailbox servers that are required?

A. 1
B. 2
C. 3
D. 5

Answer: C


NEW QUESTION 12
WingTip Toys is in the process of completing a rollout of Skype for Business Server 2015 Enterprise Voice. They want to provide voice mail capabilities to all users.
The information below was provided to facilitate the design of Exchange Online Unified Messaging (UM) implementation.

Use the drop-down menus to select the answer choice that answers each question. Each correct answer is worth one point.
NEW QUESTION 13
You support a Microsoft Skype for Business Server 2015 on-premises environment that includes the following:
The environment supports 10,000 users and runs in High Availability mode.
Some users report that they are unable to make outbound calls to specific public switched telephone network (PSTN) numbers. When they attempt to do so, the call appears to be connected but then drops with a fast busy tone, and then they receive the following error message: “Due to network error your call cannot be completed at this time. Please try your call again.”
You need to troubleshoot the issue.
Which centralized logging scenario should you use?

A. LYSSAndUCS
B. HybridVoice
C. MediaConnectivity
D. IncomingAndOutgoingCall

Answer: D

NEW QUESTION 14
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