

300-075 Dumps

Implementing Cisco IP Telephony and Video, Part 2 (CIPTV2)

<https://www.certleader.com/300-075-dumps.html>



NEW QUESTION 1

You are configuring a SIP trunk with ID333949146 on Cisco Unified Communications Manager to direct calls towards the Cisco VCS C/E. Which two check boxes should you enable in the security profile for the SIP trunk?

- A. Transmit Security Status
- B. Enable Application Level Authorization
- C. Accept Out-of-Dialog REFER
- D. Accept Replaces Header
- E. Accept Unsolicited Notification
- F. Accept Presence Subscription

Answer: DE

NEW QUESTION 2

What is the maximum allowed round-trip between Cisco Unified Communication Manager nodes?

- A. 150 ms
- B. 40 ms
- C. 500 ms
- D. 80 ms

Answer: D

NEW QUESTION 3

Which DSCP service parameter can be configured for Cisco TS endpoints and Cisco Communication Manager Endpoints?

- A. DSCP for audio portion of Cisco Tele Presence calls
- B. DSCP for audio calls
- C. DSCP for video calls
- D. DSCP for audio portion of video calls

Answer: D

NEW QUESTION 4

Which two gateways or trunks are considered to be call-agent controlled?

- A. SIP trunk registered to a SIP proxy server
- B. H.323 gateway
- C. H.225 trunk (gatekeeper controlled)
- D. Skinny Client Control Protocol gateway
- E. Media Gateway Control Protocol gateway

Answer: CE

NEW QUESTION 5

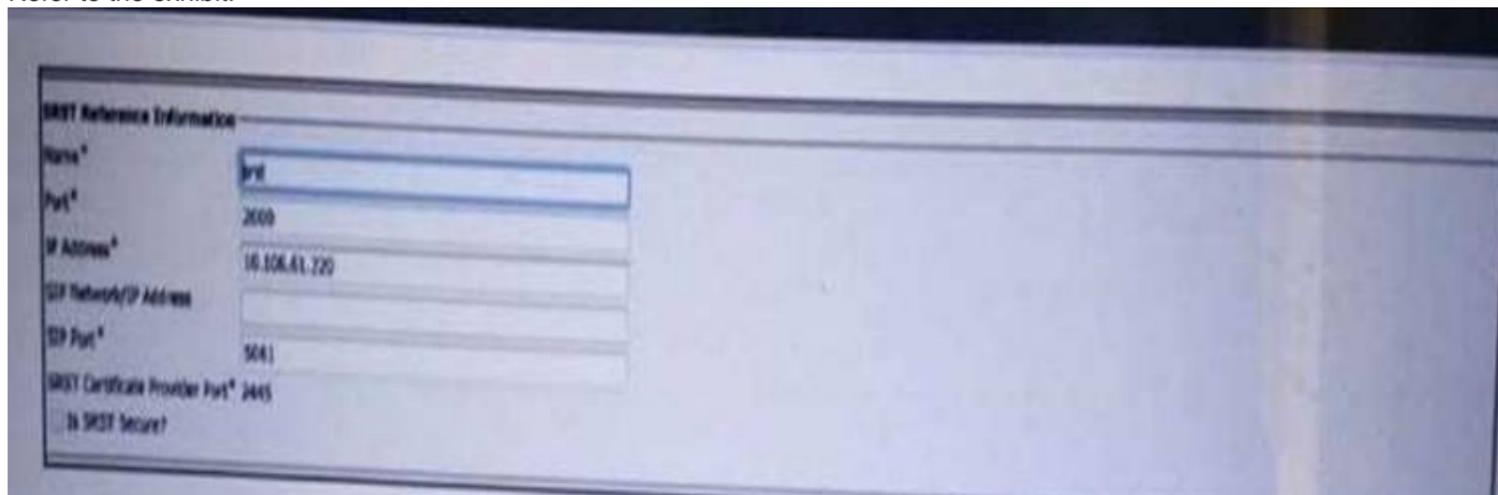
Which two options are dial plan elements that Global Dial Plan Replication allows independent clusters to share with each other using the Intercluster Lookup service?

- A. enterprise alternate numbers
- B. voicemail profiles
- C. +W.164 alternate numbers
- D. external phone number masks
- E. actual directory numbers

Answer: BD

NEW QUESTION 6

Refer to the exhibit.



Why are Cisco Unified IP Phones 9971 and 8961 not registering to the SRST gateway?

- A. The SRST reference is not configured on the phone device page.
- B. The SIP network or IP address is not provided.
- C. The SIP port is configured incorrectly in the reference.
- D. Cisco Unified IP Phones 9971 and 8961 do not work in SRST.

Answer: C

NEW QUESTION 7

Which two results occur in SRST mode if the pickup commands is configured under the call manager fallback section of a router?

- A. The GPickUp soft key in on all SRST phones.
- B. The Pickup soft key is on all SRST phones.
- C. Calls ringing an unassigned directory number are forwarded to the auto attendant
- D. Calls coming into one directory number can be picked up from another directory number
- E. Calls coming into a Cisco Unified Communications Manager registered phone can be picked up by a SRST phone.

Answer: BE

NEW QUESTION 8

The network administrator has been investing bandwidth issues between the central office and remote sites where location-based CAC is implemented. What does the Cisco Unified Communication Manager "Location Out Resources" counter indicate?

- A. This counter represents the total number of times that a call through a location on a particular Cisco Unified Communications Manager failed due to lack of bandwidth.
- B. This counter represents the total number of failed video stream requests (most likely due to lack of bandwidth) in the location where the person who initiated the video conference resides.
- C. This counter represents the total number of times since the last restart of the Cisco IP Voice Streaming Application that a Cisco Unified Communications Manager connection was lost.
- D. This counter represents the total number of times that a call through locations failed due to the lack of bandwidth.

Answer: D

NEW QUESTION 9

Which two statements about Cisco Unified Mobility are true? (Choose two.)

- A. Mobile use of Cisco Jabber requires mobility
- B. Single number reach is a feature of mobility
- C. Mobility is enabled by default
- D. Mobility is used to support mobile phones in Cisco Unified Communications
- E. Mobility just be enabled per user

Answer: BE

NEW QUESTION 10

Which option is indicated by SDP content in an SIP INVITE?

- A. Fast start
- B. early media
- C. early offer
- D. does not indicate anything

Answer: C

NEW QUESTION 10

Which feature can be used to manipulate the calling party numbers of internal calls, post digit analysis?

- A. called party transformation pattern
- B. translation pattern
- C. calling party transformation pattern
- D. external phone mask

Answer: C

NEW QUESTION 14

Which statement about Enhanced Location-based CAC on a Cisco Unified Communications Manager-based voice network

- A. E-LCAC can adjust its knowledge of effective paths due to link failures and reconfigurations.
- B. Every cluster that participates in LBM requires the location be locally configured for location to device association
- C. Each cluster requires a complete view of the modeled topology.
- D. Each cluster should be configured with the immediate neighboring locations such that the topology of each cluster

Answer: C

NEW QUESTION 18

You recertify implemented call redundancy at a new remote site, and users report that calls are dropped when the remote which two actions must you take to troubleshoot the problem? (Choose two.)

- A. Confirm that the site devices are associated with a Cisco Unified Communications Manager group and that four Cisco Manager servers are available.
- B. Check the Region settings in Cisco Unified Communications Manager.
- C. Restart Cisco Unified Communications Manager services to confirm that the server is working correctly.
- D. Confirm that a calling search space is assigned to the voice gateway in Cisco Unified Communications Manager.
- E. Confirm that SRST is configured on the voice gateway.
- F. Confirm that the site has an SRST reference that is correctly associated with the Cisco Unified Communications Manager.

Answer: EF

NEW QUESTION 21

What is the default DHCP/PHB values for Tele Presence streaming video packets in Cisco Unified Communications Manager?

- A. CS6/48
- B. CS3/24
- C. CS4/32
- D. AF41/34
- E. EF/46

Answer: D

NEW QUESTION 26

Which are DSCP values set for video traffic?

- A. DSCP is configured in the device configuration section of Cisco Unified Communications Manager and in the Expressways
- B. The endpoint overrides the DSCP values configured anywhere else
- C. DSCP is configured under service parameters in Cisco Unified Communications Manager and in the Expressways.
- D. DSCP can be configured only in the network with QoS policies
- E. DSCP can be set only on the video endpoint itself to ensure that the correct value is sent.

Answer: D

NEW QUESTION 28

How do you configure the secondary dial tone options for SRST mode?

- A. call-manager failback secondary dialtone
- B. voice service voip secondary dialtone
- C. dial-peer voice 1 pots secondary dialtone
- D. ccm-manager secondary dialtone

Answer: A

NEW QUESTION 30

Which two statements regarding you configuring a traversal server and traversal client relationship are true? (Choose two.)

- A. VCS supports only the H.460.18/19 protocol for H.323 traversal calls.
- B. VCS supports either the Assent or the H.460.18/19 protocol for H.323 traversal calls.
- C. VCS supports either the Assent or the H.460.18/19 protocol for SIP traversal calls.
- D. If the Assent protocol is configured, a TCP/TLS connection is established from the traversal client to the traversal server for SIP signaling.
- E. A VCS Expressway located in the public network or DMZ acts as the firewall traversal client.

Answer: BD

NEW QUESTION 35

On which two call logs is the media encryption enforced in a Collaboration Edge design? (Choose two)

- A. Expressway-C to internal endpoint
- B. Expressway-E to outside-located endpoint
- C. Expressway-C to Expressway-E
- D. Expressway-E to Cisco Unified Communications Manager
- E. Expressway-C to Cisco Unified Communications Manager

Answer: BC

NEW QUESTION 40

Which option best describes a service that assembles a network model from configured locations and link data in one or more clusters?

- A. LBM Hub
- B. LBM
- C. Shadow
- D. Weight

Answer: B

NEW QUESTION 44

Which two features are part of Cisco Unified Mobility? (Choose Two)

- A. Mobile Voice Access
- B. Device Mobility
- C. Enterprise Feature Access
- D. Shared line
- E. Extension Mobility Cross Cluster

Answer: AC

NEW QUESTION 47

Which three steps are necessary to configure mobile and remote access on Cisco VCS Control? (Choose three)

- A. Register voice gateways with Cisco Unified Communications Manager
- B. Configure Cisco VCS for Cisco Unified Communication
- C. Configure Directory Services for Cisco Unified Communication
- D. Discover Cisco Unified Communicators Manager and IM&P Servers.
- E. After the discovery confirm the connectivity between Cisco VCS Control with Cisco Unified Communication Manager and IM&P
- F. Configure DNS and NTP

Answer: ABF

NEW QUESTION 48

An Enterprise Alternate Number is not reachable in GDPR. What navigation will allow an engineer to configure an automatic switching to a backup number?

- A. PSTN failover numbers
- B. External Phone Number Mask
- C. CFUR
- D. Voicemail

Answer: A

NEW QUESTION 50

In Cisco Unified Communications manager, where can you configure the default codec between two different regions for all endpoints?

- A. Device Pool configuration
- B. Service Parameters
- C. Enterprise Parameters
- D. Endpoint Configuration

Answer: B

NEW QUESTION 55

An administrator is setting up analog phones that connect to a Cisco VG310. Which type of gateway or trunk on Cisco Unified Communication Manager for the Cisco VG310 must the administrator set up to allow the phones to have the call pickup feature?

- A. H.323 gateway
- B. SCCP gateway
- C. H.225 trunk
- D. MGCP gateway
- E. SIP trunk

Answer: B

Explanation: http://www.cisco.com/c/en/us/products/collateral/unified-communications/vg-seriesgateways/product_data_sheet09186a00801d87f6.html

NEW QUESTION 60

A local gateway is registered to Cisco TelePresence Video Communication Server with a prefix of 7. The administrator wants to stop calls from outside the organization being routed through it. Which CPL configuration accomplishes this goal?

A)

```
<?xml version="1.0" encoding="UTF-8" ?>
<cpl xmlns="urn:ietf:params:xml:ns:cpl"
  xmlns:taa="http://www.tandberg.net/cpl-extensions"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="urn:ietf:params:xml:ns:cpl cpl.xsd">
  <taa:routed>
    <taa:rule-switch>
      <taa:rule originating-zone="TraversalZone" destination="7(.*)">
        <!-- External calls are not allowed to use this gateway -->
        <i-- Reject call with a status code of 403 (Forbidden) -->
        <reject status="403" reason="Denied by policy"/>
      </taa:rule>
      <taa:rule origin="(.*)" destination="(.*)">
        <i-- All other calls allowed -->
        <proxy/>
      </taa:rule>
    </taa:rule-switch>
  </taa:routed>
</cpl>
```

B)

```
<?xml version="1.0" encoding="UTF-8" ?>
<cpl xmlns="urn:ietf:params:xml:ns:cpl"
  xmlns:taa="http://www.tandberg.net/cpl-extensions"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="urn:ietf:params:xml:ns:cpl cpl.xsd">
  <taa:routed>
    <taa:rule-switch>
      <taa:rule originating-zone="NeighborZone" destination="7(.*)">
        <!-- External calls are not allowed to use this gateway -->
        <i-- Reject call with a status code of 403 (Forbidden) -->
        <reject status="403" reason="Denied by policy"/>
      </taa:rule>
      <taa:rule origin="(.*)" destination="(.*)">
        <i-- All other calls allowed -->
        <proxy/>
      </taa:rule>
    </taa:rule-switch>
  </taa:routed>
</cpl>
```

C)

```
<?xml version="1.0" encoding="UTF-8" ?>
<cpl xmlns="urn:ietf:params:xml:ns:cpl"
  xmlns:taa="http://www.tandberg.net/cpl-extensions"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="urn:ietf:params:xml:ns:cpl cpl.xsd">
  <taa:routed>
    <taa:rule-switch>
      <taa:rule originating-zone="TraversalSubZone" destination="7(.*)">
        <!-- External calls are not allowed to use this gateway -->
        <i-- Reject call with a status code of 403 (Forbidden) -->
        <reject status="403" reason="Denied by policy"/>
      </taa:rule>
      <taa:rule origin="(.*)" destination="(.*)">
        <i-- All other calls allowed -->
        <proxy/>
      </taa:rule>
    </taa:rule-switch>
  </taa:routed>
</cpl>
```

D)

```
<?xml version="1.0" encoding="UTF-8" ?>
<cpl xmlns="urn:ietf:params:xml:ns:cpl"
  xmlns:taa="http://www.tandberg.net/cpl-extensions"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="urn:ietf:params:xml:ns:cpl cpl.xsd">
  <taa:routed>
    <taa:rule-switch>
      <taa:rule originating-zone="TraversalZone" destination="7(.\\d)">
        <!-- External calls are not allowed to use this gateway -->
        <i-- Reject call with a status code of 403 (Forbidden) -->
        <reject status="403" reason="Denied by policy"/>
      </taa:rule>
      <taa:rule origin="(.*)" destination="(.*)">
        <i-- All other calls allowed -->
        <proxy/>
      </taa:rule>
    </taa:rule-switch>
  </taa:routed>
</cpl>
```

E)

```
<?xml version="1.0" encoding="UTF-8" ?>
<cpl xmlns="urn:ietf:params:xml:ns:cpl"
  xmlns:taa="http://www.tandberg.net/cpl-extensions"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="urn:ietf:params:xml:ns:cpl cpl.xsd">
  <taa:routed>
    <taa:rule-switch>
      <taa:rule originating-zone="TraversalZone" destination="(.)">
        <!-- External calls are not allowed to use this gateway -->
        <!-- Reject call with a status code of 403 (Forbidden) -->
        <reject status="403" reason="Denied by policy"/>
      </taa:rule>
      <taa:rule origin="(.)" destination="(.)">
        <!-- All other calls allowed -->
        <proxy/>
      </taa:rule>
    </taa:rule-switch>
  </taa:routed>
</cpl>
```

- A. Exhibit A
- B. Exhibit B
- C. Exhibit C
- D. Exhibit D
- E. Exhibit E

Answer: A

NEW QUESTION 63

When configuring a video ISDN gateway. Which two actions are requirements for the Cisco preferred Architecture for enterprise collaboration? (choose two)

- A. Use SIP instead of H.323.
- B. Perform dial string manipulation on Cisco Unified Communications Manager.
- C. Use an * (asterisk) at the end of each ISDN number, as a suffix.
- D. Use H.323 instead of SIP.
- E. Use an ! (exclamation point) at the end of each ISDN number, as a suffix.

Answer: AB

NEW QUESTION 65

Which three steps are required to configure a SIP trunk on Cisco VCS towards Cisco Unified Communications Manager? (Choose three)

- A. Configure a neighbor zone that contains the Cisco Unified Communications Manager.
- B. Configure a route pattern zone that contains the Cisco Unified Communications Manager.
- C. Configure a transform that converts numbers to appropriate domains.
- D. Configure a SIP trunk with Cisco Unified Communications Manager destination IP addresses.
- E. Configure a search rule to route calls to the Cisco Unified Communications Manager neighbor zone.
- F. Configure a SIP trunk security profile.

Answer: ACE

NEW QUESTION 68

Which field must be populated to assign a default directory URI partition in Communication Manager?

- A. Directory URI Alias Partition
- B. Alias URI Directory Partition
- C. Alias URI Partition
- D. Directory URI Partition

Answer: A

NEW QUESTION 72

Your company's main number is 408-526-7209, and your employee's directory numbers are 4-digit numbers. Which option should be configured if you want outgoing calls from 4-digit internal directory number to be presented as a 10-digit number?

- A. calling party transformation pattern
- B. AAR group
- C. translation pattern
- D. route pattern

Answer: A

NEW QUESTION 73

How is the peer address configured when Expressway-E has only one NIC enabled and is using static NAT mode?

- A. Expressway-E DHCP
- B. Cisco Unified Communications Manager DHCP
- C. Expressway-E FQDN
- D. Cisco Unified Communications Manager FQDN

Answer: C

NEW QUESTION 76

Which two items must you configure in Cisco Unified Communications Manager to deploy Cisco SAF?
(Choose two)

- A. an MWI
- B. voicemail ports
- C. a security profile
- D. a forwarder
- E. a remote destination profile

Answer: CD

NEW QUESTION 79

A CUCM cluster has been set up with one to one (1:1) call processing redundancy. What two occurrences will be seen when the primary subscriber fails? (Choose two)

- A. The secondary subscriber will start its CallManager service
- B. 40 SCCP phones per second will be able to register to the secondary subscriber.
- C. The secondary subscriber will start its TFTP service
- D. 125 SCCP phones per second will be able to register to the secondary subscriber.
- E. 40 SIP phones per second will be able to register to the secondary subscriber.
- F. 125 SIP phones per second will be able to register to the secondary subscriber

Answer: DE

NEW QUESTION 84

In which two locations can you verify that a phone has a standby Cisco Unified communications manager? (Choose two)

- A. phone webpage
- B. RTMT
- C. Cisco Unified Serviceability
- D. phone menu

Answer: AD

NEW QUESTION 89

Select two command. One of which can be used to verify Cisco Ip phone Sip registration and one of which can be used to verify Cisco Ip phone sccp registration on Cisco unified Communications Manager express? (Choose two)

- A. show ccm-manager hosts
- B. show ephone registered
- C. show voice register session-server
- D. show sip-ua status registrar
- E. show telephony-service ephone-dn

Answer: BD

NEW QUESTION 94

Which option configures call preservation for H.323-based SRST mode?

- A. voice service voip h323 call preserve
- B. call preservation not possible with H.323
- C. call-manager-fallback preserve-call
- D. dial-peer voice 1 voip call preserve

Answer: A

NEW QUESTION 96

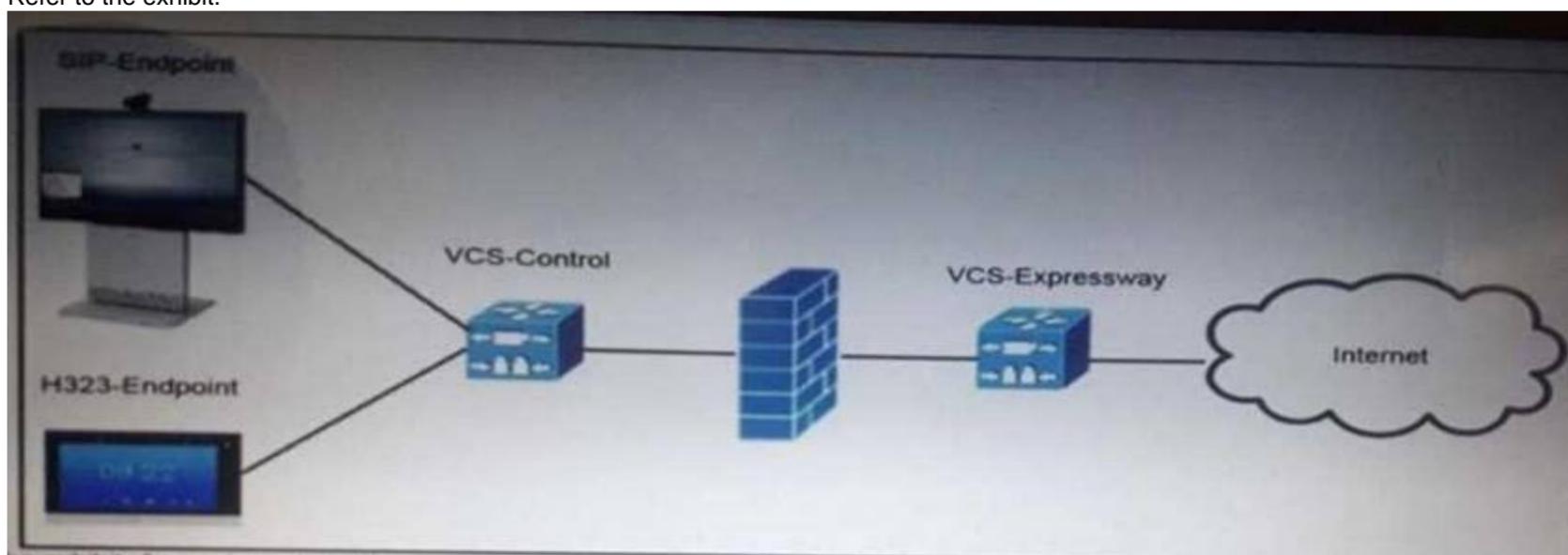
When you use the RTMT Query wizard to configure the trace and log central (TLC) feature to collect install logs, if you have servers in a cluster in a different time zone, which time is used?

- A. TLC adjusts the time change appropriately.
- B. TLC uses its local time for all systems.
- C. TLC queries for the time zone as part of configuration.
- D. TLC produces an error and must be run remotely.

Answer: A

NEW QUESTION 97

Refer to the exhibit.



An engineer is settings up a new deployment and wants to use the Cisco VCS Control as a gateway for SIP and H.323 endpoints. Which Cisco VCS configuration step must be performed to allow on-set and off-set calling?

- A. Set the H.323mode On
- B. Set the IP mode On.
- C. Set the Gatekeeper Auto Discover mode On
- D. Set the Interworking mode On.

Answer: B

NEW QUESTION 102

Which statement about the SAF Client Control is correct?

- A. The SAF Client Control is a configurable inherent component of Cisco Unified Communications Manager.
- B. The SAF Client Control is a non-configurable inherent component of Cisco Unified Communications Manager.
- C. The SAF Client Control is a non-configurable inherent component of the Cisco IOS Routers.
- D. The SAF Client Control is a configurable inherent component of the Cisco IOS Routers.

Answer: B

NEW QUESTION 103

The Cisco Unified Communications system of a company has five types of devices:

- Cisco Jabber Desktop
- CP-7965
- DX-650
- EX-60
- MX-200

Which two types of devices are affected when an engineer changes the DSCP for TelePresence Calls parameter? (Choose two.)

- A. DX-650
- B. Cisco Jabber Desktop
- C. CP-7965
- D. EX-80
- E. MX-200

Answer: DE

NEW QUESTION 104

When you configure QoS on VCS, which settings do you apply if traffic through the VCS should be tagged with DSCP AF41?

- A. Set QoS mode to DiffServ and tag value 32.
- B. Set QoS mode to IntServ and tag value to 34.
- C. Set QoS mode to DiffServ and tag value 34.
- D. Set QoS mode to IntServ and tag value to 32.
- E. Set QoS mode to ToS and tag value to 32.

Answer: C

NEW QUESTION 108

Refer to the exhibit.

RTP Phone Device Configuration	Partitions	RTP Phone DN Configuration	Partitions
Device CSS	RTP_Emergency ALL_Phones	Line CSS	RTP_Local RTP_LongDistance RTP_International
AAR CSS	RTP_LongDistance	AAR Group	AAR

U.K. User Device Profile	Partitions	Partition	Route Pattern
Line CSS	U.K_Emergency ALL_Phones	RTP_Emergency	9.911
AAR Group	AAR	RTP_Local	9.[2-9]XXXXXX
		RTP_LongDistance	9.1[2-9]XX[2-9]XXXXXX
		RTP_International	9.011!#
		U.K_Emergency	0.000
		U.K_PSTN	9.!

Assume a centralized Cisco Unified Communications deployment with the headquarters in the U.K, and remote site in RTP. All route patterns are assigned a route list that points to the local route group. Local route groups have been configured on the U.K and RTP device pools. A U.K. user logs onto an RTP phone using the Cisco Extension Mobility feature and places an emergency call to 0000. Which statement about the emergency call is true?

- A. The call will match the U.K_Emergency route pattern partition and will egress at the RTP gateway.
- B. The call will match the U.K_Emergency route pattern partition and will egress at the U. gateway.
- C. gateway.
- D. The call will match the RTP_Emergency route pattern partition and will egress at the U. gateway.
- E. gateway.
- F. The call will match the RTP_Emergency route pattern partition and will egress at the RTP gateway.
- G. The call will fail.

Answer: A

NEW QUESTION 110

What is the default DSCP value for Cisco Tele Presence calls in Cisco Unified Communications Manager?

- A. 24
- B. 32
- C. 46
- D. 26
- E. 34

Answer: E

NEW QUESTION 114

A user reports that when using desk phone A at the office HQ a call can be extended to a cell phone, but when the desk phone B is used at another office branch, the call cannot be executed. Which Cisco Unified Communications Manager configuration item causes this issue?

- A. Extension Mobility
- B. Device Mobility
- C. Mobility soft key
- D. Physical Location

Answer: B

NEW QUESTION 116

When configuring a secure SIP trunk to which Cisco Unified Communications Manager trust store must you upload the Cisco VCS certificate?

- A. CallManager-trust
- B. ipsec-trust
- C. tomcat-trust

D. TVS-trust

Answer: A

NEW QUESTION 117

Which feature enables users to manage business calls by using one phone number to pick up in-progress calls on either their desk phone or their mobile phone?

- A. desktop call pickup
- B. send call to mobile phone
- C. mobile connect
- D. mobile voice access
- E. access list

Answer: A

NEW QUESTION 120

Which three options are supplementary services that are affected by MTP? (Choose three.)

- A. Call Pickup
- B. Call Hold
- C. Call Back
- D. Call Transfer
- E. Speed Dial
- F. Call Park

Answer: BDF

NEW QUESTION 123

Which two actions ensure that the call load from Cisco TelePresence Video Communication Server to a Cisco Unified Communications Manager cluster is shared across Unified CM nodes? (Choose two.)

- A. Create a neighbor zone in VCS with the Unified CM nodes listed as location peer addresses.
- B. Create a single traversal client zone in VCS with the Unified CM nodes listed as location peer addresses.
- C. Create one neighbor zone in VCS for each Unified CM node.
- D. Create a VCS DNS zone and configure one DNS SRV record per Unified CM node.
- E. In VCS set Unified Communications mode to Mobile and remote access and configure each Unified CM node.

Answer: AD

NEW QUESTION 128

Which three items must you configure to enable SAF Call Control Discovery? (Choose three.)

- A. a calling search space
- B. hosted DN patterns
- C. translation patterns
- D. route patterns
- E. the SIP or H.323 trunk
- F. hosted DN groups

Answer: BEF

Explanation:

Reference: http://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/admin/8_0_2/ccmfeat/fsgd-802cm/fscallcontroldiscovery.pdf

NEW QUESTION 129

For which two reasons should you mark AF41 as the audio and video channels of a video call?

- A. to allow high-definition quality calls over low-speed links
- B. to give video calls a higher priority than AF41 in the QoS policy
- C. to provide separate classes for audio-only calls and video calls
- D. to prioritize video over other high-priority traffic classes
- E. to preserve lip synchronization between the audio and video channels

Answer: DE

NEW QUESTION 133

Which three options are Cisco VCS zone types? (Choose three.)

- A. H323
- B. DNS
- C. traversal client
- D. gatekeeper
- E. neighbor
- F. SIP

Answer:

BCE

NEW QUESTION 134

When you configure a globalized dial plan, in which three ways can you enable ingress gateways to process calls? (Choose three.)

- A. Configure the called-party transformation settings for incoming calls on H.323 gateways.
- B. Configure translation patterns in the partitions used by the gateway calling search space.
- C. Configure SIP trunks between Cisco Unified Communications Manager clusters.
- D. Configure a remote site device pool.
- E. Configure a hunt group.
- F. Configure the gateway with prefix digits to add necessary country and region codes.

Answer: ABF

NEW QUESTION 139

Which option configures the secondary dial tone option for SRST mode to let the users hear the dial tone for PSTN calls?

- A. voice service voip secondary dialtone 0
- B. call-manager-fallback secondary dialtone 0
- C. dial-peer voice 1 pots secondary dialtone 0
- D. ccm-manager secondary dialtone 0

Answer: B

NEW QUESTION 144

Which component provides a list of Cisco Unified Communications Manager node addresses that allow the phone to register to the cluster?

- A. DNS option 150
- B. DHCP option 150
- C. DHCP option 66
- D. configuration file from TFTP server
- E. Primary Cisco Unified Communications Manager node from configuration file additional nodes during registration.

Answer: B

NEW QUESTION 145

Which three tests can you perform to verify redundancy in the customer environment? (Choose three.)

- A. Verify that Cisco Unified IP phones running SCCP go into SRST mode when the WAN connection is disconnected.
- B. Verify that all phones are registered to a second subscriber server.
- C. Verify that SCCP fallback is configured in Cisco Unified Communications Manager.
- D. Verify that HSRP is active on the Cisco Unified Communications Manager subscriber servers.
- E. Verify that media resources fail over to a secondary subscriber server when the publisher fails.
- F. Verify that the H.323 redundant connection is active.

Answer: ABE

NEW QUESTION 150

What is the default DSCP/PHB for Tele Presence video conferencing packets in Cisco Unified Communications Manager?

- A. EF/46
- B. CS6/48
- C. AF41/34
- D. CS3/24
- E. CS4/32

Answer: C

NEW QUESTION 155

If delegated credentials checking has been enabled and remote workers can register to the VCS Expressway, which statement is true?

A secure neighbor zone has been configured between the VCS Expressway and the VCS Control.

- A. SIP registration proxy mode is set to Off in the VCS Expressway.
- B. H.323 message credential checks are delegated.
- C. SIP registration proxy mode is set to On in the VCS Expressway.

Answer: B

NEW QUESTION 156

Which configuration for the IP DSCP value in the ToS byte to 5 with Expedited Forwarding is correct?

- A. policy-map policy1 class class1set ip dscp 5 class class2set ip dscp C S3

- B. policy-map policy1 class class1 set ip dscp ef class class2 set ip dscp 5
- C. policy-map policy1 class class1 set ip dscp 5 class class2 set ip dscp ef
- D. policy-map policy1 class class1 set ip dscp 3 class class2 set ip dscp ef

Answer: B

NEW QUESTION 161

An engineer must ensure that Expressway-E listens and only its legit sender of such traffic is Expressway-C. Which port must be opened to accomplish this task?

- A. 2000
- B. 2111
- C. 222
- D. 233

Answer: A

NEW QUESTION 162

Which two statements about Zones on Cisco Video Communication Server (VCS) are correct? (Choose two.)

- A. Bandwidth for calls between endpoints in the same zone cannot be restricted.
- B. Endpoints are associated to default subzone or any customized subzone depending on the IP address of the endpoint.
- C. A neighbor zone connects Cisco VCS Core to other systems via SIP or H.323.
- D. You can register endpoints to default zone.
- E. A neighbor zone connects Cisco VCS Core to Cisco VCS Expressway for NAT, PAT, and firewall traversal.

Answer: CE

NEW QUESTION 163

Which parameter prevents the Cisco TelePresence Video Communication Server from responding to endpoint gatekeeper discovery requests?

- A. On the VCS, navigate to Configuration, Protocols, H.323, and set Auto Discover to off.
- B. On the VCS, navigate to Configuration, Protocols, H.323, and set Auto Registration to off.
- C. On the VCS, navigate to Configuration, Registration Configuration and set Auto Registration to off.
- D. On the VCS, navigate to Configuration
- E. Registration Allow List and set Auto Registration to off.

Answer: A

NEW QUESTION 164

Which port is used by the Expressway-E to listen for incoming HTTP Proxy (UDS) traffic?

- A. 5060
- B. 443
- C. 5061
- D. 8443

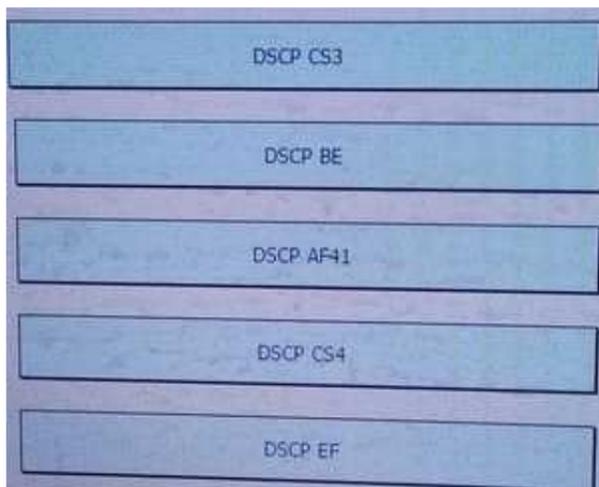
Answer: D

NEW QUESTION 169

Drag and drop the Cisco Unified Communications Manager default DSCP values from the left onto the correct traffic types on the right.

Answer:

Explanation:



NEW QUESTION 174

Which parameter should be set to prevent H.323 endpoints from registering to Cisco TelePresence Video Communication Server automatically?

- A. On the VCS, navigate to Configuration, Protocols, H.323, and set Auto Discover to off.
- B. On the VCS, navigate to Configuration, Protocols, H.323, and set Auto Registration to off.
- C. On the VCS, navigate to Configuration, Registration, Allow List, and set Auto Registration to off.
- D. On the VCS, navigate to Configuration, Registration, Configuration, and set Auto Registration to off.

Answer: A

NEW QUESTION 175

Refer to the exhibit.

```
*c xConfiguration Call Loop Detection Mode: "On"
*c xConfiguration Call Routed Mode: "Always"
*c xConfiguration Call Services CallsToUnknownIPAddresses: "Direct"
*c xConfiguration Call Services Fallback Alias:
*c xConfiguration CollaborationEdge Enabled: Off
```

Which statement is true?

- A. Endpoints can make calls to unknown IP addresses without the VCS querying any neighbors.
- B. If the VCS receives a call to an unknown IP address, it queries its neighbors for the remote address and if permitted, it routes the call through the neighbor.
- C. Endpoints that are registered directly to the VCS can call only an IP address of a system that is also registered directly to that VCS.
- D. Dialing by IP address is not supported on VCS.

Answer: A

NEW QUESTION 180

Which type of search message appears in the Cisco TelePresence Video Communication Server search history page when it receives a H.323 call from a RAS-enabled endpoint that originates from an external zone?

- A. ARQ
- B. SETUP
- C. LRQ
- D. INVITE
- E. OPTIONS

Answer: C

NEW QUESTION 182

Widgets.com's Cisco TelePresence Video Communication Server allows SIP and H.323 registrations.

Which local zone search rule configuration allows SIP registered endpoints to connect to H.323 endpoints that register with an H.323 E.164 number only?

A)

Mode: Alias pattern match
 Pattern type: Regex
 Pattern string: (*)@widgets.com
 Pattern behavior: Replace
 Replace string: \d+
 On successful match: Continue
 Target: Local Zone
 State: Enabled

B)

Mode: Alias pattern match
 Pattern type: Regex
 Pattern string: (+)@widgets.com
 Pattern behavior: Replace
 Replace string: +
 On successful match: Continue
 Target: Local Zone
 State: Enabled

C)



D)



- A. Exhibit A
- B. Exhibit B
- C. Exhibit C
- D. Exhibit D

Answer: D

NEW QUESTION 187

You want to avoid unnecessary interworking in Cisco TelePresence Video Communication Server, such as where a call between two H.323 endpoints is made over SIP, or vice versa

- A. Which setting is recommended?
- B. H.323 - SIP interworking mod
- C. Reject
- D. H.323 - SIP interworking mod
- E. On
- F. H.323 - SIP interworking mod
- G. Registered only
- H. H.323 - SIP interworking mod
- I. Off
- J. H.323 - SIP interworking mod
- K. Variable

Answer: C

NEW QUESTION 190

Which three statements about configuring an encrypted trunk between Cisco TelePresence Video Communication Server and Cisco Unified Communications Manager are true? (Choose three.)

- A. The root CA of the VCS server certificate must be loaded in Cisco Unified Communications Manager.
- B. A SIP trunk security profile must be configured with Incoming Transport Type set to TCP+UDP.
- C. The Cisco Unified Communications Manager trunk configuration must have the destination port set to 5061.
- D. A SIP trunk security profile must be configured with Device Security Mode set to TLS.
- E. A SIP trunk security profile must be configured with the X.509 Subject Name from the VCS certificate.
- F. The Cisco Unified Communications Manager zone configured in VCS must have SIP authentication trust mode set to On.
- G. The Cisco Unified Communications Manager zone configured in VCS must have TLS verify mode set to Off.

Answer: ACE

NEW QUESTION 194

Which two statements about configuring mobile and remote access on Cisco TelePresence Video Communication Server Expressway are true? (Choose two.)

- A. The traversal server zone on Expressway-C must have a TLS verify subject name configured.
- B. The traversal client zone and the traversal server zone Media encryption mode must be set to Force encrypted.
- C. The traversal client zone and the traversal server zone Media encryption mode must be set to Auto.
- D. The traversal client zone on Expressway-C Media encryption mode must be set to Auto.
- E. The traversal client zone and the traversal server zone must be set to SIP TLS with TLS verify mode set to On.

Answer: BE

NEW QUESTION 196

Which two statements regarding IPv4 Static NAT address 209.165.200.230 has been configured on a VCS Expressway are true? (Choose two.)

- A. The Advanced Networking or Dual Network Interfaces option key has been installed.
- B. VCS rewrites the Layer 3 source address of outbound SIP and H.323 packets to 209.165.200.230.
- C. VCS applies 209.165.200.230 to outbound SIP and H.323 payload messages.
- D. With static NAT enabled on the LAN2 interface, VCS applies 209.165.200.230 to outbound H.323 and SIP payload traffic exiting the LAN1 interface.

Answer: AC

NEW QUESTION 199

If delegated credentials checking has been enabled and remote workers can register to the VCS Expressway, which statement is true?

- A. H.323 message credential checks are delegated.
- B. SIP registration proxy mode is set to On in the VCS Expressway.
- C. A secure neighbor zone has been configured between the VCS Expressway and the VCS Control.
- D. SIP registration proxy mode is set to Off in the VCS Expressway.

Answer: D

NEW QUESTION 200

What is the standard Layer 3 DSCP media packet value that should be set for Cisco TelePresence endpoints?

- A. CS3 (24)
- B. EF (46)
- C. AF41 (34)
- D. CS4 (32)

Answer: D

NEW QUESTION 205

The administrator at Company X is getting user reports of inconsistent quality on video calls between endpoints registered to Cisco Unified Communications Manager. The administrator runs a wire trace while a video call is taking place and sees that the packets are not set to AF41 for desktop video as they should be.

Where should the administrator look next to confirm that the correct DSCP markings are being set?

- A. on the MGCP router at the edge of both networks
- B. the service parameters in the VCS Control
- C. the QoS service parameter in Cisco Unified Communications Manager
- D. on the actual Cisco phone itself because the DSCP setting is not part of its configuration file downloaded at registration
- E. The setting cannot be changed for video endpoints that are registered to Cisco Unified Communications Manager, but only when they are registered to the VCS Control.

Answer: C

NEW QUESTION 206

Which action is performed by the Media Gateway Control Protocol gateway with SRST configured, when it loses connectivity with the primary and backup Cisco Unified Communications Manager servers?

- A. The gateway continues to make an attempt to connect to the backup Cisco Unified Communications Manager server.
- B. The gateway falls back to the H.323 protocol for further call processing.
- C. The gateway continues with the MGCP call processing without any interruption.
- D. The gateway waits for the primary Cisco Unified Communications Manager server to come alive.
- E. All MGCP call processing is interrupted until the Cisco Unified Communications Manager servers are online.
- F. The MGCP calls are queued up until the Cisco Unified Communications Manager servers are online.

Answer: B

NEW QUESTION 208

Which option is a benefit of implementing CFUR?

- A. CFUR is designed to initiate TEHO to reduce toll charges.
- B. CFUR can prevent phones from unregistering.
- C. CFUR can reroute calls placed to a temporarily unregistered destination phone.
- D. CFUR eliminates the need for COR on an ISR.

Answer: C

NEW QUESTION 209

Refer to the exhibit.

```
dial-peer voice 901 pots
destination-pattern 9011T
port 1/0:23
```

Which configuration change is needed to enable NANP international dialing during MGCP fallback?

- A. Change the dial peer to dial-peer voice 901 voip.
- B. Change the dial peer to dial-peer voice 9011 pots.
- C. Add the command prefix 011 to the dial peer.
- D. Add the command prefix 9011 to the dial peer.

Answer: C

NEW QUESTION 213

Which command is needed to utilize local dial peers on an MGCP-controlled ISR during an SRST failover?

- A. ccm-manager fallback-mgcp
- B. telephony-service
- C. dialplan-pattern
- D. isdn overlap-receiving
- E. voice-translation-rule

Answer: A

NEW QUESTION 217

Which three commands are mandatory to implement SRST for five Cisco IP Phones? (Choose three.)

- A. call-manager-fallback
- B. max-ephones
- C. keepalive
- D. limit-dn
- E. ip source-address

Answer: ABE

NEW QUESTION 221

You want to perform Media Gateway Control Protocol gateway maintenance. For this purpose, you disable Media Control Gateway Protocol gateway using the no mgcp command. After you perform the maintenance, you want to enable the Media Control Gateway Protocol gateway.

Which command should you use?

- A. enable mgcp
- B. mgcp
- C. mgcp enable
- D. mgcp yes
- E. activate mgcp
- F. mgcp active

Answer: B

NEW QUESTION 226

How many active gatekeepers can you define in a local zone?

- A. 1
- B. 2
- C. 5
- D. 10
- E. 15
- F. unlimited

Answer: A

NEW QUESTION 230

Which gateway does the Cisco Unified Communications Manager control all call activity?

- A. SIP
- B. MGCP
- C. H.323
- D. Media

Answer: B

NEW QUESTION 233

Company X has a Cisco Unified Communications Manager cluster and a VCS Control server with video endpoints registered on both systems. Users find that video endpoints registered on Call manager can call each other and likewise for the endpoints

registered on the VCS server. The administrator for Company X realizes he needs a SIP trunk between the two systems for any video endpoint to call any other video endpoint. Which two steps must the administrator take to add the SIP trunk? (Choose two.)

- A. Set up a SIP trunk on Cisco UCM with the option Device-Trunk with destination address of the VCS server.
- B. Set up a subzone on Cisco UCM with the peer address to the VCS cluster.
- C. Set up a neighbor zone on the VCS server with the location of Cisco UCM using the menu option VCS Configuration > Zones > zone.
- D. Set up a SIP trunk on the VCS server with the destination address of the Cisco UCM and Transport set to TCP.
- E. Set up a traversal subzone on the VCS server to allow endpoints that are registered on Cisco UCM to communicate.

Answer: AC

NEW QUESTION 236

Which sign is prefixed to the number in global call routing?

- A. -
- B. +
- C. #
- D. @
- E. &
- F. *

Answer: B

NEW QUESTION 240

In a node-specific Service Advertisement Framework forwarder deployment model, what is the maximum number of Service Advertisement Framework forwarders that you can assign to a specific node?

- A. 1
- B. 2
- C. 3
- D. 4
- E. 5
- F. 6

Answer: B

NEW QUESTION 241

Which statement is true regarding the configuration of SAF Forwarder?

- A. In a multisite dial plan, SAF Forwarders may exist in multiple autonomous systems.
- B. The client label that is configured in Cisco Unified Communications Manager must match the configuration on the SAF Forwarder router.
- C. There should not be multiple nodes of Cisco Unified Communications Manager clusters acting as SAF clients.
- D. The destination IP address must match the loopback address of the SAF router.

Answer: A

NEW QUESTION 245

Which three devices support the SAF Call Control Discovery protocol? (Choose three.)

- A. Cisco Unified Border Element
- B. Cisco Unity Connection
- C. Cisco IOS Gatekeeper
- D. Cisco Catalyst Switch
- E. Cisco IOS Gateway
- F. Cisco Unified Communications Manager

Answer: AEF

NEW QUESTION 250

Which component of Cisco Unified Communications Manager is responsible for sending keepalive messages to the Service Advertisement Framework forwarder?

- A. Call Control Discovery requesting service
- B. Hosted DNS service
- C. Service Advertisement Framework client control
- D. Cisco Unified Communications Manager database
- E. Service Advertisement Framework-enabled trunk
- F. gatekeeper

Answer: C

NEW QUESTION 251

Which component is needed to set up SAF CCD?

- A. SAF-enabled H.323 intercluster (gatekeeper controlled) trunk
- B. SAF forwarders on Cisco routers
- C. Cisco Unified Communications cluster

D. SAF-enabled H.225 trunk

Answer: B

NEW QUESTION 254

Assume that local route groups are configured. When an IP phone moves from one device mobility group to another, which two configuration components are not changed? (Choose two.)

- A. IP subnet
- B. user settings
- C. SRST reference
- D. region
- E. phone button settings

Answer: BE

NEW QUESTION 259

Where do you specify the device mobility group and physical location after they have been configured?

- A. phones
- B. DMI
- C. device mobility CSS
- D. device pool
- E. MRGL
- F. locale

Answer: D

NEW QUESTION 262

Which statement about setting up FindMe in Cisco TelePresence Video Communication Server is true?

- A. Users are allowed to delete or change the address of their principal devices.
- B. Endpoints should register with an alias that is the same as an existing FindMe ID.
- C. If VCS is using Cisco TMS provisioning, users manage their FindMe accounts via VCS.
- D. A VCS cluster name must be configured.

Answer: D

NEW QUESTION 267

Which feature allows you to specify which endpoints ring when someone calls a user on a specific destination ID?

- A. FindME
- B. Extension Mobility
- C. Speech Connect
- D. Single Number Reach

Answer: A

NEW QUESTION 272

Which action configures phones in site A to use G.711 to site B, but uses G.729 to site C?

- A. Configure Cisco Unified Communications Manager regions.
- B. Configure Cisco Unified Communications Manager locations.
- C. Configure transcoder resources in Cisco Unified Communications Manager.
- D. Configure a gatekeeper.

Answer: A

NEW QUESTION 273

Which task must you perform before deleting a transcoder?

- A. Delete the dependency records.
- B. Unassign it from a media resource group.
- C. Use the Reset option.
- D. Remove the device pool.
- E. Remove the subunit.
- F. Delete the common device configuration.

Answer: B

NEW QUESTION 276

A voicemail product that supports only the G.711 codec is installed in headquarters. Which action allows branch Cisco IP phones to function with voicemail while using only the G.729 codec over the WAN link to headquarters?

- A. Configure Cisco Unified Communications Manager regions.
- B. Configure transcoding within Cisco Unified Communications Manager.
- C. Configure transcoding resources in Cisco IOS and assign to the MRGL of Cisco IP phones.
- D. Configure transcoder resources in the branch Cisco IP phones.

Answer: C

NEW QUESTION 279

Which system configuration is used to set a restriction on audio bandwidth?

- A. region
- B. location
- C. physical location
- D. licensing

Answer: B

NEW QUESTION 280

The network administrator has been investigating bandwidth issues between the central office and remote sites where location-based CAC is implemented. What does the Cisco Unified Communications Manager "LocationOutOfResources" counter indicate?

- A. This counter represents the total number of times that a call on a particular Cisco Unified Communications Manager through the location failed due to lack of bandwidth.
- B. This counter represents the total number of times that a call through locations failed due to the lack of bandwidth.
- C. This counter represents the total number of failed video-stream requests (most likely due to lack of bandwidth) in the location where the person who initiated the video conference resides.
- D. This counter represents the total number of times since the last restart of the Cisco IP Voice Streaming Application that a Cisco Unified Communications Manager connection was lost.

Answer: B

NEW QUESTION 284

Scenario:

There are two call control systems in this item.

The Cisco UCM is controlling the DX650, the Cisco Jabber for Windows Client, and the 9971 Video IP Phone.

The Cisco VCS is controlling the SX20, the Cisco TelePresence MCU, and the Cisco Jabber TelePresence for Windows.

SX20 System information:

System Information

General

Product:	Cisco TelePresence SX20
Last boot:	Last Wednesday at 21:43
Serial number:	ABCD12345678
Software version:	TC7.3.0
Installed options:	PremiumResolution
System name:	MySystem
IPv4:	192.168.1.128
IPv6:	2001:DB8:1001:2002:3003:4004:5005:F00F
MAC address:	01:23:45:67:89:AB
Temperature:	58.5°C / 137.3°F

H323

Status:	Registered
Gatekeeper:	192.168.1.1
Number:	123456
ID:	firstname.lastname@company.com

SIP Proxy 1

Status:	Registered
Proxy:	192.168.1.2
URI:	firstname.lastname@company.com

DX650 Configuration:

Product Type: Cisco DX650
Device Protocol: SIP

Real-time Device Status

Registration: Unregistered
IPv4 Address: 172.18.32.119
Active Load ID: sipdx650.10-2-3-26
Inactive Load ID: sipdx650.10-1-1-78
Download Status: None

Device Information

Device is Active
 Device is trusted

MAC Address*: D0C78914131D
Description: DX650 Pod 3
Device Pool*: Default
Common Device Configuration: < None >
Phone Button Template*: Cisco DX650 SIP
Softkey Template: < None >
Common Phone Profile*: Standard Common Phone Profile
Calling Search Space: All-Devices
AAR Calling Search Space: < None >

MRGL:

Status
i 1 records found

Media Resource Group List (1 - 1 of 1)

Find Media Resource Group List where Name begins with Find Clear Filter + -

<input type="checkbox"/>	Name ^
<input type="checkbox"/>	MRGL-All

Add New Select All Clear All Delete Selected

DP:

Status
i 3 records found

Device Pool (1 - 3 of 3)

Find Device Pool where Device Pool Name begins with Find Clear Filter + -

<input type="checkbox"/>	Name ^	Region	Date/Ti
<input type="checkbox"/>	Default	Default	CMLocal
<input type="checkbox"/>	Default	Default	CMLocal
<input type="checkbox"/>	GSM	GSM	CMLocal

Add New Select All Clear All Delete Selected

Locations:

Locations

Locations (1 - 3 of 3)

Find Locations where Location begins with Find Clear Filter + -

<input type="checkbox"/>	
<input type="checkbox"/>	Hub_None
<input type="checkbox"/>	Phantom
<input type="checkbox"/>	Shadow

Add New Select All Clear All Delete Selected

AARG:

AARG

Automated Alternate Routing Group

Find Automated Alternate Routing Group where Name begins with Find Clear Filter + -

No active query. Please enter your search criteria using the options above.

CSS:

CSS

Calling Search Space (1 - 2 of 2)

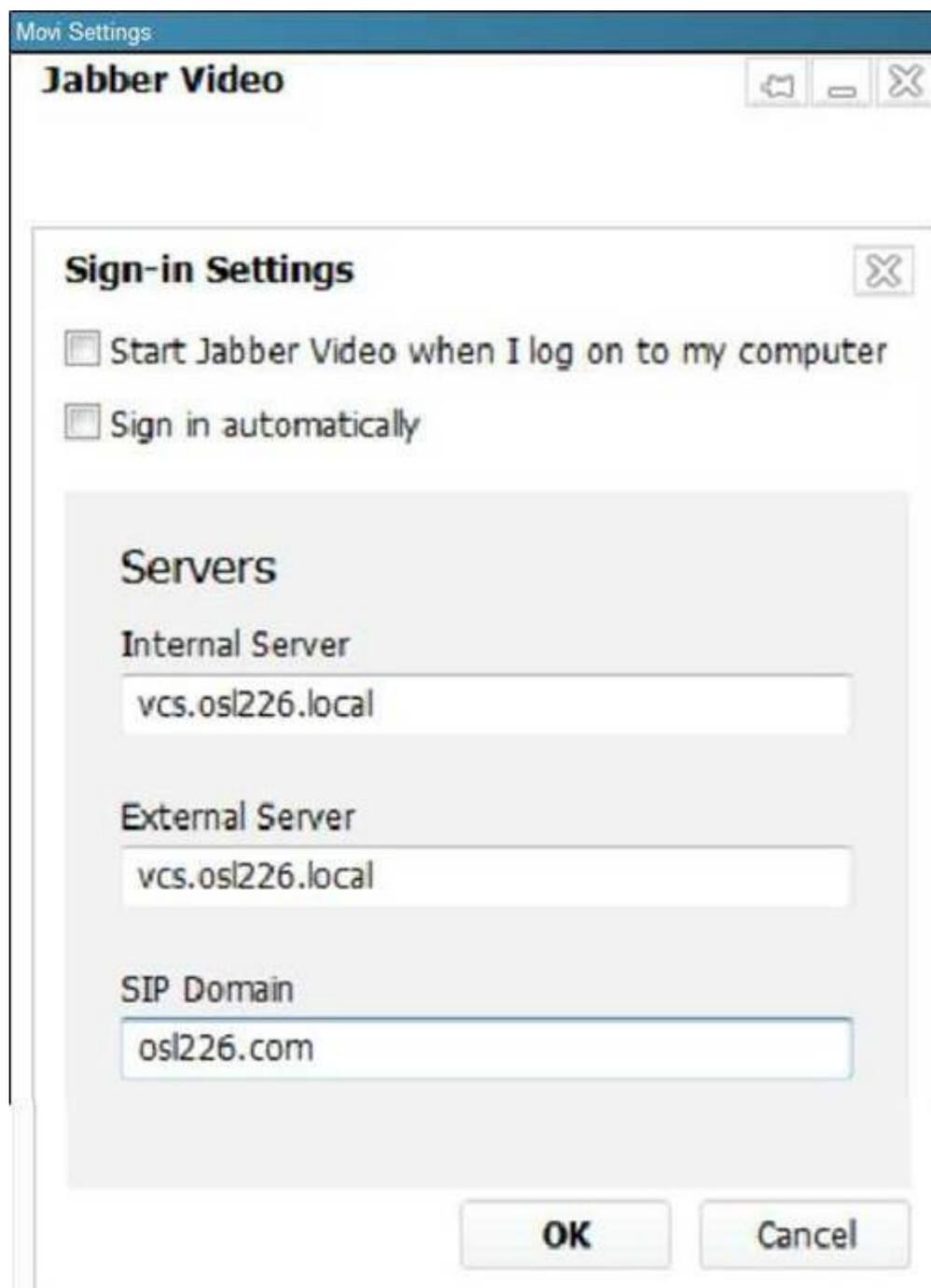
Find Calling Search Space where CSS Name begins with Find Clear Filter + -

<input type="checkbox"/>	CSS Name ^
<input type="checkbox"/>	A11-Devices
<input type="checkbox"/>	All-Devices

Add New Select All Clear All Delete Selected



Movie Settings:



Which device configuration option will allow an administrator to assign a device to specific rights for making calls to specific DNSs?

- A. Media Resource Group List
- B. Device Pool
- C. Location
- D. AAR Group
- E. Calling Search Space

Answer: E

NEW QUESTION 288

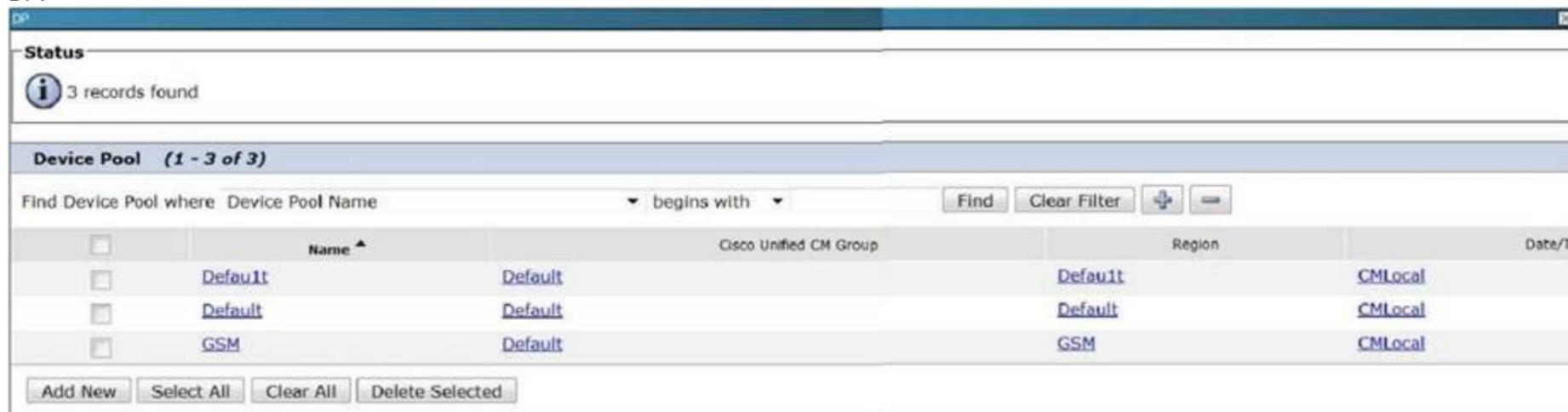
Scenario:

There are two call control systems in this item.

The Cisco UCM is controlling the Cisco Jabber for Windows Client, and the 7965 and 9971 Video IP Phone.

The Cisco VCS is controlling the SX20, the Cisco TelePresence MCU, and the Cisco Jabber TelePresence for Windows.

DP:



Locations:

Locations

Locations (1 - 3 of 3)

Find Locations where Location begins with Find Clear Filter + -

<input type="checkbox"/>	
<input type="checkbox"/>	Hub_None
<input type="checkbox"/>	Phantom
<input type="checkbox"/>	Shadow

Add New Select All Clear All Delete Selected

CSS:

CSS

Calling Search Space (1 - 2 of 2)

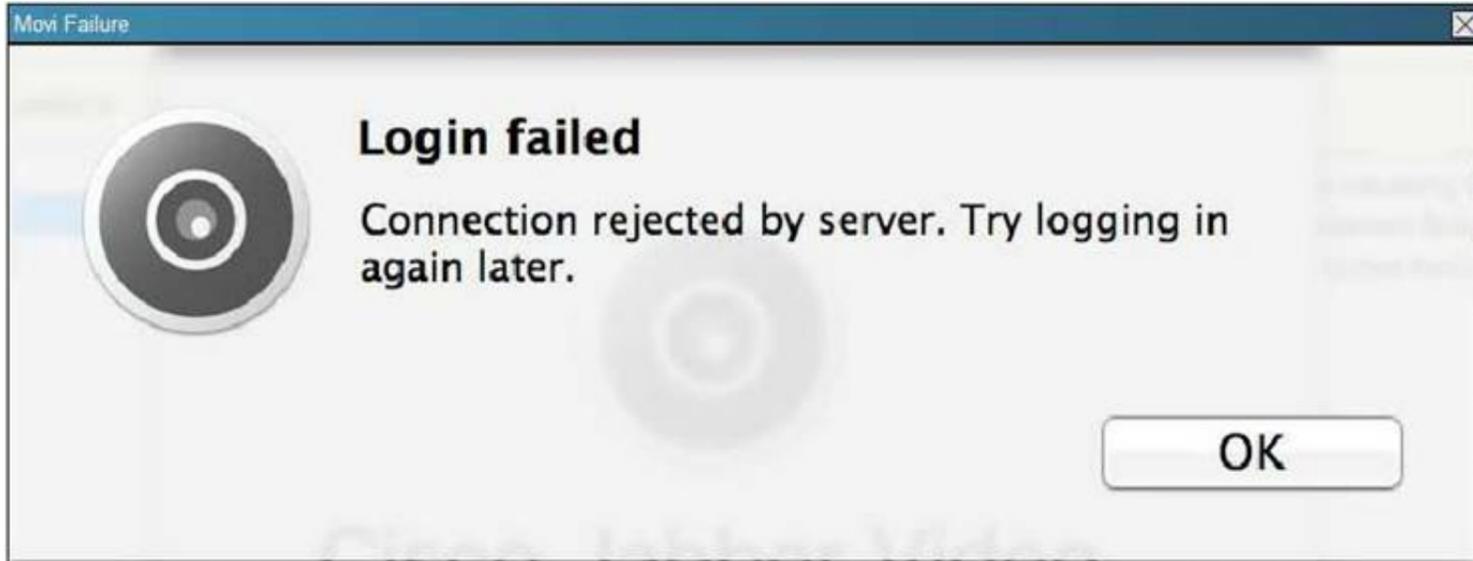
Find Calling Search Space where CSS Name begins with Find Clear Filter + -

<input type="checkbox"/>	CSS Name ^
<input type="checkbox"/>	A11-Devices
<input type="checkbox"/>	All-Devices

Add New Select All Clear All Delete Selected

Movie Failure:

Movie Failure

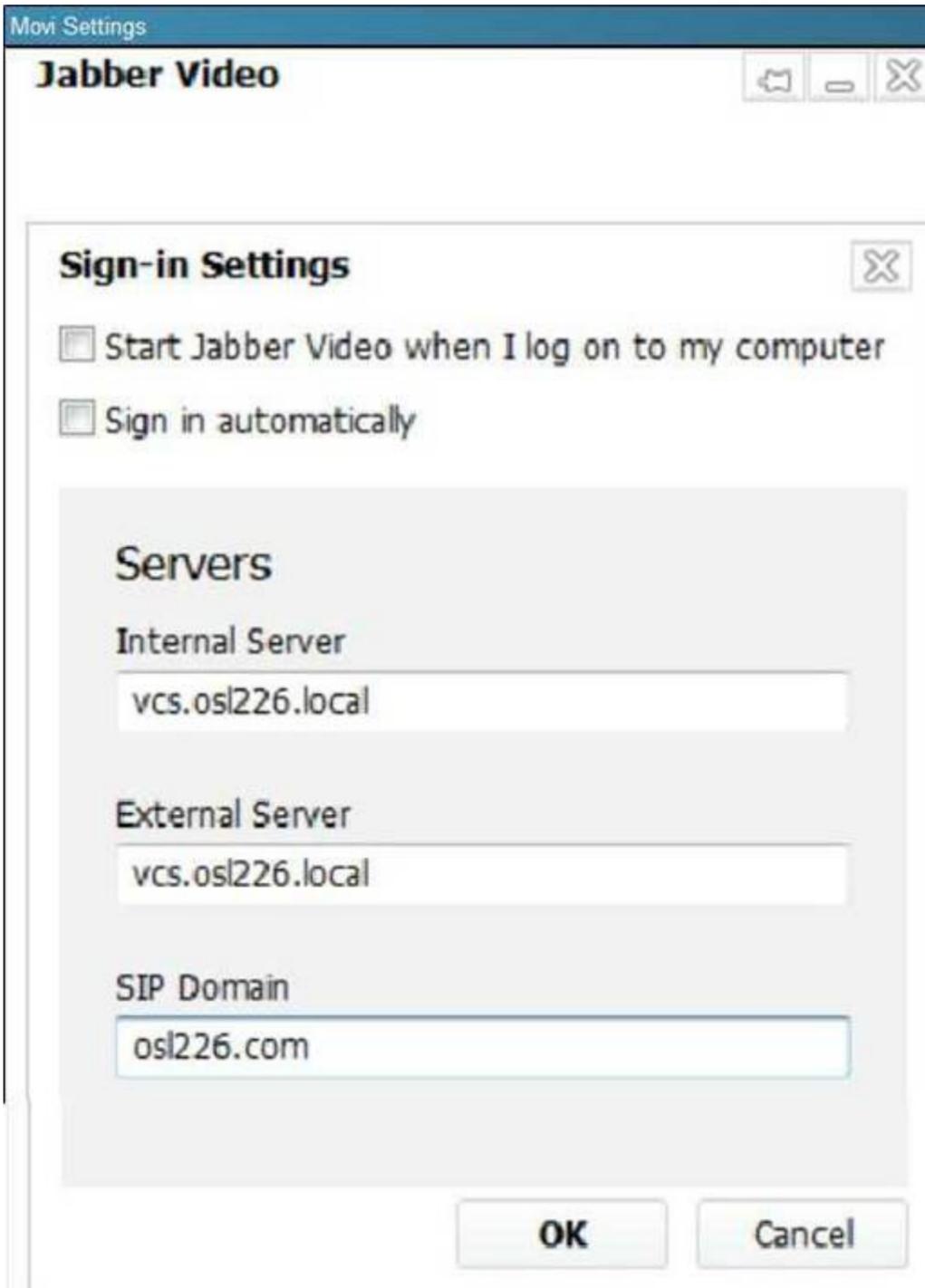


Login failed

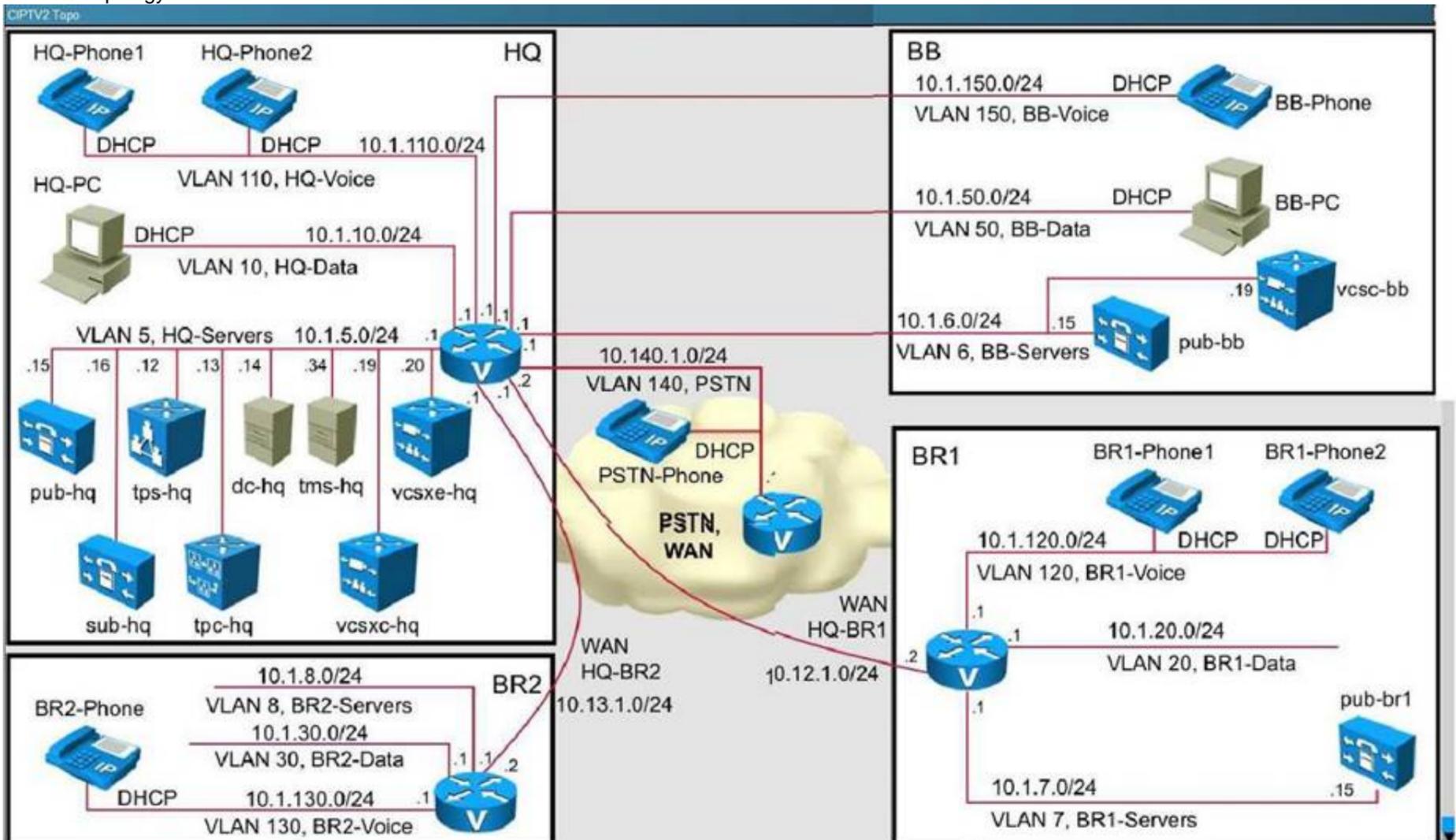
Connection rejected by server. Try logging in again later.

OK

Movie Settings:



CIPTV2 Topology:



Subzone:

- **Name:** HQ
- **Authentication policy:** Treat as authenticated
- **Total bandwidth available - Bandwidth restriction:** Limited
- **Total bandwidth available - Total bandwidth limit (kbps):** 512
- **Calls into or out of this subzone - Bandwidth restriction:** Limited
 - **Calls into or out of this subone - Total bandwidth limit (kbps):** 0
 - **Calls entirely within this subzone** Bandwidth restriction: Limited
 - **Calls entirely within this subzone** Total bandwidth limit (kbps): 200

Links:

Links		You are here: Configuration > Bandwidth > Links					
Name	Node 1	Node 2	Pipe 1	Pipe 2	Calls	Bandwidth used	Actions
<input type="checkbox"/> DefaultSZtoClusterSZ	DefaultSubZone	ClusterSubZone			0	0 kbps	View/Edit
<input type="checkbox"/> DefaultSZtoDefaultZ	DefaultSubZone	DefaultZone			0	0 kbps	View/Edit
<input type="checkbox"/> DefaultSZtoTraversalSZ	DefaultSubZone	TraversalSubZone			0	0 kbps	View/Edit
<input type="checkbox"/> SubZone001ToDefaultSZ	HQ	DefaultSubZone			0	0 kbps	View/Edit
<input type="checkbox"/> SubZone001ToTraversalSZ	HQ	TraversalSubZone			0	0 kbps	View/Edit
<input type="checkbox"/> TraversalSZtoDefaultZ	TraversalSubZone	DefaultZone			0	0 kbps	View/Edit
<input type="checkbox"/> VCS HQ - toHQ	HQ	to HQ	to HQ pipe		1	128 kbps	View/Edit

Pipe:

Name
Name: <u>to HQ pipe</u>
Total Bandwidth available – Bandwidth restriction: Limited
Total Bandwidth available – Total bandwidth limit (kbps): 256
Calls through this pipe – Bandwidth restriction: Limited
Calls through this pipe – Per call bandwidth limit (kbps): 128

Both of the Cisco TelePresence Video for Windows clients are able to log into the server but can't make any calls. After reviewing the exhibits, which of the following reasons could be causing this failure?

- A. Wrong username and/or password.
- B. Wrong SIP domain name.
- C. The TMSPE is not working.
- D. The bandwidth is incorrectly configured.

Answer: D

NEW QUESTION 293

Scenario:

There are two call control systems in this item.

The Cisco UCM is controlling the DX650, the Cisco Jabber for Windows Client, and the 9971 Video IP Phone.

The Cisco VCS and TMS control the Cisco TelePresence MCU, and the Cisco Jabber TelePresence for Windows.

DP:

DP

Status

3 records found

Device Pool (1 - 3 of 3)

Find Device Pool where Device Pool Name begins with

<input type="checkbox"/>	Name ^	Osco Unified CM Group	Region	Date/Ti
<input type="checkbox"/>	Default	Default	Default	CMLocal
<input type="checkbox"/>	Default	Default	Default	CMLocal
<input type="checkbox"/>	GSM	Default	GSM	CMLocal

Locations:

Locations

Locations (1 - 3 of 3)

Find Locations where Location begins with

<input type="checkbox"/>	Location
<input type="checkbox"/>	Hub_None
<input type="checkbox"/>	Phantom
<input type="checkbox"/>	Shadow

CSS:

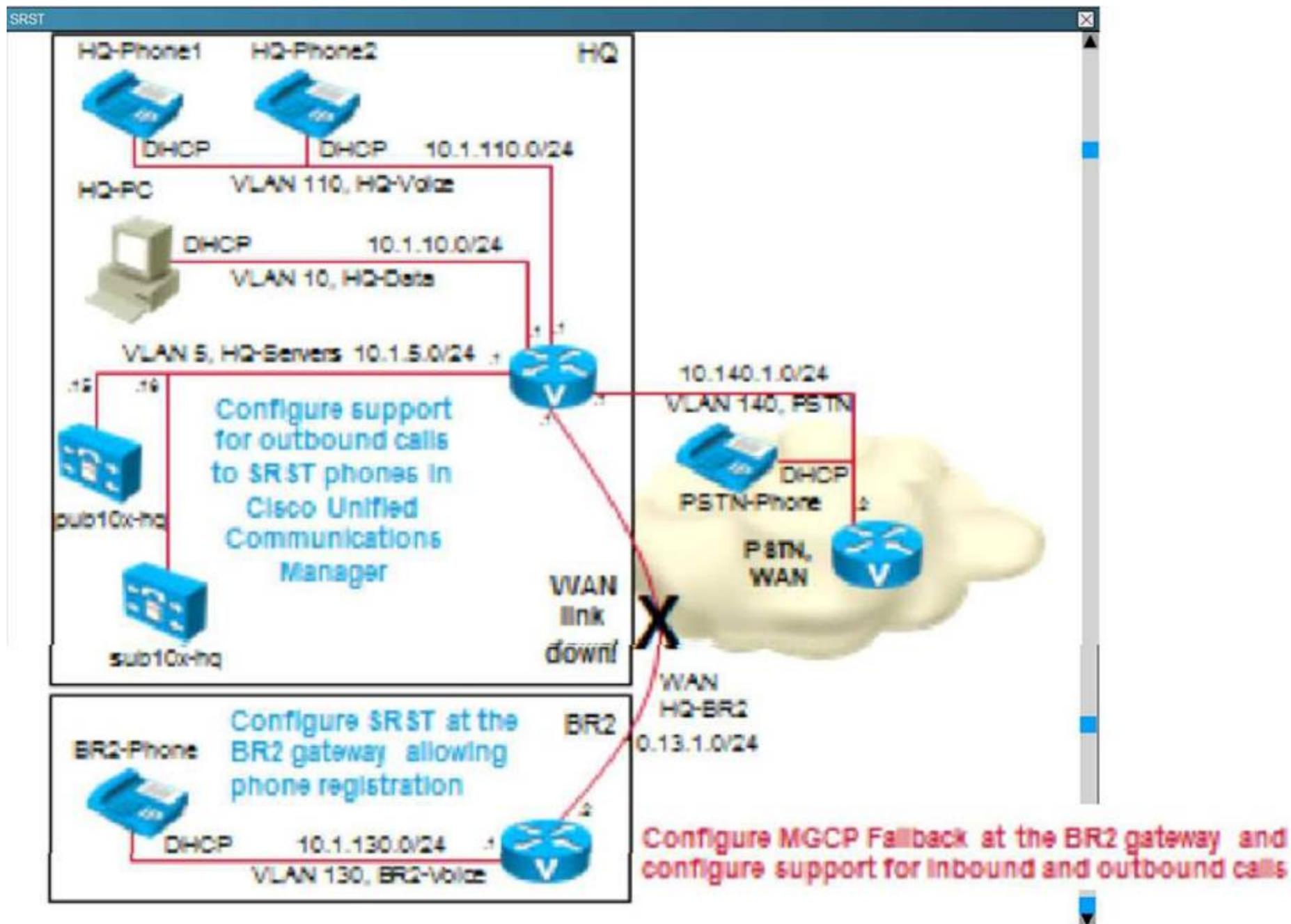
CSS

Calling Search Space (1 - 2 of 2)

Find Calling Search Space where CSS Name begins with

<input type="checkbox"/>	CSS Name ^
<input type="checkbox"/>	A11-Devices
<input type="checkbox"/>	All-Devices

SRST:



SRST-BR2-Config:

```

SRST-BR2 Config
    ■ Name: BR2
    ■ Port: 2000
    ■ IP Address: 10.1.5.15
    ■ SIP Network/IP Address: 10.1.5.15
    
```

BR2 Config:

```
BR2 Config
voice service voip
  sip
    bind control source-interface
GigabitEthernet0/0/0.130
    bind media source-interface
GigabitEthernet0/0/0.130
  registrar server
  !
voice register global
  max-dn 1
  max-pool 1
  !
voice register pool 1
  id network 10.1.130.0 mask 255.255.25
call-manager-fallback
  ip source-address 10.1.130.1
  max-dn 1 dual-line
  max-ephones 1
```

SRSTPSTNCall:

At the HQ cluster, the CFUR for the directory number that is applied to BR2 phone (+442288224001) has been configured:

- Forward Unregistered Internal Destination: **+442288224001**
- Forward Unregistered Internal Calling Search Space: System css
- Forward Unregistered External Destination: **+442288224001**
- Forward Unregistered External Calling Search Space: System css

After adding SRST functionality the SRST does not work. After reviewing the exhibits, which of the following reasons could be causing this failure?

- A. Device Pool cannot be default.
- B. The Cisco UCM is pointing to the wrong IPv4 address of the BR router.
- C. The router does not support SRST.
- D. The SRST enabled router is not configured correctly.

Answer: A

NEW QUESTION 297

Scenario:

There are two call control systems in this item. The Cisco UCM is controlling the DX650, the Cisco Jabber for Windows Client, and the 9971 Video IP Phone. The Cisco VCS and TMS control the Cisco TelePresence MCU, and the Cisco Jabber TelePresence for Windows.

DP:

DP

Status

3 records found

Device Pool (1 - 3 of 3)

Find Device Pool where Device Pool Name begins with

<input type="checkbox"/>	Name ^	Cisco Unified CM Group	Region	Date/TI
<input type="checkbox"/>	Default	Default	Default	CMLocal
<input type="checkbox"/>	Default	Default	Default	CMLocal
<input type="checkbox"/>	GSM	Default	GSM	CMLocal

Locations:

Locations

Locations (1 - 3 of 3)

Find Locations where Location begins with

<input type="checkbox"/>	Location
<input type="checkbox"/>	Hub_None
<input type="checkbox"/>	Phantom
<input type="checkbox"/>	Shadow

CSS:

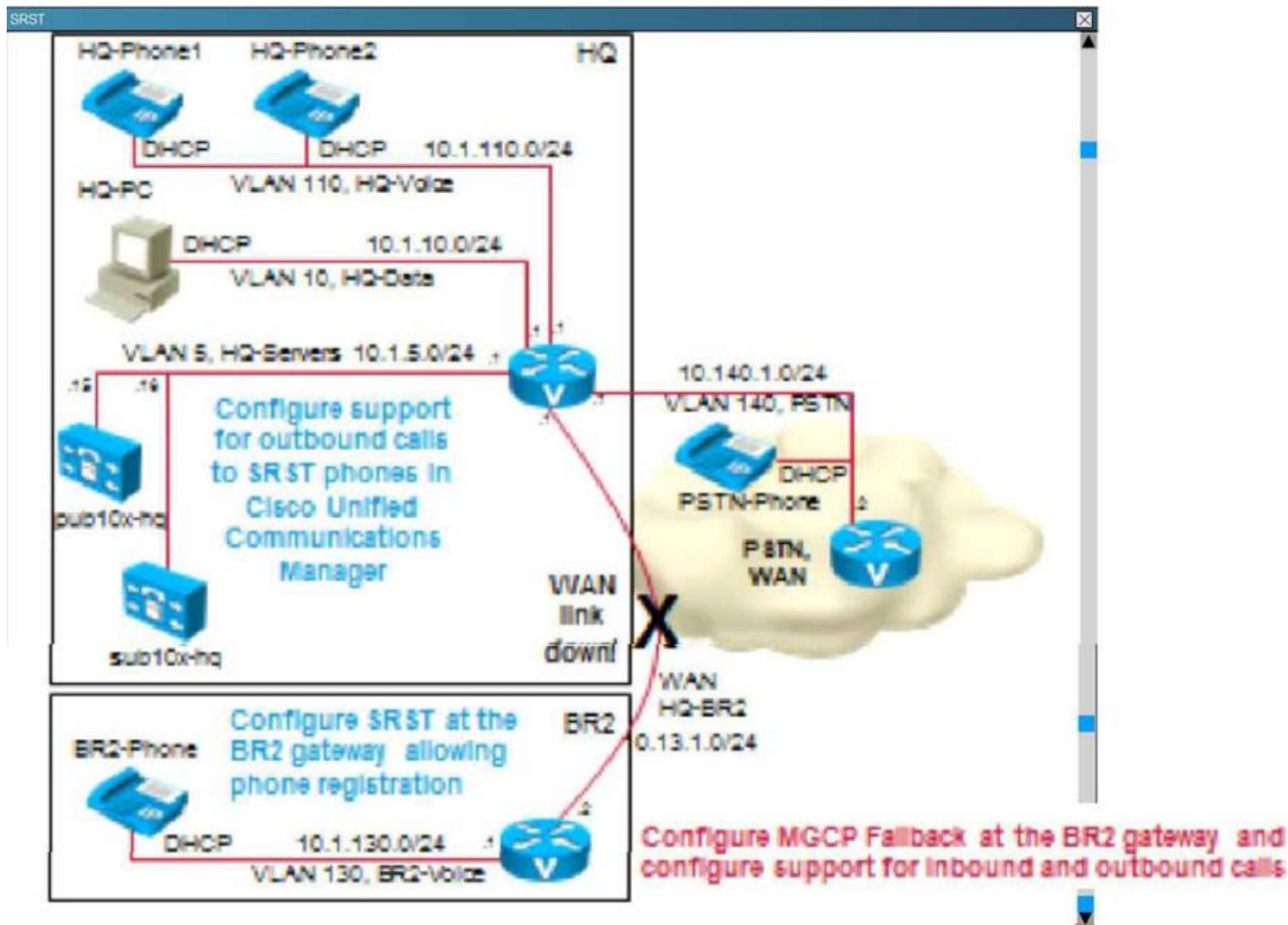
CSS

Calling Search Space (1 - 2 of 2)

Find Calling Search Space where CSS Name begins with

<input type="checkbox"/>	CSS Name ^
<input type="checkbox"/>	All-Devices
<input type="checkbox"/>	All-Devices

SRST:



SRST-BR2-Config:

```

SRST-BR2 Config
■ Name: BR2
■ Port: 2000
■ IP Address: 10.1.5.15
■ SIP Network/IP Address: 10.1.5.15
    
```

BR2 Config:

```
BR2 Config
voice service voip
  sip
    bind control source-interface
GigabitEthernet0/0/0.130
    bind media source-interface
GigabitEthernet0/0/0.130
  registrar server
  !
voice register global
  max-dn 1
  max-pool 1
  !
voice register pool 1
  id network 10.1.130.0 mask 255.255.25
call-manager-fallback
  ip source-address 10.1.130.1
  max-dn 1 dual-line
  max-ephones 1
```

SRSTPSTNCall:

At the HQ cluster, the CFUR for the directory number that is applied to BR2 phone (+442288224001) has been configured:

- Forward Unregistered Internal Destination: **+442288224001**
- Forward Unregistered Internal Calling Search Space: System css
- Forward Unregistered External Destination: **+442288224001**
- Forward Unregistered External Calling Search Space: System css

After configuring the CFUR for the directory number that is applied to BR2 phone (+442288224001), the calls fail from the PSTN. Which two of the following configurations if applied to the router, would remedy this situation? (Choose two.)

- A. dial-peer voice 1 potsincoming called-number 228822... direct-inward-dialport 0/0/0:15
- B. dial-peer voice 1 potsincoming called-number 228822... direct-inward-dialport 0/0/0:13
- C. voice translation-rule 1 rule 1/?228821....S//+44&/ exit!voice translation-profile pstn-in translate called 1!voice-port 0/0/0:15translation-profile incoming pstn-in
- D. voice translation-rule 1 rule 1/?228822....S//+44&/ exit!voice translation-profile pstn-in translate called 1!voice-port 0/0/0:15translation-profile incoming pstn-in
- E. The router does not need to be configured.

Answer: AD

NEW QUESTION 302

Scenario:

There are two call control systems in this item.

The Cisco UCM is controlling the DX650, the Cisco Jabber for Windows Client, and the 9971 Video IP Phone.

The Cisco VCS and TMS control the Cisco TelePresence MCU, and the Cisco Jabber TelePresence for Windows

DP:

DP

Status

3 records found

Device Pool (1 - 3 of 3)

Find Device Pool where Device Pool Name begins with

<input type="checkbox"/>	Name ^	Cisco Unified CM Group	Region	Date/TI
<input type="checkbox"/>	Default	Default	Default	CMLocal
<input type="checkbox"/>	Default	Default	Default	CMLocal
<input type="checkbox"/>	GSM	Default	GSM	CMLocal

Locations:

Locations

Locations (1 - 3 of 3)

Find Locations where Location begins with

<input type="checkbox"/>	Location
<input type="checkbox"/>	Hub_None
<input type="checkbox"/>	Phantom
<input type="checkbox"/>	Shadow

CSS:

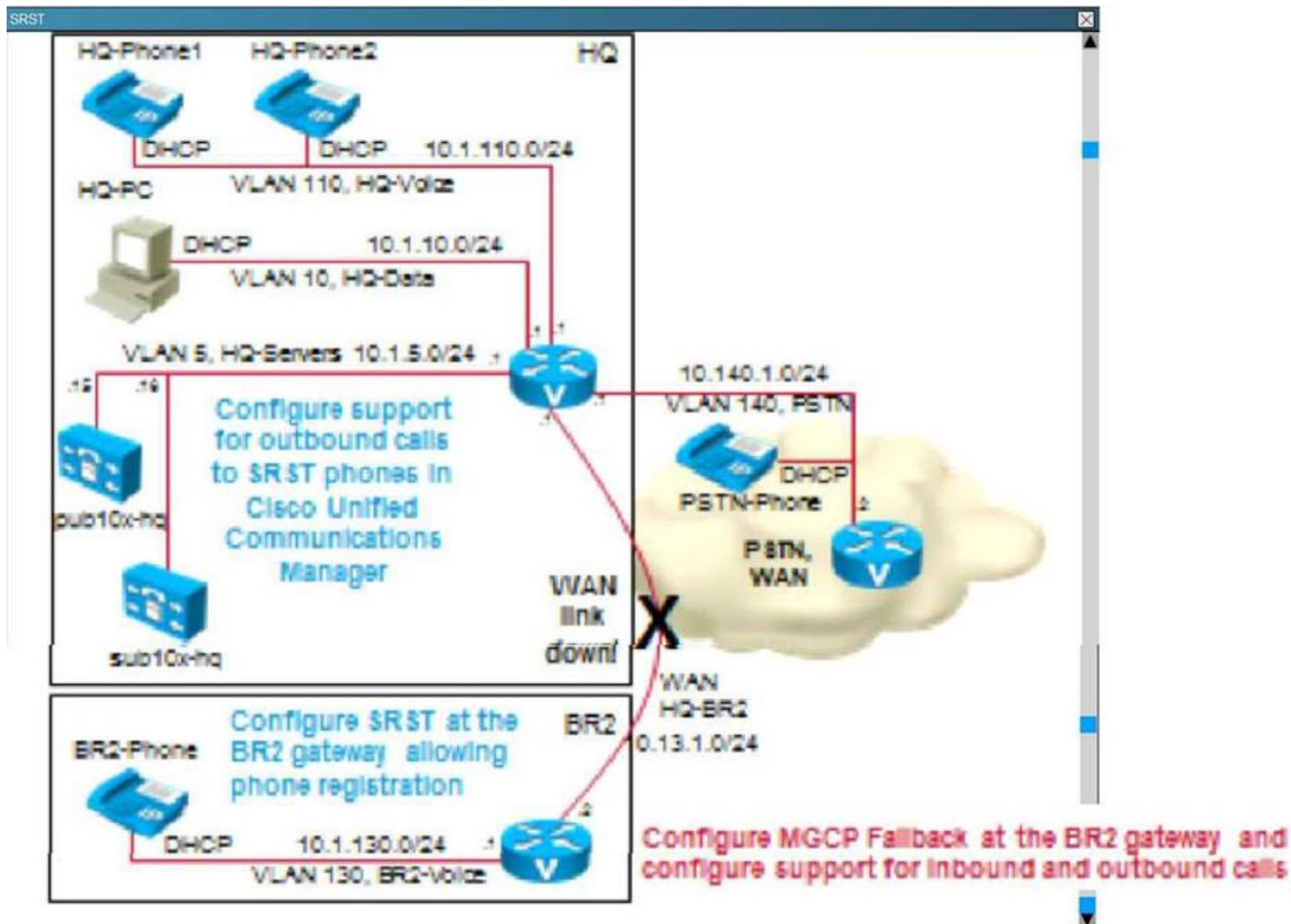
CSS

Calling Search Space (1 - 2 of 2)

Find Calling Search Space where CSS Name begins with

<input type="checkbox"/>	CSS Name ^
<input type="checkbox"/>	All-Devices
<input type="checkbox"/>	All-Devices

SRST:



SRST-BR2-Config:

```

SRST-BR2-Config
■ Name: BR2
■ Port: 2000
■ IP Address: 10.1.5.15
■ SIP Network/IP Address: 10.1.5.15
    
```

BR2 Config:

```

BR2 Config
voice service voip
  sip
    bind control source-interface
GigabitEthernet0/0/0.130
    bind media source-interface
GigabitEthernet0/0/0.130
  registrar server
  !
voice register global
  max-dn 1
  max-pool 1
  !
voice register pool 1
  id network 10.1.130.0 mask 255.255.25
call-manager-fallback
  ip source-address 10.1.130.1
  max-dn 1 dual-line
  max-ephones 1
  
```

SRSTPSTNCall:

At the HQ cluster, the CFUR for the directory number that is applied to BR2 phone (+442288224001) has been configured:

- Forward Unregistered Internal Destination: **+442288224001**
- Forward Unregistered Internal Calling Search Space: System css
- Forward Unregistered External Destination: **+442288224001**
- Forward Unregistered External Calling Search Space: System css

Which device configuration option will allow an administrator to control bandwidth between calls placed between branches?

- A. Media Resource Group List
- B. Device Pool
- C. Location
- D. AAR Group
- E. Regions

Answer: C

NEW QUESTION 305

Scenario:

There are two call control systems in this item.

The Cisco UCM is controlling the DX650, the Cisco Jabber for Windows Client, and the 7965 and 9971 Video IP Phones.

The Cisco VCS and TMS control the Cisco TelePresence Conductor, the Cisco TelePresence MCU, and the Cisco Jabber TelePresence for Windows.

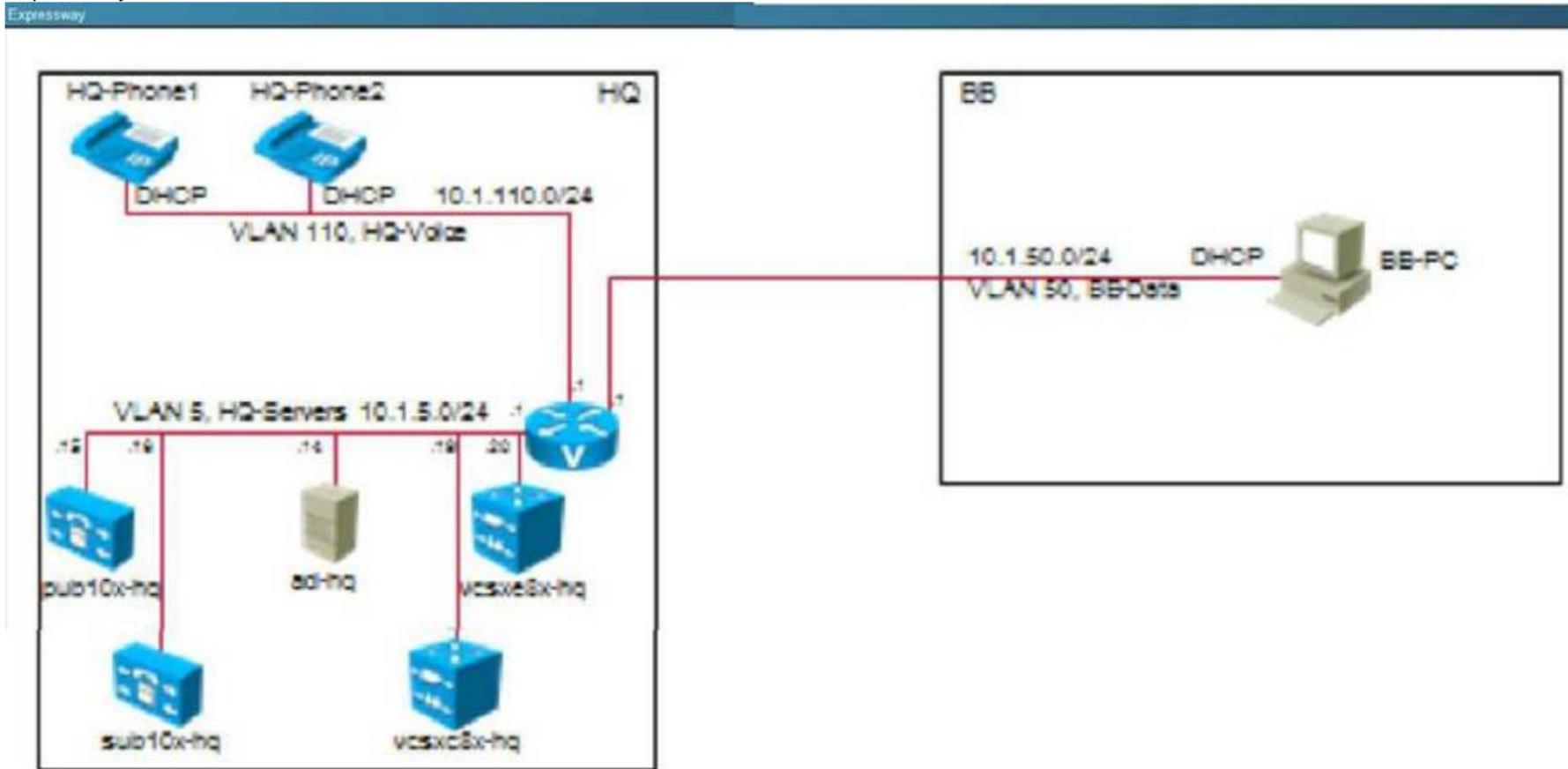
DNS Server:

```
ip dns server
ip host _cisco-uds._tcp.hq.cisco.com srv 1 1 8443 10.1.5.15
ip host _cisco-uds._tcp.hq.cisco.com srv 1 1 8443 10.1.5.16
ip host pub10x-hq.collab10x.cisco.com 10.1.5.15
ip host sub10x-hq.collab10x.cisco.com 10.1.5.16
ip host pub10x-hq.hq.collab10x.cisco.com 10.1.5.15
ip host sub10x-hq.hq.collab10x.cisco.com 10.1.5.16
ip host hq.cisco.com 10.1.5.1
```

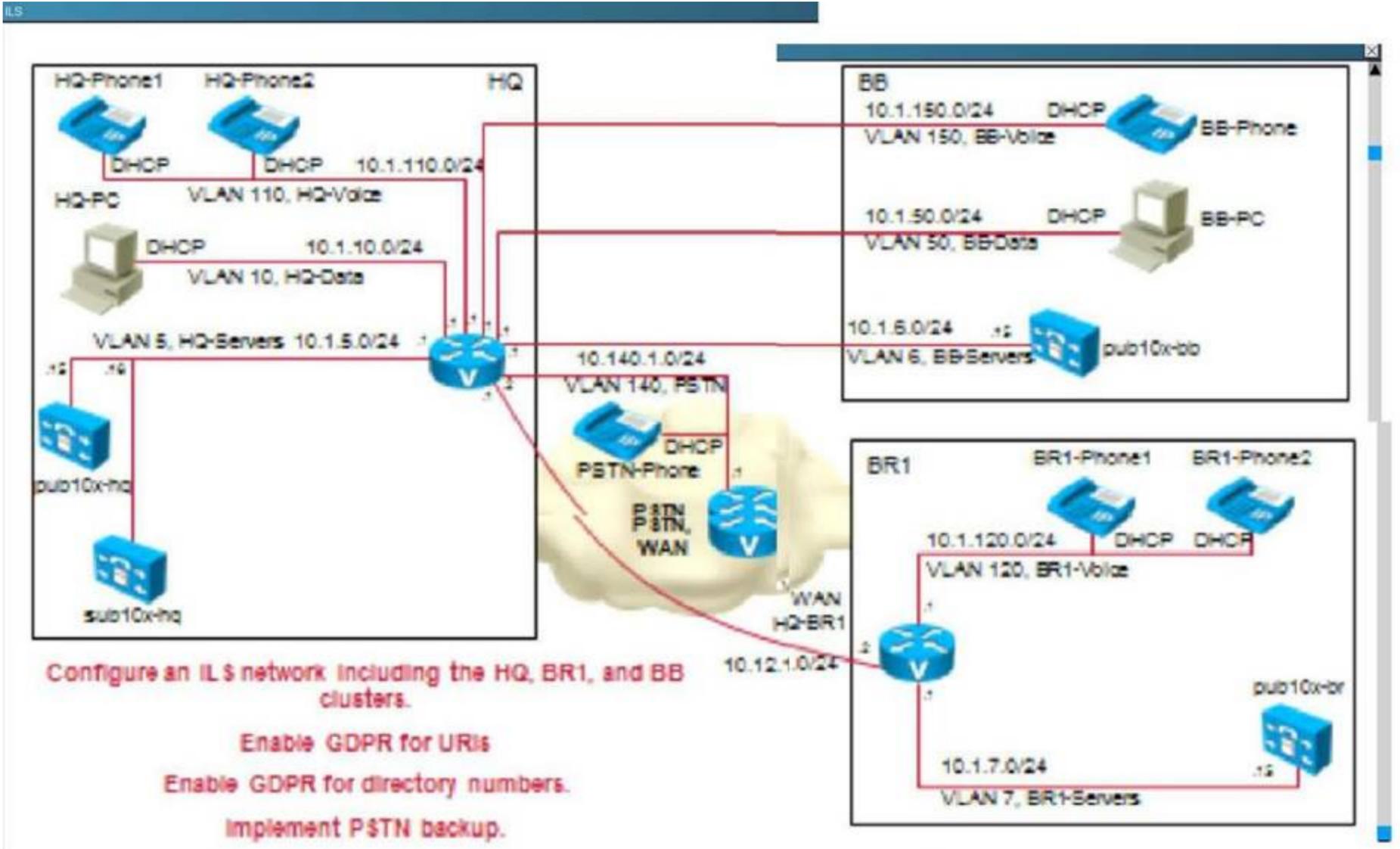
Device Pool:

Device Pool (1 - 3 of 3)				
Name	Osco Unified CM Group	Region	Date/Time	
<input type="checkbox"/> Default	Default	Default	CMLocal	
<input type="checkbox"/> Default	Default	Default	CMLocal	
<input type="checkbox"/> GSM	Default	GSM	CMLocal	

Expressway:



ILS:



Locations:

Locations

Locations (1 - 3 of 3)

Find Locations where Location begins with Find Clear Filter

<input type="checkbox"/>	
<input type="checkbox"/>	Hub_None
<input type="checkbox"/>	Phantom
<input type="checkbox"/>	Shadow

MRA:

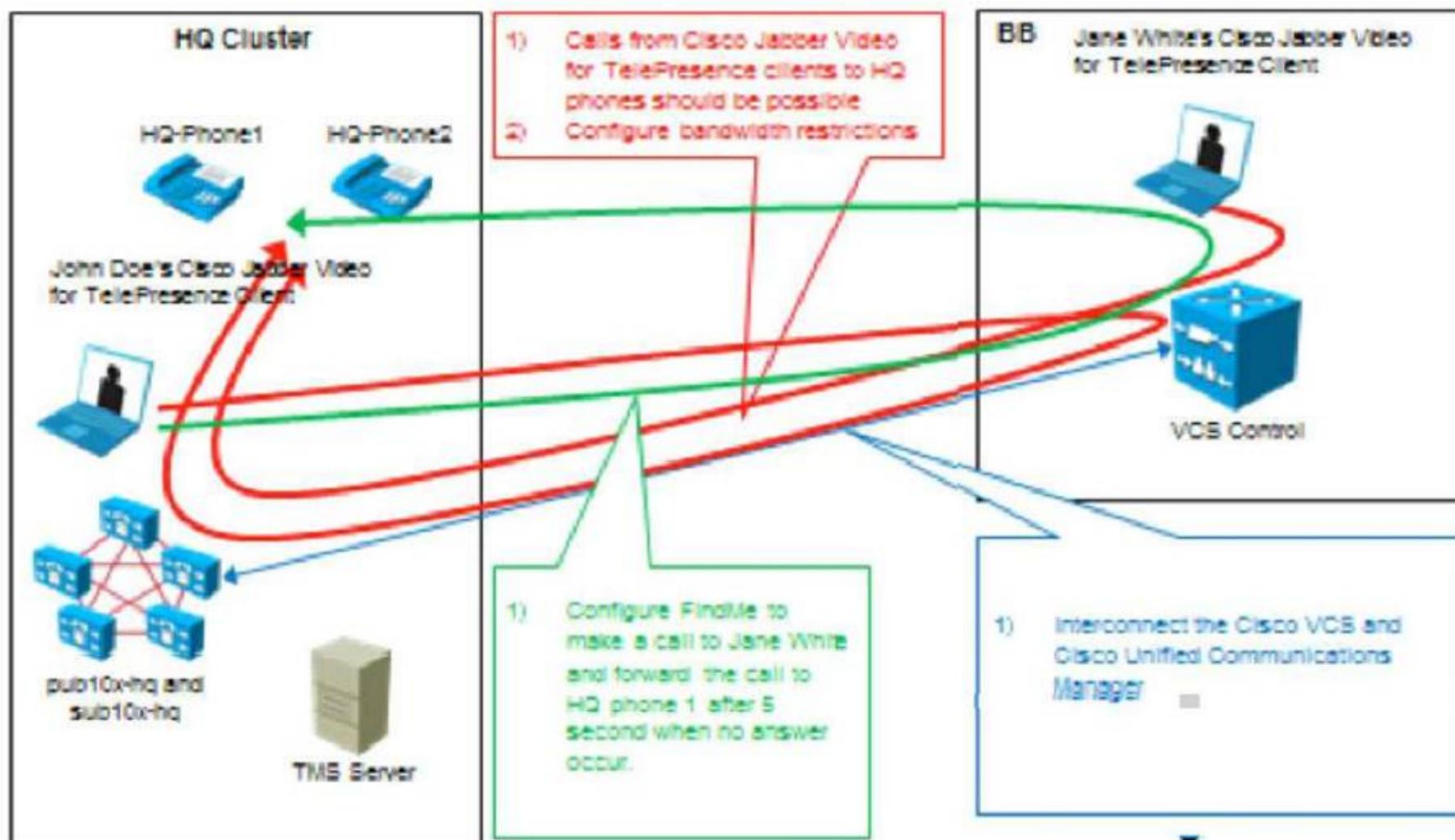
```
ip host _collab-edge._tls.hq.cisco.com SRV 1 1 8443 vcsxe8x-
hq.hq.collab10x.cisco.com
ip host vcsxe8x-hq.hq.collab10x.cisco.com 10.1.5.20
```

Speed Dial:

Phone	Speed Dial Button	Speed Dial Destination
HQ phone 1	1	hq2@cisco.lab
HQ phone 1	2	br1@cisco.lab
HQ phone 1	3	bb@cisco.lab
HQ phone 2	1	hq1@cisco.lab
HQ phone 2	2	br1@cisco.lab
HQ phone 2	2	br1@cisco.lab
HQ phone 2	3	bb@cisco.lab
BR1 phone 1	1	hq1@cisco.lab
BR1 phone 1	2	hq2@cisco.lab
BR1 phone 1	3	bb@cisco.lab
BB phone	1	hq1@cisco.lab
BB phone	2	hq2@cisco.lab

SIP Trunk:

SIP Trunk



Which three configuration tasks need to be completed on the router to support the registration of Cisco Jabber clients? (Choose three.)

- A. The DNS server has the wrong IP address.
- B. The internal DNS Service (SRV) records need to be updated on the DNS Server.
- C. Flush the DNS Cache on the client.
- D. The DNS AOR records are wrong.

E. Add the appropriate DNS SRV for the Internet entries on the DNS Server.

Answer: BCE

NEW QUESTION 308

Scenario:

There are two call control systems in this item.

The Cisco UCM is controlling the DX650, the Cisco Jabber for Windows Client, and the 7965 and 9971 Video IP Phones.

The Cisco VCS and TMS control the Cisco TelePresence Conductor, the Cisco TelePresence MCU, and the Cisco Jabber TelePresence for Windows.

DNS Server:

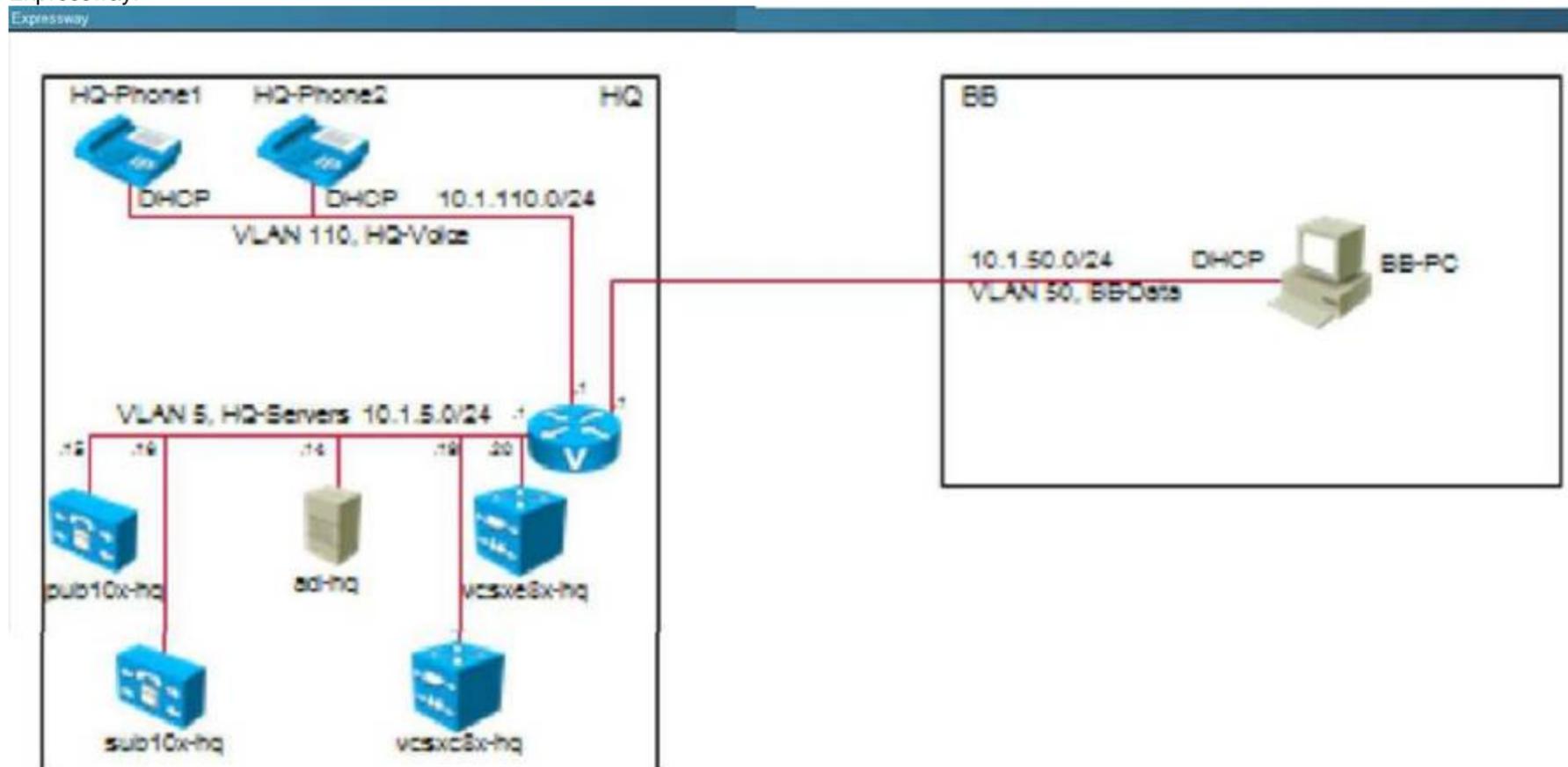
```
ip dns server
ip host _cisco-uds._tcp.hq.cisco.com srv 1 1 8443 10.1.5.15
ip host _cisco-uds._tcp.hq.cisco.com srv 1 1 8443 10.1.5.16
ip host pub10x-hq.collab10x.cisco.com 10.1.5.15
ip host sub10x-hq.collab10x.cisco.com 10.1.5.16
ip host pub10x-hq.hq.collab10x.cisco.com 10.1.5.15
ip host sub10x-hq.hq.collab10x.cisco.com 10.1.5.16
ip host hq.cisco.com 10.1.5.1
```

Device Pool:

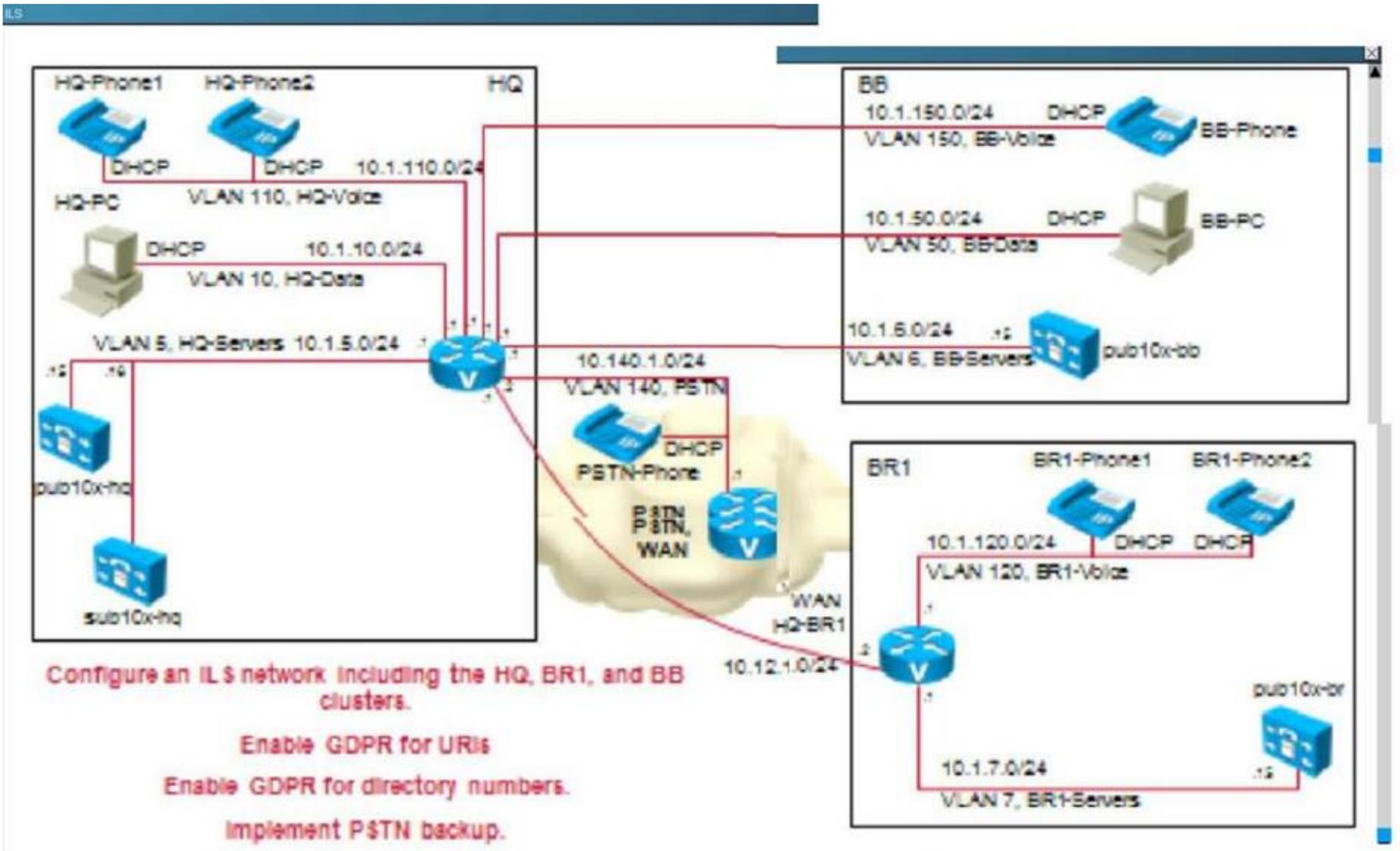
Device Pool (1 - 3 of 3)					
Find Device Pool where		Device Pool Name	begins with	Find	Clear Filter
<input type="checkbox"/>	Name ^	Cisco Unified CM Group	Region	Date/Ti	
<input type="checkbox"/>	Default	Default	Default	CMLocal	
<input type="checkbox"/>	Default	Default	Default	CMLocal	
<input type="checkbox"/>	GSM	Default	GSM	CMLocal	

Buttons: Add New, Select All, Clear All, Delete Selected

Expressway:



ILS:



Locations:

Locations

Locations (1 - 3 of 3)

Find Locations where Location begins with Find Clear Filter + -

<input type="checkbox"/>	
<input type="checkbox"/>	Hub_None
<input type="checkbox"/>	Phantom
<input type="checkbox"/>	Shadow

Add New Select All Clear All Delete Selected

MRA:

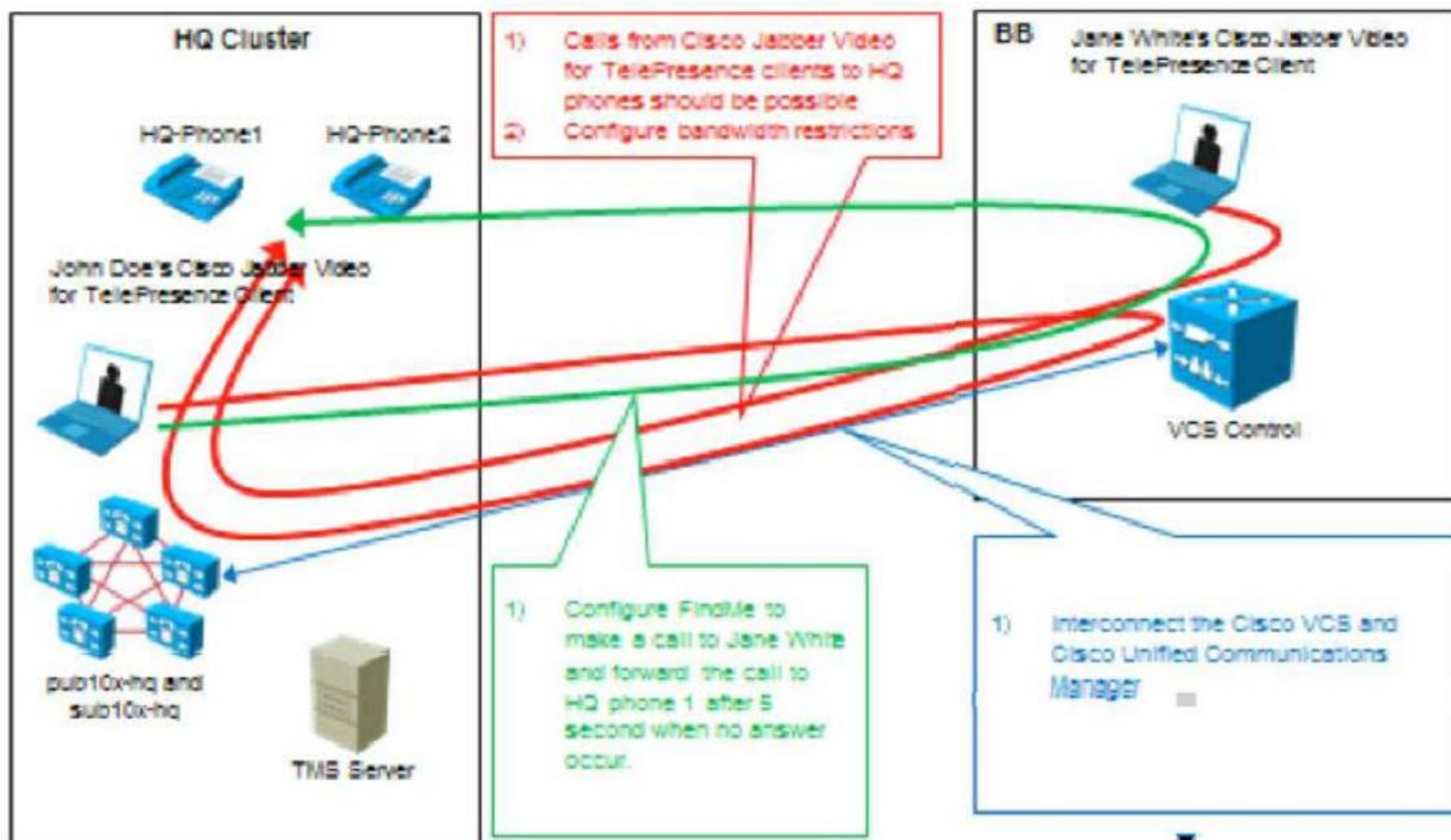
```
ip host _collab-edge._tls.hq.cisco.com SRV 1 1 8443 vcsxe8x-
hq.hq.collab10x.cisco.com
ip host vcsxe8x-hq.hq.collab10x.cisco.com 10.1.5.20
```

Speed Dial:

Phone	Speed Dial Button	Speed Dial Destination
HQ phone 1	1	hq2@cisco.lab
HQ phone 1	2	br1@cisco.lab
HQ phone 1	3	bb@cisco.lab
HQ phone 2	1	hq1@cisco.lab
HQ phone 2	2	br1@cisco.lab
HQ phone 2	2	br1@cisco.lab
HQ phone 2	3	bb@cisco.lab
BR1 phone 1	1	hq1@cisco.lab
BR1 phone 1	2	hq2@cisco.lab
BR1 phone 1	3	bb@cisco.lab
BB phone	1	hq1@cisco.lab
BB phone	2	hq2@cisco.lab

SIP Trunk:

SIP Trunk



The intercluster URI call routing no longer allows calls between sites. What is the reason why this would happen?

- A. Wrong SIP domain configured.
- B. User is not associated with the device.
- C. IP or DNS name resolution issue.
- D. No SIP route patterns for cisco.lab exist.

Answer: CD

NEW QUESTION 309

Scenario:

There are two call control systems in this item.

The Cisco UCM is controlling the DX650, the Cisco Jabber for Windows Client, and the 7965 and 9971 Video IP Phones.

The Cisco VCS and TMS control the Cisco TelePresence Conductor, the Cisco TelePresence MCU, and the Cisco Jabber TelePresence for Windows.

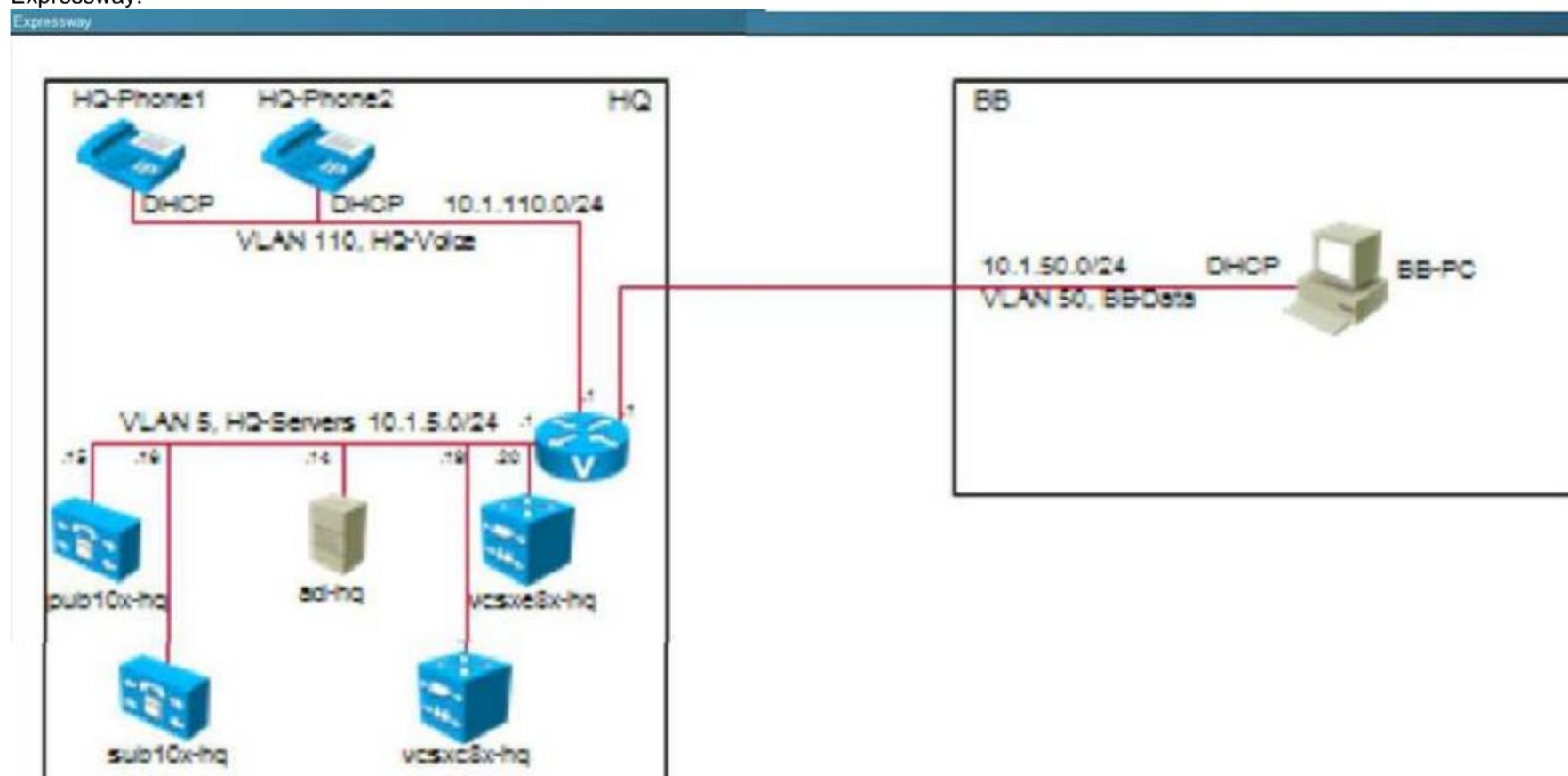
DNS Server:

```
ip dns server
ip host _cisco-uds._tcp.hq.cisco.com srv 1 1 8443 10.1.5.15
ip host _cisco-uds._tcp.hq.cisco.com srv 1 1 8443 10.1.5.16
ip host pub10x-hq.collab10x.cisco.com 10.1.5.15
ip host sub10x-hq.collab10x.cisco.com 10.1.5.16
ip host pub10x-hq.hq.collab10x.cisco.com 10.1.5.15
ip host sub10x-hq.hq.collab10x.cisco.com 10.1.5.16
ip host hq.cisco.com 10.1.5.1
```

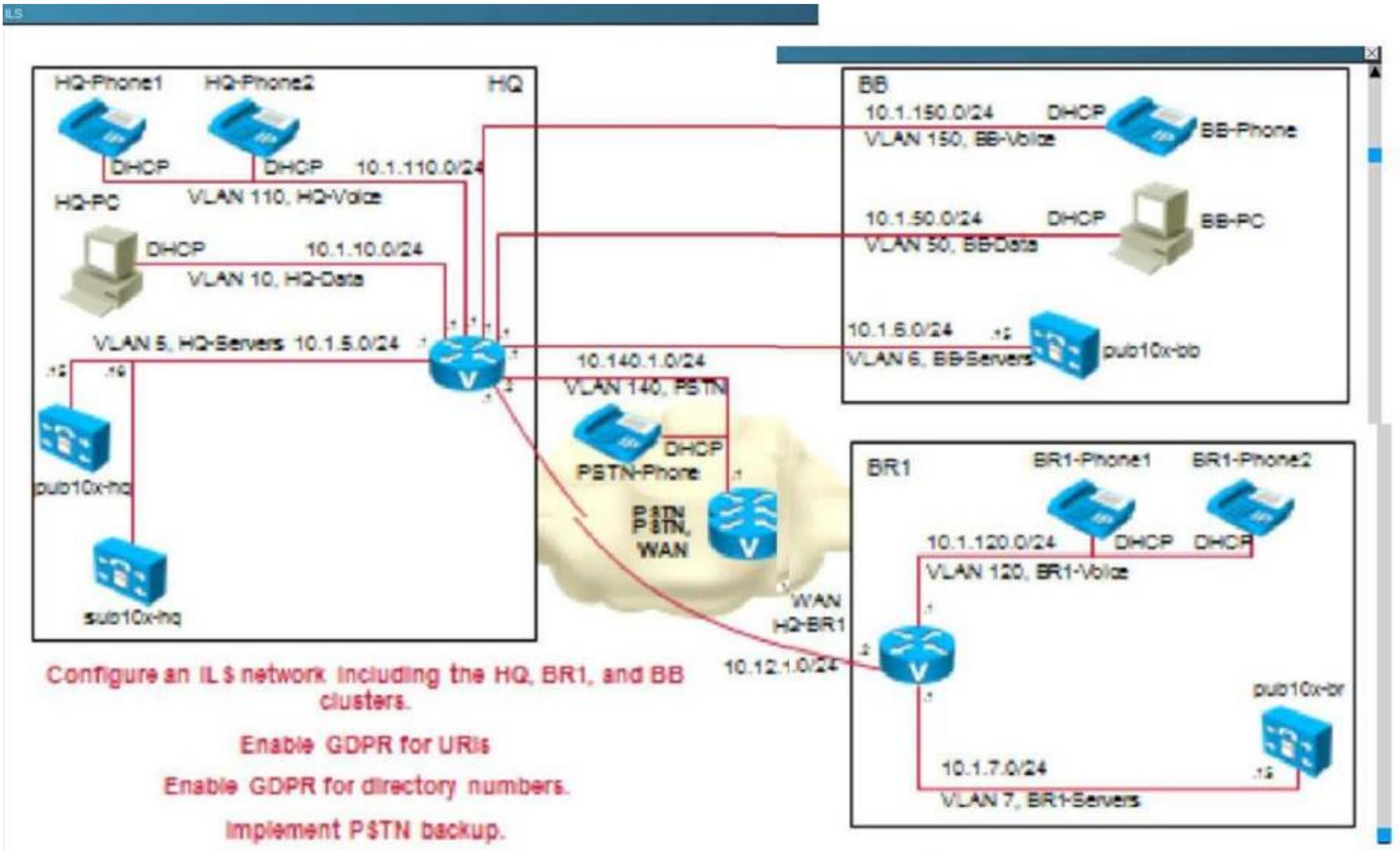
Device Pool:

Device Pool (1 - 3 of 3)					
Name	Cisco Unified CM Group	Region	Date/Time		
Default	Default	Default	CMLocal	<input type="checkbox"/>	
Default	Default	Default	CMLocal	<input type="checkbox"/>	
GSM	Default	GSM	CMLocal	<input type="checkbox"/>	

Expressway:



ILS:



Locations:

Locations

Locations (1 - 3 of 3)

Find Locations where Location begins with

<input type="checkbox"/>	
<input type="checkbox"/>	Hub_None
<input type="checkbox"/>	Phantom
<input type="checkbox"/>	Shadow

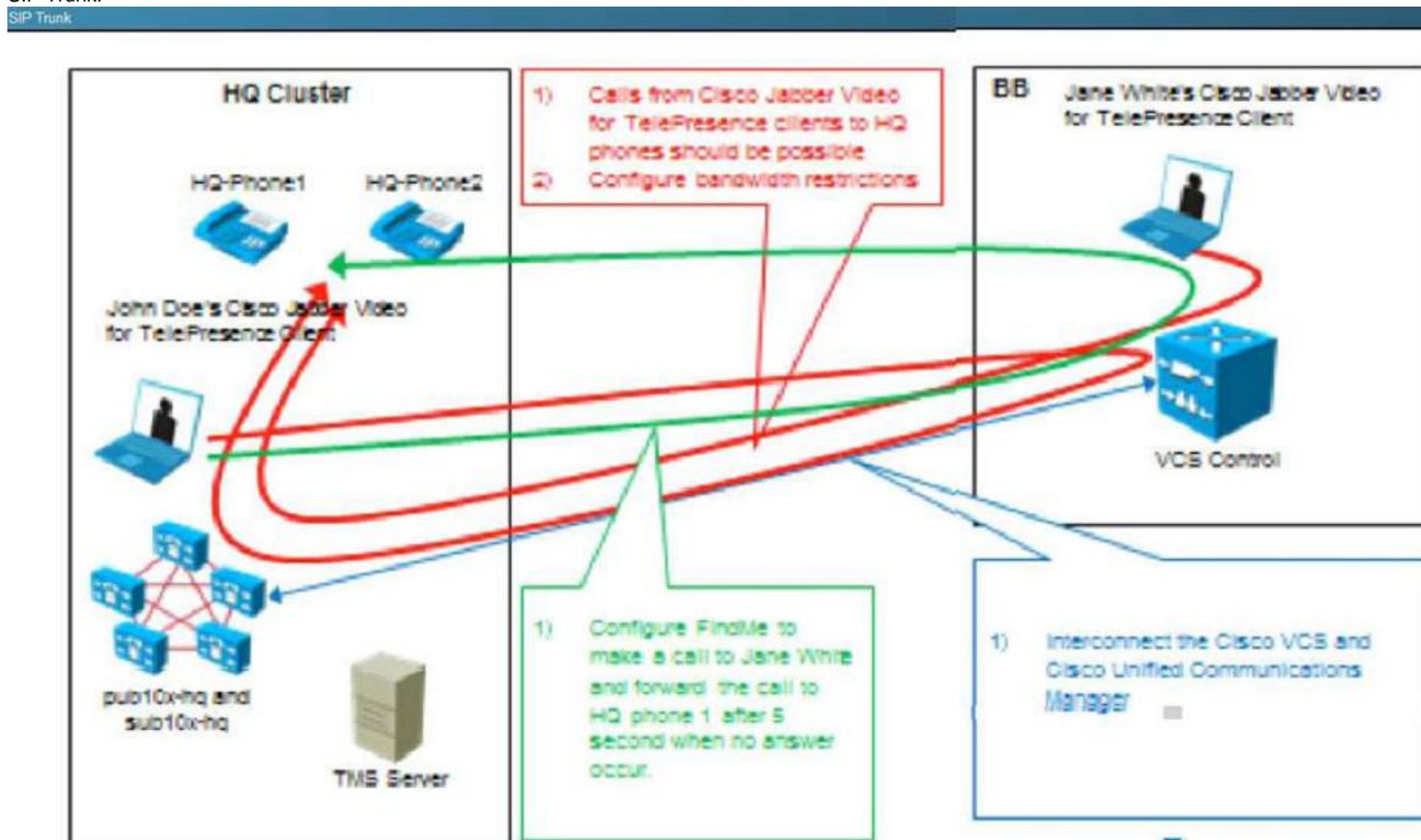
MRA:

```
ip host _collab-edge._tls.hq.cisco.com SRV 1 1 8443 vcsxe8x-
hq.hq.collab10x.cisco.com
ip host vcsxe8x-hq.hq.collab10x.cisco.com 10.1.5.20
```

Speed Dial:

Phone	Speed Dial Button	Speed Dial Destination
HQ phone 1	1	hq2@cisco.lab
HQ phone 1	2	br1@cisco.lab
HQ phone 1	3	bb@cisco.lab
HQ phone 2	1	hq1@cisco.lab
HQ phone 2	2	br1@cisco.lab
HQ phone 2	2	br1@cisco.lab
HQ phone 2	3	bb@cisco.lab
BR1 phone 1	1	hq1@cisco.lab
BR1 phone 1	2	hq2@cisco.lab
BR1 phone 1	3	bb@cisco.lab
BB phone	1	hq1@cisco.lab
BB phone	2	hq2@cisco.lab

SIP Trunk:



What two tasks must be completed in order to support calls between the VCS controlled endpoints and the Cisco Unified CM endpoints? (Choose two.)

- A. Media Resource Group List.
- B. Configure a SIP trunk on the Cisco Unified CM to point to the Cisco VCS.
- C. Configure a neighbor zone on the Cisco Unified CM to point to the Cisco VCS.
- D. Configure a SIP trunk on the Cisco VCS to point to the Cisco Unified CM.
- E. Configure a neighbor zone on the Cisco VCS to point to the Cisco Unified CM.

Answer: CD

NEW QUESTION 314

A video endpoint is configured with SIP only. What does a video endpoint use to register with the VCS Control?

- A. IP address
- B. SIP URI
- C. MAC address
- D. system name

Answer: B

NEW QUESTION 318

Which zone will the VCS Control use to route calls to the VCS Expressway?

- A. neighbor zone
- B. DNS zone
- C. traversal client zone
- D. ENUM zone

Answer: C

NEW QUESTION 322

When you connect a Cisco VCS Control to Cisco Unified Communications Manager by using a SIP trunk, which mechanism do you use to verify that the trunk has an active connection?

- A. OPTIONS ping
- B. DNS tracing
- C. Continuous ping
- D. Dynamic DNS

Answer: A

NEW QUESTION 325

Which DNS SRV Records must be configured on the external DNS server in a mobile remote access scenario with Cisco Expressway?

- A. _collab-edge._tls.example.com
- B. _collab-edge._udp.example.com
- C. _cisco-uds._tcp.example.com
- D. _cuplogin._tcp.example.com

Answer: A

NEW QUESTION 326

Company X currently uses a Cisco Unified Communications Manager, which has been configured for IP desk phones and Jabber soft phones. Users report however that whenever they are out of the office, a VPN must be set up before their Jabber client can be used. The administrator for Company X has deployed a Collaboration Expressway server at the edge of the network in an attempt to remove the need for VPN when doing voice. However, devices outside cannot register.

Which two additional steps are needed to complete this deployment? (Choose two.)

- A. A SIP trunk has to be set up between the Expressway-C and Cisco UCM.
- B. An additional interface must be enabled on the Cisco UCM and placed in the same subnet at the Expressway.
- C. The customer firewall must be configured with any rule for the IP address of the external Jabber client.
- D. The Expressway server needs a neighbor zone created that points to Cisco UCM.
- E. Jabber cannot connect to Cisco UCM unless it is on the same network or a VPN is set up from outside.

Answer: AD

NEW QUESTION 329

Company X wants to implement RSVP-based Call Admission Control and move away from the current location-based configuration. Where does the administrator go to create a default profile?

- A. System > Call Manager > Clusterwide > Service Parameters > RSVP
- B. System > Service Parameters > RSVP
- C. System > Service Parameters > Call Manager > Clusterwide parameters > RSVP
- D. on each MGCP gateway at all remote locations

Answer: C

NEW QUESTION 332

Where can you change the clusterwide DSCP setting for Cisco Unified Communications Manager?

- A. enterprise parameters
- B. service parameters
- C. enterprise phone configuration
- D. Ethernet configuration

Answer: B

NEW QUESTION 334

Refer to the exhibit.

```
Router#sh policy-map interface serial0/3/0
Serial0/3/0

Service-policy output: VOICE-VIDEO

  queue stats for all priority classes:

    queue limit 64 packets
    (queue depth/total drops/no-buffer drops) 0/0/0
    (pkts output/bytes output) 0/0

  Class-map: VOICE (match-all)
  0 packets, 0 bytes
  5 minute offered rate 0 bps, drop rate 0 bps
  Match: dscp ef (46)
  Priority: 10% (153 kbps), burst bytes 3800, b/w exceed drops: 0

  Class-map: VIDEO (match-all)
  0 packets, 0 bytes
  5 minute offered rate 0 bps, drop rate 0 bps
  Match: dscp af41 (34)
  Queueing
  queue limit 64 packets
  (queue depth/total drops/no-buffer drops) 0/0/0
  (pkts output/bytes output) 0/0
  bandwidth 25% (384 kbps)

  Class-map: TELEPRESENCE (match-all)
  0 packets, 0 bytes
  5 minute offered rate 0 bps, drop rate 0 bps
  Match: dscp af32 (28)
  Queueing
  queue limit 64 packets
  (queue depth/total drops/no-buffer drops) 0/0/0
  (pkts output/bytes output) 0/0
  bandwidth 25% (384 kbps)

  Class-map: class-default (match-any)
  10 packets, 560 bytes
  5 minute offered rate 0 bps, drop rate 0 bps
  Match: any
  Queueing
  queue limit 64 packets
  (queue depth/total drops/no-buffer drops/flowdrops) 0/0/0/0
  (pkts output/bytes output) 10/560
  Fair-queue: per-flow queue limit 16
```

What is the correct value to use for the "DSCP for TelePresence Calls" Cisco CallManager service parameter?

- A. 28 (011100)
- B. 34 (100010)
- C. 41 (101001)
- D. 46 (101110)

Answer: A

NEW QUESTION 338

Which two statements about remote survivability are true? (Choose two.)

- A. SRST supports more Cisco IP Phones than Cisco Unified Communications Manager Express in SRST mode.
- B. Cisco Unified Communications Manager Express in SRST mode supports more Cisco IP Phones than SRST.
- C. MGCP fallback is required for ISDN call preservation.
- D. MGCP fallback functions with SRST.

Answer: AD

NEW QUESTION 342

Which two options enable routers to provide basic call handling support for Cisco Unified IP Phones if they lose connection to all Cisco Unified Communications Manager systems? (Choose two.)

- A. SCCP fallback
- B. Cisco Unified Survivable Remote Site Telephony
- C. Cisco Unified Communications Manager Express
- D. MGCP fallback
- E. Cisco Unified Communications Manager Express in SRST mode

Answer: BE

NEW QUESTION 344

Which three CLI commands are used when configuring H.323 call survivability for all calls? (Choose three.)

- A. voice service voip
- B. telephony-service
- C. h323
- D. call preserve
- E. call-router h323-annexg
- F. transfer-system

Answer: ACD

NEW QUESTION 347

How long is the default keepalive period for SRST in Cisco IOS?

- A. 45 sec
- B. 30 sec
- C. 60 sec
- D. 120 sec

Answer: B

NEW QUESTION 351

Which option is a valid test scenario to verify that Cisco Unified Communications Manager failover works and endpoints register with the backup call manager?

- A. During a predetermined maintenance window, stop the Cisco IP Phone Services service on the primary Unified C
- B. Devices should reregister with the backup Unified CM in the Cisco CallManager Group.
- C. During a predetermined maintenance window, stop the Unified CM service on the Publish
- D. Devices should reregister with the backup Publisher in the Cisco CallManager Group.
- E. During a predetermined maintenance window, stop the TFTP service on the primary call manage
- F. Devices should reregister with the backup Unified CM in the Cisco CallManager Group.
- G. During a predetermined maintenance window, stop the Unified CM service on the primary call manage
- H. Devices should reregister with the backup Unified CM in the CallManager Group.

Answer: D

NEW QUESTION 353

What are two important considerations when implementing TEHO to reduce long-distance cost? (Choose two.)

- A. on-net calling patterns
- B. E911 calling
- C. number of route patterns
- D. caller ID

Answer: BD

NEW QUESTION 355

In Cisco Unified Communications Manager, where do you configure the +E.164 number that is advertised globally via ILS?

- A. ILS configuration under Advanced Features
- B. +E.164 alternate number under Directory Number Settings
- C. Device Information under Phone Configuration
- D. Route Pattern under Route/Hunt

Answer: B

NEW QUESTION 356

When using SAF, how do you prevent multiple nodes in a cluster from showing up in the Show Advance section of the SAF Forwarder configuration?

- A. Configure the publisher node only in the SAF Forwarder configuration page.
- B. Append an @ symbol at the end of the client label value in the SAF Forwarder configuration page.
- C. Configure the correct node in the EIGRP configuration of the gateway router that is associated with the Cisco Unified Communications Manager node.
- D. Configure the SAF Security Profile Configuration to support only a single node.

Answer: B

NEW QUESTION 359

If you want to delete a SAF-enabled trunk from Cisco Unified Communications Manager Administration, what must you do first?

- A. Disassociate the trunk from the CCD advertising service or CCD requesting service.
- B. Delete the trunk from the CCD requesting service node.
- C. Place the Cisco Unified Communications Manager node in standby mode.
- D. Redirect CCD advertising and requesting services to another Cisco Unified Communications Manager.

Answer: A

NEW QUESTION 364

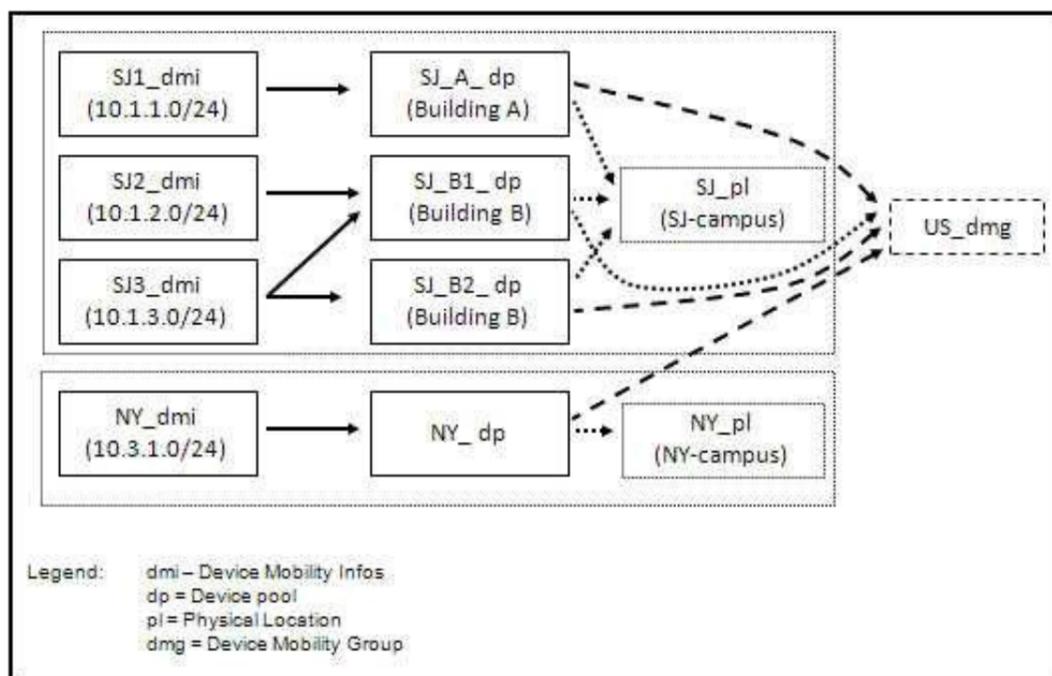
Which functionality does ILS use to link all hub clusters in an ILS network?

- A. Fullmesh
- B. Automesh
- C. ILS updates
- D. multicast

Answer: B

NEW QUESTION 366

Refer to the exhibit.



If an IP phone in San Jose roams to New York, which two IP phone settings will be modified by Device Mobility so that the phone can place and receive calls in New York? (Choose two.)

- A. The physical locations are not different, so the configuration of the phone is not modified.
- B. The physical locations are different, so the roaming-sensitive parameters of the roaming device pool are applied.
- C. The device mobility groups are the same, so the Device Mobility-related settings are applied in addition to the roaming-sensitive parameters.
- D. The Device Mobility information is associated with one or more device pools other than the home device pool of the phone, so one of the associated device pools is chosen based on a round-robin load-sharing algorithm.
- E. The Device Mobility information is associated with the home device pool of the phone, so the phone is considered to be in its home location.
- F. Device Mobility will reconfigure the roaming-sensitive settings of the phone.

Answer: BC

NEW QUESTION 367

What happens when a user logs in using the Cisco Extension Mobility Service on a device for which the user has no user device profile?

- A. The Extension Mobility log in fails.
- B. The device takes on the default device profile for its type.
- C. The user can log in but does not have access to any features, soft key templates, or button templates.
- D. The device uses the first device profile assigned to the user in Cisco Unified Communications Manager.

Answer: B

NEW QUESTION 369

Which three steps are required when configuring extension mobility in Cisco Unified Communications Manager? (Choose three.)

- A. Create the extension mobility IP Phone Service.
- B. Check the Home Cluster checkbox on the End User Configuration page.
- C. Check the Enable Extension Mobility checkbox on the Directory Number Configuration page.
- D. Unsubscribe all other services from the Cisco IP Phone.
- E. Create a user Device Profile.
- F. Subscribe the extension mobility IP Phone Service to the user Device Profile.

Answer: AEF

NEW QUESTION 374

How many Cisco Unified Mobility destinations can be configured per user?

- A. 1
- B. 10
- C. 4
- D. 6

Answer: B

NEW QUESTION 377

When configuring Cisco Unified Mobility, which parameter defines the access control for a call that reaches out to a remote destination?

- A. Calling Party Transformation Calling Search Space under Remote Destination Profile Information
- B. User Local under Remote Destination Profile Information
- C. Rerouting Calling Search Space under Remote Destination Profile Information
- D. Rerouting Calling Search Space under Remote Destination information
- E. Calling Search Space under Phone Configuration

Answer: C

NEW QUESTION 380

Which two bandwidth management parameters are available during the configuration of Cisco Unified Communications Manager regions? (Choose two.)

- A. Default Audio Call Rate
- B. Max Audio Bit Rate
- C. Default Video Call Rate
- D. Max Video Call Bit Rate (Includes Audio)
- E. Max Number of Video Sessions

Answer: BD

NEW QUESTION 385

In Cisco Unified Communications Manager, where do you configure the default bit rate for audio and video devices?

- A. Enterprise Parameters
- B. Region under Region Information
- C. Cisco CallManager service under Service Parameter Configuration
- D. Enterprise Phone Configuration

Answer: C

NEW QUESTION 386

Which module is the minimum PVDM3 module needed to support video transcoding?

- A. PVDM3-32
- B. PVDM3-64
- C. PVDM3-128
- D. PVDM3-192

Answer: C

NEW QUESTION 387

When implementing a Media Termination Point, what determines the number of sessions that is supported on each DSP?

- A. the codecs that are used in universal transcoding mode
- B. the size of the cluster that is being designed
- C. the number of full-duplex media streams
- D. the Cisco Unified Communications Manager node setting

Answer: A

NEW QUESTION 388

Which statement is true when considering a Cisco VoIP environment for regional configuration?

- A. G.711 requires 128K of bandwidth per call.
- B. G.729 requires 24K of bandwidth per call.
- C. The default codec does not matter if you have defined a hardware MTP in your Cisco Unified Communications Manager environment.
- D. To deploy a Cisco H.323 gatekeeper, you must configure MTP resources on the gatekeeper and only use G.711 between regions.

Answer: C

NEW QUESTION 392

When a call is made from a video endpoint to a Cisco TelePresence EX90 that is registered to a Cisco VCS Control, which portion of the destination URI is the is the first match that is attempted?

- A. the full URI, including the domain portion
- B. the destination alias, without the domain portion
- C. the E.164 number that is assigned to the Cisco TelePresence EX90
- D. the directory number that is assigned to the Cisco TelePresence EX90

Answer: B

NEW QUESTION 393

In a distributed call processing network with locations-based CAC, calls are routed to and from intercluster trunks. Which trunk type is implemented in this network?

- A. intercluster trunk with gatekeeper control
- B. intercluster trunk without gatekeeper control
- C. SIP trunk
- D. h225 trunk

Answer: B

NEW QUESTION 396

Refer to the exhibit.

```
Router(config)#class-map VIDEO
Router(config-cmap)#match dscp ?
<0-63> Differentiated services codepoint value
af11 Match packets with AF11 dscp (001010)
af12 Match packets with AF12 dscp (001100)
af13 Match packets with AF13 dscp (001110)
af21 Match packets with AF21 dscp (010010)
af22 Match packets with AF22 dscp (010100)
af23 Match packets with AF23 dscp (010110)
af31 Match packets with AF31 dscp (011010)
af32 Match packets with AF32 dscp (011100)
af33 Match packets with AF33 dscp (011110)
af41 Match packets with AF41 dscp (100010)
af42 Match packets with AF42 dscp (100100)
af43 Match packets with AF43 dscp (100110)
cs1 Match packets with CS1(precedence 1) dscp (001000)
cs2 Match packets with CS2(precedence 2) dscp (010000)
cs3 Match packets with CS3(precedence 3) dscp (011000)
cs4 Match packets with CS4(precedence 4) dscp (100000)
cs5 Match packets with CS5(precedence 5) dscp (101000)
cs6 Match packets with CS6(precedence 6) dscp (110000)
cs7 Match packets with CS7(precedence 7) dscp (111000)
default Match packets with default dscp (000000)
ef Match packets with EF dscp (101110)

Router(config-cmap)#match dscp █
```

The "DSCP for Video Calls" Cisco CallManager service parameter is set to 34. What is the correct DSCP value to use when configuring a class map in a Cisco IOS router?

- A. cs4
- B. ef
- C. af23
- D. af41

Answer: D

NEW QUESTION 401

A voice engineer is enabling video capabilities between H.323 and SIP endpoints. Which component allows for standardized caller addresses between the endpoints?

- A. search rules
- B. SIP route pattern
- C. policy service
- D. transform

Answer: B

Explanation:

Reference: http://www.cisco.com/en/US/tech/tk652/tk701/technologies_configuration_guide_chapter09186a00800eadee.html

NEW QUESTION 405

Which two statements about Cisco Unified Communications Manager Extension Mobility are true? (Choose two.)

- A. After an autogenerated device profile is created, you can associate it with one or more users.
- B. An autogenerated device profiles can be loaded on a device at the same time as a user profile.
- C. A device can adopt a user profile even when no user is logged in.
- D. A device profile has most of the same attributes as a physical device.
- E. Devices can be configured to allow more than one user to be logged in at the same time.

Answer: BC

Explanation:

Reference: http://www.cisco.com/en/US/products/sw/voicesw/ps556/products_administration_guide_chapter_09186a0080153e60.html#wp1092734
Reference: http://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/srnd/8x/uc8x/dialplan.html#wp1153166

NEW QUESTION 406

Company X has a primary and a backup Cisco Unified Communications Manager instance. The administrator had to do maintenance on the primary node and did a shutdown, which resulted in a failover to the backup node. What happens when the primary node comes back online?

- A. The primary node becomes the backup node.
- B. Endpoints detect that the primary is back and reregisters automatically.
- C. The backup node must be shut down first to allow the endpoints to realize that the primary node is online again.
- D. Nothing, the endpoints only failover when the node they lose connection to their registered node.

Answer: B

NEW QUESTION 410

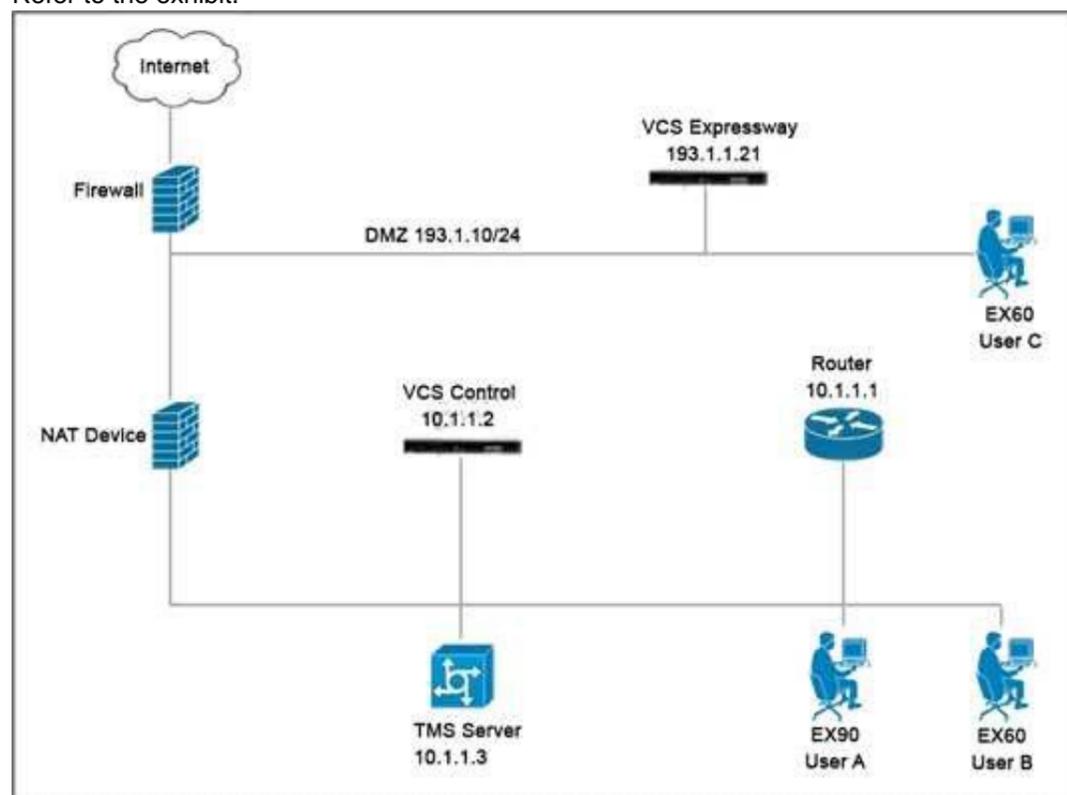
Company X has deployed a VCS Control with a local zone and a traversal client zone. To facilitate external calls, VCS Expressway is deployed and traversal server zone is set up there. Video endpoints inside Company X have registered, but are unable to receive calls from outside endpoints. Which option could be the cause of this issue?

- A. The traversal zone on the VCS Control does not have a search rule configured.
- B. The access control list on the VCS Control must be updated with the IP for the external users.
- C. When a traversal zone is set up on VCS Control only outbound calls are possible.
- D. The local zone on the VCS Control does not have a search rule configured.

Answer: B

NEW QUESTION 414

Refer to the exhibit.



An engineer receives a ticket to troubleshoot a one-way audio issue with these symptoms:
User A can hear user and vice versa.
User A can hear user C, however user cannot hear user A. User can hear user C, however user cannot hear user .
Which two properties are the most likely reasons for this issue? (Choose two.)

- A. The Cisco EX60 default gateway of user is missing from the network configuration.
- B. The NAT device is allowing only RTP/RTCP ports from the internal network to the DMZ.
- C. The Cisco EX60 of user is not responding to requests coming from the TMS server.
- D. The Cisco VCS Expressway is not responding to the SIP INVITE coming from the Cisco VCS Control.
- E. The router does not have a route back from the DMZ to the internal network.

Answer: CE

NEW QUESTION 416

Which three steps configure Cisco Unified Survivable Remote Site Telephony for SIP phones? (Choose three.)

- A. Configure voice register pool.
- B. Configure voice register global dn.
- C. Configure an SRST reference.
- D. Configure a phone NTP reference.

- E. Configure the SIP registrar.
- F. Configure telephony service.

Answer: ACE

NEW QUESTION 418

Which three options are overlapping parameters for roaming when a device is configured for Device Mobility? (Choose three.)

- A. device pool
- B. location
- C. network locale
- D. codec
- E. MRGL
- F. extension

Answer: BCE

Explanation:

The overlapping parameters for roaming-sensitive settings are Media Resource Group List, Location, and Network Locale. The overlapping parameters for the Device Mobility-related settings are Calling Search Space (called Device Mobility Calling Search Space at the device pool), AAR Group, and AAR Calling Search Space. Overlapping parameters configured at the phone have higher priority than settings at the home device pool and lower priority than settings at the roaming device pool. Reference: <https://supportforums.cisco.com/document/77096/device-mobility>

NEW QUESTION 421

An engineer is configuring Global Dial Plan Replication. On one cluster, she would like to prevent the local cluster from routing calls to a specific pattern learned via ILS. What should be configured within the local CUCM cluster to accomplish this?

- A. Create a block transformation pattern.
- B. Create a block route pattern.
- C. Create a block translation pattern.
- D. Create a block learned pattern.

Answer: C

NEW QUESTION 424

An engineer must resolve a call failure issue. When using RTMT, the engineer notices that the Location Bandwidth Manager-OutOfResources counter is showing a positive value. Which option is the cause of the call failure?

- A. lack of audio bandwidth
- B. lack of video bandwidth
- C. lack of transcoding resources
- D. lack of audio or video bandwidth
- E. lack of conferencing resources

Answer: A

NEW QUESTION 429

An engineer is performing an international multisite deployment and wants to create an effective backup method to access TEHO destinations in case the call limit triggers. Which technology provides this ability?

- A. AAR
- B. CFUR
- C. LRG
- D. SRST

Answer: A

NEW QUESTION 432

An engineer is configuring a SIP profile for Cisco VCS SIP trunk on Cisco Unified Communications Manager and enables the option "Use Fully Qualified Domain Name" in SIP Requests. Which result is achieved by enabling this option?

- A. Resolve FQDN using DNS type SRV record.
- B. Resolve FQDN using DNS type A record.
- C. Ensure FQDN is used in SIP Identity header.
- D. Ensure FQDN is used in SIP Request header.

Answer: C

Explanation:

Reference: http://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/admin/8_6_1/ccmcf/bccm-861cm/b06siprf.html

NEW QUESTION 436

Which two options are functionalities of subzones in a Cisco VCS deployment? (Choose two.)

- A. Resolve names outside of the direct control of the Cisco VCS that exist on the public Internet.
- B. Connect to another Cisco VCS on the same side of the firewall to extend dialing capabilities.
- C. Traverse a firewall from a protected network to a public or DMZ network.
- D. Apply registration, authentication, and media encryption policies.
- E. Manage bandwidth to restrict standard definition endpoints from using more than 2 Mb of bandwidth.

Answer: BD

NEW QUESTION 437

Which two types of trunks can support Cisco Unified Communications Manager? (Choose two.)

- A. switch port trunks
- B. PIMG trunks
- C. SIP trunks
- D. H.225 trunks
- E. CO trunks
- F. POTS trunks

Answer: CD

Explanation:

Reference: http://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/admin/8_5_1/ccmsys/accm-851cm/a08trnk.html#wp1098521

NEW QUESTION 441

The Cisco Unified Communications system of a company has five types of devices:

- Cisco Jabber Desktop
- CP-7965
- DX-650
- EX-60
- MX-200

Which two types of devices are affected when an engineer changes the DSCP for TelePresence Calls service parameter? (Choose two.)

- A. a Cisco Jabber Desktop
- B. DX-650
- C. CP-7965
- D. MX-200
- E. EX-60

Answer: DE

NEW QUESTION 442

A presales engineer is working on a quote for a major customer and must evaluate how many Cisco VCS Expressway traversal call licenses for which to plan. Calls to and from which three routes must the engineer include in the tally? (Choose three.)

- A. gateway
- B. Cisco 9971 Endpoint
- C. border controllers
- D. gatekeeper
- E. SIP trunk
- F. VCS

Answer: DEF

NEW QUESTION 444

Which three devices or applications support call preservation? (Choose three.)

- A. a software conference bridge
- B. Cisco Unified IP Phone 7962G
- C. an annunciator
- D. SIP trunks
- E. JTAPI applications
- F. TAPI applications
- G. CTI applications
- H. third-party H.323 endpoints

Answer: ABD

Explanation:

Reference:

http://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/admin/9_0_1/CUCM_BK_CD2F83FA_00_cucm-system-guide-90/CUCM_BK_CD2F83FA_00_systemguide_chapter_01011.html#CUCM_RF_C98194B0_00

NEW QUESTION 449

An engineer is configuring Global Dial Plan Replication and wants to prevent the local cluster from routing the Vice President number 5555555555 to the remote cluster. Which action accomplishes this task?

- A. Create a block route pattern.
- B. Create a block learned pattern.
- C. Create a block transformation pattern.
- D. Create a block translation pattern.

Answer: C

NEW QUESTION 453

An engineer is configuring URI calling within the same cluster. Which four actions must be taken to accomplish this configuration? (Choose four.)

- A. Configure SIP route patterns.
- B. Configure the directory URI partition and calling search space.
- C. Associate the directory URIs to directory numbers.
- D. Activate the URI service in Cisco Unified Serviceability.
- E. Configure SIP trunk.
- F. Assign directory URIs to users.
- G. Configure the SIP profile.
- H. Configure the URI service parameters.

Answer: BCFH

NEW QUESTION 455

You have deployed a Cisco 2821 ISR to perform as an SRST voice gateway at a remote site. During a network failure between the remote site and the central office, some of the phones located at the remote site are unable to make phone calls. Which two options are potential causes of the problem? (Choose two.)

- A. The site has exceeded the number of SRST endpoints supported by the voice gateway.
- B. The ccm-manager fallback command is configured incorrectly on the voice gateway.
- C. Phones at the remote site are assigned to the incorrect device pool.
- D. The ccm-manager fallback-mgcp command is configured incorrectly on the voice gateway.
- E. The site has exceeded the number of simultaneous calls allowed in SRST mode.

Answer: AC

NEW QUESTION 457

Which function can be implemented without MTP resources?

- A. DTMF relay conversion
- B. terminating a media stream that uses the same codec
- C. music on hold
- D. SIP early offer

Answer: B

NEW QUESTION 459

An engineer is setting up a Cisco VCS Cluster with SIP endpoints only. While configuring the Cisco VCS peers, which signaling protocol is used between peers to determine the best route for calls?

- A. SIP
- B. H.323
- C. SCCP
- D. MGCP

Answer: B

Explanation:

Reference: http://www.cisco.com/c/dam/en/us/td/docs/telepresence/infrastructure/vcs/config_guide/X87/Cisco-VCS-Cluster-Creation-and-Maintenance-Deployment-Guide-X8-7.pdf (page 4, basic configuration is done, third point)

NEW QUESTION 463

Which two commands verify Cisco IP Phone registration? (Choose two.)

- A. show telephony-service ephone-dn
- B. show voice register session-server
- C. show ephone registered
- D. show ccm-manager hosts
- E. show sip-ua status registrar

Answer: BC

Explanation:

Reference: http://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucme/troubleshooting/guide/ts_phreg.html (see the steps)

NEW QUESTION 466

Refer to the exhibit.

System information	
System name	ABC-Inc
Up time	21 minutes 7 seconds
Software version	X8.5.3
IPv4 address	193.1.1.2

An engineer is deploying a new Cisco VCS Expressway for a company and has configured the IP address and the system name. After logging into the Cisco VCS Expressway admin page, the engineer sees this output. Which four options must be configured to complete the Cisco VCS Expressway system configuration? (Choose four.)

- A. NTP server
- B. SIP server
- C. LDAP server
- D. security certificate
- E. DHCP server
- F. DNS server
- G. SIP URI
- H. Cisco Unified Communications Manager IP address

Answer: ACDF

NEW QUESTION 471

After forgetting to log out of his IP phone in the main office, an Extension Mobility user is unable to log in to a different IP phone at a remote office. Which option is a possible reason for the problem?

- A. The phone at the remote location is a different model than the phone in the user's main office.
- B. The user's Extension Mobility profile is misconfigured.
- C. The user can log in to only one device at a time.
- D. The device pool is misconfigured.

Answer: C

NEW QUESTION 476

An engineer has configured a Cisco EX60 to register with a Cisco VCS-C, but the device is not showing up as registered. During troubleshooting, which component will the engineer likely find missing in the configuration?

- A. gatekeeper
- B. MCU
- C. default gateway
- D. TMS
- E. DNS

Answer: A

NEW QUESTION 480

An engineer is configuring a new DX-80 in Cisco Unified Communications Manager. Where can an engineer verify the default DSCP value of AF41?

- A. enterprise phone configuration
- B. common phone profile
- C. service parameters
- D. enterprise parameters

Answer: C

NEW QUESTION 484

Which three configuration settings are included in a default region configuration? (Choose three.)

- A. Immersive Bandwidth
- B. Video Call Bandwidth
- C. Audio Codec
- D. Link Loss Type
- E. Real Time Protocol
- F. Location Description

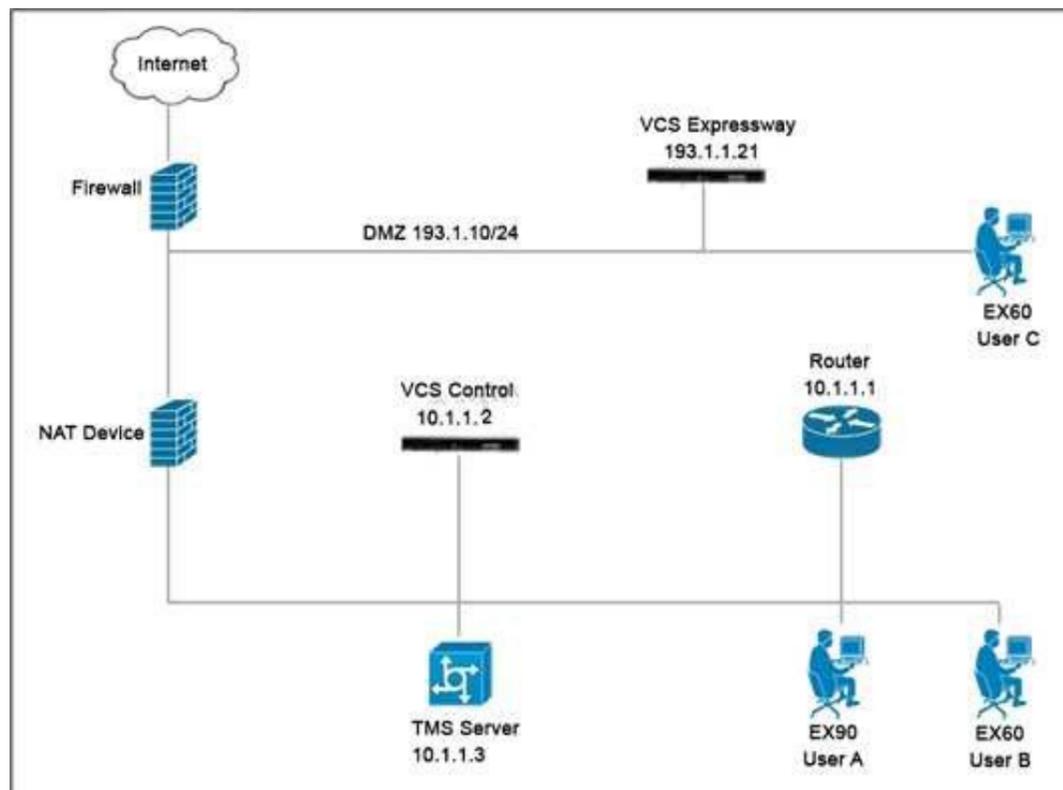
Answer: BCD

Explanation:

Reference: http://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/admin/8_0_1/ccmcfg/bccm-801cm/b02regio.html#wp1077135

NEW QUESTION 487

Refer to the exhibit.



Which three statements about when user A calls user using SIP are true? (Choose three.)

- A. SIP TCP/TLS ports must be opened from internal to DMZ and vice versa.
- B. Deploying a Cisco VCS Expressway behind a NAT mandates the use of the Advanced Networking option key.
- C. Cisco VCS Control and Cisco VCS Expressway support static NAT.
- D. Deploying a Cisco VCS Control inside a NAT mandates the use of the Advanced Networking option key.
- E. RT and RTCP ports must be opened at the firewall from internal to DMZ and vice versa
- F. The NAT device must translate from 10.X.X X to 193.1.1.X and vice versa.

Answer: ABE

NEW QUESTION 489

When configuring intercluster URI dialing, an engineer gets the error message "Local cluster cannot connect to the ILS network". Which three reasons for this error are true? (Choose three.)

- A. The SIP route patterns have not been properly configured.
- B. The Tomcat certificates do not match.
- C. The Cisco Unified Resource Identifier service needs a restart.
- D. The ILS authentication password does not match.
- E. The cluster ID does not match.
- F. One cluster is using TLS certificate, and the other is using Password.

Answer: BDF

NEW QUESTION 494

When you configure TEHO for long-distance calls and use the local PSTN gateways as fallback, how many route patterns do you require for a cluster with five sites that are located in different area codes?

- A. 6 when using a local route group
- B. 10 when not using a local route group
- C. 5 when using a local route group
- D. 15 when not using a local route group

Answer: A

NEW QUESTION 496

Which two configurable options are available to enable Early Offer for calls over a Cisco Unified Communications Manager SIP trunk? (Choose two.)

- A. Early Offer support for voice and video calls Mandatory (insert MTP if needed)
- B. Media Termination Point Required
- C. Use Trusted Relay Point
- D. Accept Audio Codec Preferences in Received Offer
- E. No Media Termination Point Required

Answer: AB

NEW QUESTION 501

Where do you go to configure restrictions on audio bandwidth?

- A. location
- B. partition
- C. region
- D. enterprise parameters

E. serviceability

Answer: A

NEW QUESTION 505

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