Microsoft 74-322

Microsoft Lync Server 2010-Advanced Design and Deployment

Version: 4.0

QUESTION NO: 1

A customer configured the voice routing components:

Voice Routes:

Name	Pattern To Match	GW
Route1	^((\+1425)|(\+1206))	PstnGateway:10.0.0.10
Route2	^((\+1416)|(\+1905))	PstnGateway:10.0.0.20
Route3	^\+1519	PstnGateway:10.0.0.30
Route4	^\+1^\+1	PstnGateway:10.0.0.40

PSTN Usages:

Name	Routes
Usage1	Route1, Route2
Usage2	Route3
Usage3	Route2,Route3
Usage4	Route4

Voice Policies:

Name	Usages	Scope
Policy1	Usage1, Usage2, Usage4	User
Policy2	Usage1	User
Policy3	Usage3	User
Main	Usage1, Usage2	Site

User1 is enabled for Lync and Enterprise Voice and is configured as follows:

- Homed on PoolA which is located in a Lync site named Main.
- Voice Policy has been set to automatic.

Which set of phone numbers can User1 contact?

A. +14255550100, +14165550100, +18055550100
B. +14165550100, +19055550100, +14255550100
C. +19055550100, +14165550100, +18055550100
D. +15195550100, +12065550101, +14265550100

Answer: B

Explanation:

QUESTION NO: 2

A company created a Microsoft Lync Dial plan that is not performing as expected. Users report they are unable to retrieve parked calls from the orbit range of 2000-2099.

The relevant rules are:

Name	Pattern	Translation
9xxx Extensions	^(9\d*)$	+1425555$1
2xxx Extensions	^(2\d*)$	+14255551111;ext=$1
Call Park	^(2\d{2})$	$1

Which changes will solve the reported problem without disrupting internal extension dialing?

A.

Name	Pattern	Translation
9xxx Extensions	^(9\d*)$	+1425555$1
2xxx Extensions	^(2\d*)$	+14255551111;ext=$1
Call Park	^(20\d{2})$	$1

B.

Name	Pattern	Translation
Call Park	^(2\d{3})$	$1
9xxx Extensions	^(9\d*)$	+1425555$1
2xxx Extensions	^(2\d*)$	+14255551111;ext=$1

C.

Name	Pattern	Translation
Call Park	^(20\d{2})$	$1
9xxx Extensions	^(9\d{3})$	+1425555$1
2xxx Extensions	^(2\d{3})$	+14255551111;ext=$1

D.

Name	Pattern	Translation
9xxx Extensions	^(9\d*)$	+1425555$1
Call Park	^(2\d{3})$	$1
2xxx Extensions	^(2\d*)$	+14255551111;ext=$1

A. Option A
B. Option B
C. Option C
D. Option D

Answer: C

Explanation:

QUESTION NO: 3

A customer has four digit internal extensions that should be translated as displayed in the table.

Digits Dialed	Translated Number
7000 to 7999	+14255557000 to +14255557999

Which normalization rule will provide the desired expression?

A. Pattern to match: ^7(\d{4})$
Translation pattern: +1425555$ 1
B. Pattern to match: ^7(\d[4])$
Translation pattern: +1425555$ 1
C. Pattern to match: ^7(\d[3])$
Translation pattern: +14255557$1
D. Pattern to match: ^7(\d{3})$
Translation pattern: +14255557$1

Answer: D
Explanation:

QUESTION NO: 4

Contoso has PSTN gateways in London and Redmond. All calls to the US starting with +1 are routed to the Redmond gateway. All calls to London starting +44 are routed to London. If the gateway in Redmond is unavailable, calls to +1 numbers should be routed via the London gateway.

Contoso has the following configuration:

- One global voice policy, called Global_VoicePolicyf which includes a single PSTN Usage called Global_Usage.
- Global_Usage has two associated routes: Redmond_Route and London_Route.
- Redmond_Route routes all calls starting with +1 to the Redmond gateway.
- London_Route routes all calls starting with +44 to the London gateway.

An administrator needs to ensure that calls beginning with +1 are routed out the London gateway

only if the Redmond gateway is unavailable.

Which set of changes should the administrator make to the voice configuration?

A. Change London_Route to include numbers starting with +1.
Configure the numbers starting with +1 with a lower priority than the numbers starting with +44.
B. Change Redmond_Route to include the London Gateway.
Configure the London gateway with a lower priority than the Redmond gateway.
C. Create a new route called US_Fallback that will route calls starting with +1 to the London gateway.
Add the route US_Fallback to the PSTN Usage Global_Usage.
Configure the route US_Fallback with a lower priority than the Redmond_Route.
D. Create a new route called US_Fallback that will route calls starting with +1 to the London gateway.
Create a new PSTN Usage called Fallback_Usage and add it to the voice policy Global_VoicePolicy.
Configure the PSTN Usage Fallback_Usage to have a lower priority than Global_Usage.

Answer: D
Explanation:

QUESTION NO: 5

During a migration from Office Communications Server 2007 R2 to Lync, a consultant modifies an existing dial plan object in OCS 2007 R2.

Which PowerShell cmdlet is used to import the dial plan changes into Lync?

A. Merge-CsLegacyTopology-Force
B. Import-CsLegacyConfiguration-ReplaceExisting
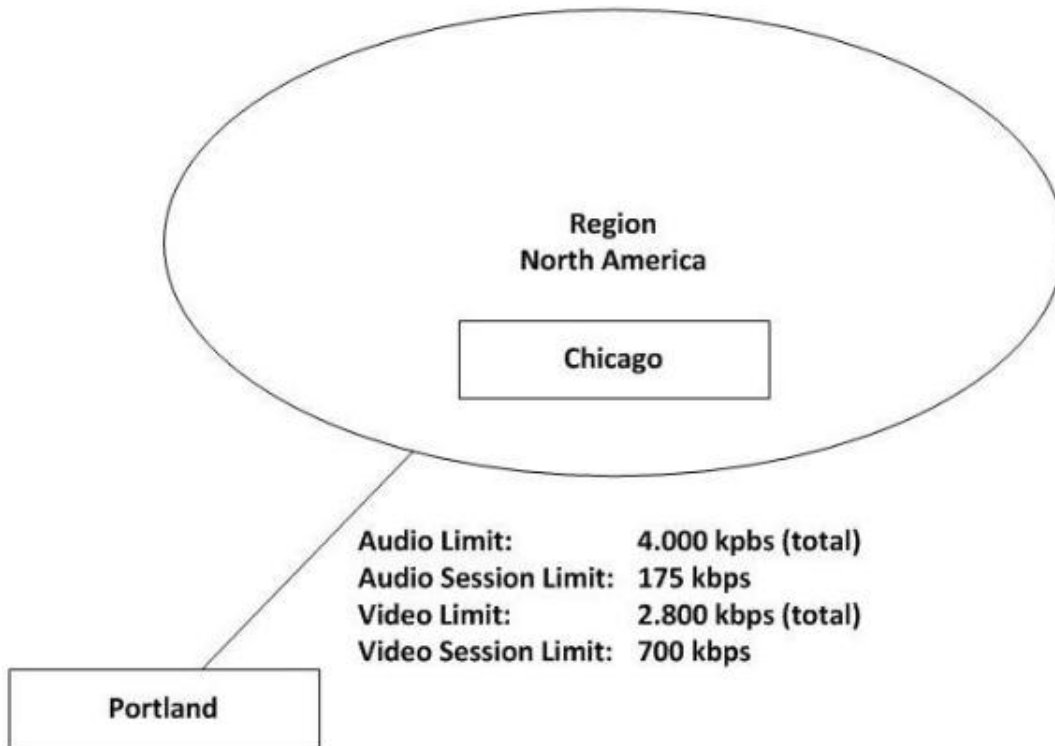**C.** Import-CsLegacyConfiguration
D. Merge-CsLegacyTopology

Answer: B
Explanation:

QUESTION NO: 6

Refer to the exhibits.

An organization implements Call Admission Control for Lync to control bandwidth usage and assure a high quality experience. Users in the Portland office frequently use Lync Enterprise telephony and conferencing features offered from the Lync infrastructure in the Chicago site.

An administrator is determining which type of audio and video codecs will optimize bandwidth utilization on a per-session basis. The administrator needs to prevent media that is traversing the network connection between Portland and Chicago from using the G.711 codec without impacting the ability to use the RTAudio wideband codec.

Which action meets these requirements?

A. Change the Audio Session Limit in the bandwidth policy for the Portland site to 50 kbps.
B. Change the Audio Session Limit in the bandwidth policy for the Portland site to 100 kbps
C. Change the Audio Session Limit in the bandwidth policy for the Portland site to 105 kbps.
D. Change the Audio Session Limit in the bandwidth policy for the Portland site to 106 kbps.

Answer: B
Explanation:

QUESTION NO: 7

An organization replaced its legacy PBX with Microsoft Lync Server 2010. Users are unable to dial North America 3 digit service numbers (211, 311,411, 511, 611,711, 811) including emergency

services (911). Only 411 and 911 should be made available to users.

Which Normalization rule enables calling to 411 and 911 only?

A. Matching: ^([4-9])(11)$
Translation: +$ 1
B. Matching: ^([4-9]\d{11})$
Translation: +$ 1
C. Matching: ^(4|9(\d[11]))$
Translation: +$1$2
D. Matching: ^(4|9)(11)$
Translation: +$1$2

Answer: D
Explanation:

QUESTION NO: 8

Refer to the exhibits.

Codec	Bandwidth requirement with no forward error correction (FEC)	Bandwidth requirement with forward error correction (FEC)
RTAudio (8kHz)	49.8 kbps	61.6 kbps
RTAudio (16kHz)	67 kbps	96 kbps
Siren	57.6 kbps	73.6 kbps
G.711	102 kbps	166 kbps
G.722	105.6 kbps	169.6 kbps
RTVideo (CIF 15 fps)	260 kbps	Not applicable
RTVideo (VGA 30 fps)	610 kbps	Not applicable