

## 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**

Which two options are dial-plan challenges in a multisite Cisco Unified Communication Manager deployment?

- A. use of same length directory numbers all over the network
- B. use of +E164 directory numbers and extensions for phones and services
- C. telephony service provider requirements on number format and types
- D. use of MGCP gateways instead of SIP trunks
- E. use of same DID numbers in multiple sites

**Answer:** AE

**NEW QUESTION 3**

Which protocol can you use to create a trunk between Cisco Unified Communication Manager and Cisco VCS?

- A. H.323
- B. SIP, H.323
- C. ILS
- D. SIP

**Answer:** D

**NEW QUESTION 4**

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 5**

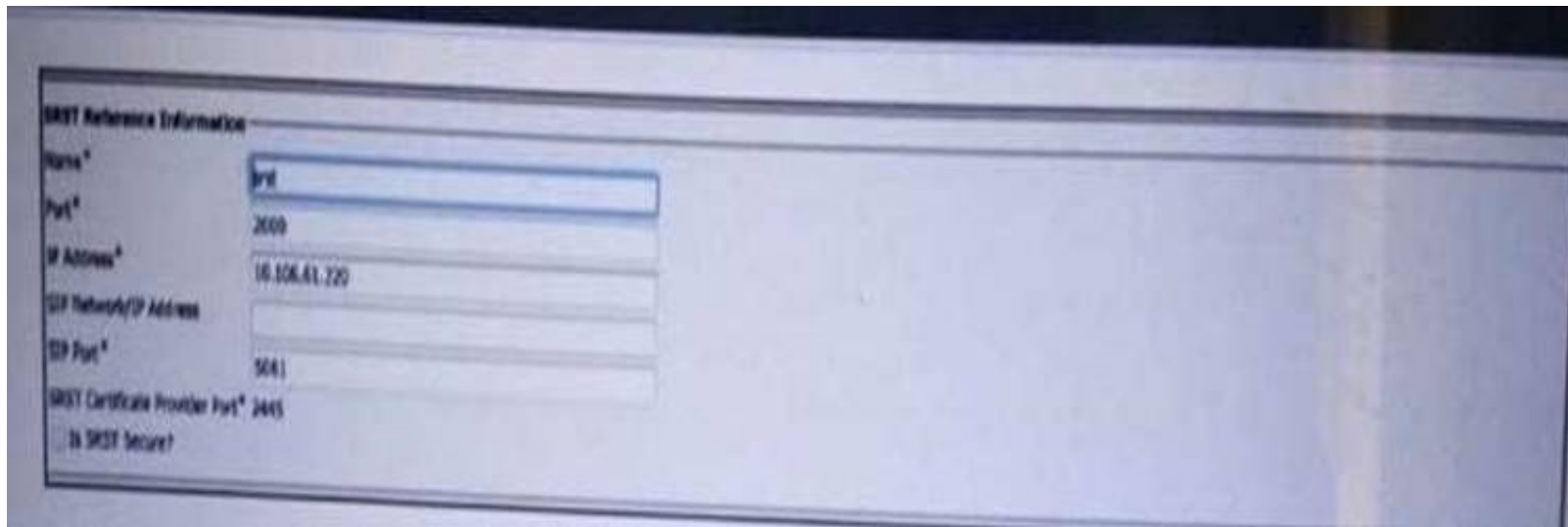
Which two options are dial plan elements that Global Dial Plan Replication allows independent clusters to share with each other using the Intercluster Lookup service?

- 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

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 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 8

Which two roaming sensitive setting in the device pool configuration window override the device level settings when the device roams within or outside a of device mobility group? Choose two

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

**Answer:** AD

#### 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 13

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 16

Which option describes the meaning of a call termination cause code of 1 in a Cisco Unified Communications?

- A. normal call cleaning
- B. resource unavailable, unspecified
- C. call rejected
- D. Unallocated (unassigned) number

**Answer:** D

#### NEW QUESTION 20

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 24

To which subzone can you apply bandwidth limitations?

- A. default, traversal, and all manually configured subzones
- B. manually configured subzones
- C. cluster
- D. default

**Answer:** A

#### NEW QUESTION 25

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 26

Which two options are valid service parameter settings that are used to set up proper video QoS behavior across the Cisco Unified Communications Manager infrastructure? (Choose two.)

- A. DSCP for Video Calls when RSVP Fails
- B. Default Intraregion Min Video Call Bit Rate (Includes Audio)
- C. Default Interregion Max Video Call Bit Rate (Includes Audio)
- D. DSCP for Video Signaling
- E. DSCP for Video Signaling when RSVP Fails

**Answer:** AC

#### NEW QUESTION 27

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 30

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 33

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 35

For inbound calls that use SIP gateways to cisco unified communications manager, which two options are available when configuring the format for the calling number type? (Choose two)

- A. Unknown
- B. Subscriber
- C. Long Distance
- D. Default
- E. SIP

**Answer:** BC

#### NEW QUESTION 38

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 40

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 45

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 48**

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 53**

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 58**

Company X has three locations connected via a low bandwidth WAN. Which two configurations are required in the Cisco Unified Communications Manager region to provide the most suitable use of bandwidth while preserving the call quality? (Choose two)

- A. g722/g711 for interregion calling
- B. g722/g711 codec for all calling
- C. g729 codec for all calling
- D. g729 codec for intraregion calling
- E. g722/g711 codec for interregion calling
- F. g729 codec for interregion calling

**Answer:** AF

**NEW QUESTION 60**

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 63**

An engineer must enable video desktop sharing between a Cisco Unified Communications Manager registered video endpoint and a Cisco VCS registered video endpoint. Which protocol must be enabled in SIP profile for VCS SIP trunk on Cisco Unified Communications Manager?

- A. RDP
- B. H.264
- C. H.224
- D. H.263
- E. BFCP

**Answer:** E

**NEW QUESTION 64**

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 65**

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 69

The administrator at company X is trying to set up Extension Mobility and has done these steps:

- Set up end users accounts for the users who need to roam.
- Set up a device profile for the type of phones users will be allowed to log in

Users have reported to the administrators that they are unable to log in to the phones designated for Extension Mobility. Which two options are the two Reasons for this issue? (Choose two)

- A. The user must ensure that their main endpoint is online and registered, otherwise they cannot log in elsewhere
- B. Extension Mobility has not been enabled under Enterprise Parameters.
- C. The username must be numeric only and must match the DN.
- D. The user device profile is not associated to the correct end user.
- E. The Extension Mobility service has not been enabled under the Cisco Unified Serviceability Page.

**Answer:** DE

#### NEW QUESTION 73

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 75

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 79

The VCS Expressway can be configured with security controls to safeguard external calls and endpoints. One such option is the control of trusted endpoints via a whitelist. Where is this option enabled?

- A. on the voice-enabled firewall at the edge of the network
- B. on the VCS under Configuration > registration > configuration
- C. on the TMS server under Registrations > whitelist
- D. on the VCS under System > configuration > Registrations

**Answer:** B

#### NEW QUESTION 82

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 86

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 87**

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 88**

Which DSCP value and PHB equivalent are the default for audio calls?

- A. 34 and AF41
- B. 32 and AF41
- C. 32 and CS4
- D. 46 and EF

**Answer:** D

**NEW QUESTION 93**

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 94**

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

**NEW QUESTION 96**

Company X has clusters deployed in three different countries. United states, United Kingdom and Japan. The administrator has enabled +E164 dialing across locations with ILS responsible for publishing extensions and PSTN numbers. Users in United States report that there is a delay every time they dial extensions in the United Kingdom and Japan. The voice administrator investigates and realizes the GDPR has two sets of route patterns for each site (for example, +441 for all UK numbers and +44234567890 for a UK user's DID.) Which option is the solution for the dial delay for on-net calling between clusters?

- A. The administrator should setup a translation pattern to remove the + form the learned number.
- B. The administrator must set the Learned +E164 fixed-length number as urgent.
- C. The administrator must create North America style aliases for all the users in the UK and Japan locations.
- D. This is not possible international numbers all carry a dial delay because the digits are not fixed like they are in the United States.

**Answer:** B

**NEW QUESTION 101**

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 102**

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 104**

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 106**

Which two statements regarding the Cisco VCS search and transformation process are true? (Choose two.)

- A. The Cisco VCS applies the search rules in priority order (all rules with priority 255 are processed first, then rules with priority 254, and so on).
- B. Transforms do not use priority numbers.
- C. Presearch transforms are applied before call policy is configured and before user policy is applied.
- D. Presearch transforms are applied after call policy is configured but before user policy is applied.
- E. The Cisco VCS applies the search rules in priority order (all rules with priority 1 are processed first, then priority 2, and so on).
- F. You cannot set up search rules according to the protocol SIP or H.323.

**Answer:** CE

**NEW QUESTION 110**

An engineer wants to change a dialed URI into another format, in Cisco VCS. Which location does the engineer navigate to accomplish this task?

- A. Translation pattern
- B. Translation profile
- C. Translation rule
- D. Transform

**Answer:** A

**NEW QUESTION 114**

An engineer wants to allow more calls on the WAN link from the head office to a branch. The region setting has been changed from G711 to G729. Which other configuration in Cisco Unified communication Manager must be updated to accomplish this goal?

- A. physical location
- B. region
- C. location
- D. AAR group
- E. class of control

**Answer:** C

**NEW QUESTION 118**

You are asked to help a customer administrator to set Quality of Service options clusterwide. Which two options are related to QoS settings on Cisco Communications Manager servers? (Choose two)

- A. You can configure DSCP values for video calls, audio portion of video calls, and immersive video differently.
- B. you can configure clusterwide QoS parameters in "Cisco CallManager" Service Parameter section within the call and the portion on any server within the cluster where "Cisco CallManager" service has been activated.
- C. Audio calls and the audio portion of video calls are tagged with DSCP value 46.
- D. You can configure clusterwide QoS parameters only in the Enterprise Parameter section on the Publisher.
- E. The option "DSCP for Video" sets the DSCP value for all types of video to the same value.

**Answer:** AD

**NEW QUESTION 120**

Which type of endpoints support the DSCP for Video Calls parameter in Cisco Unified CM?

- A. only Cisco Telepresence endpoints
- B. any video capable device
- C. only Jabber
- D. only Cisco UC video endpoints

**Answer:** B

#### NEW QUESTION 122

How can you configure VCS Expressway to make sure an external caller cannot reach a specific internal address?

- A. You add a search rule to block any call to the specific URI on the internal VCS Control.
- B. VCS Expressway only forwards calls to Cisco Unified Communications Manager who block calls.
- C. You add the specific URI in the firewall section of the VCS Expressway and block it.
- D. You block the call with search rule that has a high priority in the VCS Expressway. You make a transform on the VCS Expressway to direct the call to VCS Control, which can block the call.

**Answer:** B

#### NEW QUESTION 126

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 127

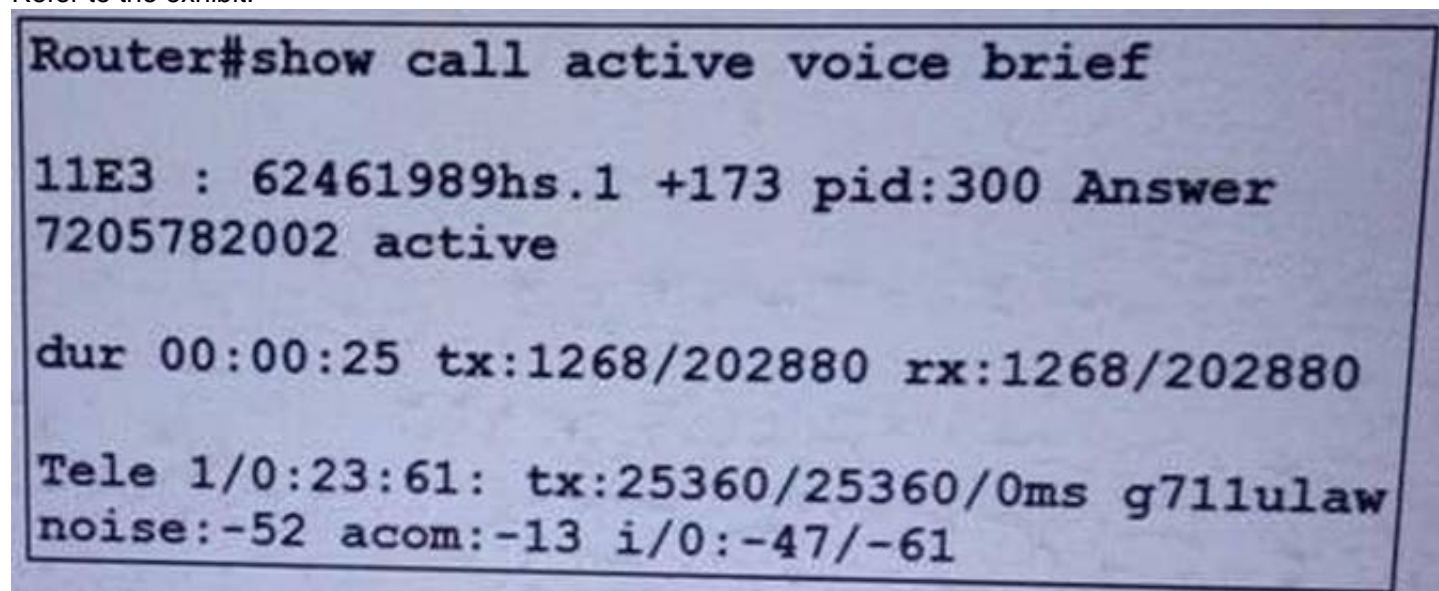
An engineer must ensure that Expressway-E listens and only its legit sender of such traffic is Expressway-C. Which port must be opened to accomplish this task?

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

**Answer:** A

#### NEW QUESTION 132

Refer to the exhibit.



An engineer is troubleshooting an active call and sees this output. Which option does the PID signify?

- A. ISDN callref ID
- B. dial peer
- C. process ID
- D. CCAPI ID

**Answer:** A

#### NEW QUESTION 133

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 Configuratio
- E. Registration Allow List and set Auto Registration to off.

Answer: A

#### NEW QUESTION 136

How does Cisco Extension Mobility work?

- A. A user can log in to any IP phone in the cluster, that phone is dynamically configured with (he user configurations.
- B. A user an define several remote destinations so that a call to the IP phone rings their mobile and home destinations simultaneously.
- C. A user can choose one of several wireless IP phone models for mobile IP communication throughout the WLAN coverage area.
- D. A user can move the phone anywhere within the cluster its calls will be routed out the local gateway.
- E. A user can tog into any phone in the cluster and receive a DN from a predefined range.

Answer: A

#### NEW QUESTION 140

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	1*
On successful match	Continue
Target	* Local Zone
State	Enabled

C)

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

D)

Mode	Alias pattern match
Pattern type	Regex
Pattern string	* (-)@widgets.com
Pattern behavior	Replace
Replace string	11
On successful match	Continue
Target	* Local Zone
State	Enabled

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

Answer: D

**NEW QUESTION 145**

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 146**

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 147**

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 149**

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 153**

Which three commands are necessary to override the default CoS to DSCP mapping on interface FastEthernet0/1? (Choose three.)

- A. mls qos map cos-dscp 0 10 18 26 34 46 48 56
- B. mls qos map dscp-cos 8 10 to 2
- C. mls qos
- D. interface FastEthernet0/1 mls qos trust cos
- E. interface FastEthernet0/1 mls qos cos 1
- F. interface FastEthernet0/2 mls qos cos 1

**Answer:** ACD

**NEW QUESTION 158**

When video endpoints register with Cisco Unified Communications Manager, where are DSCP values configured?

- A. in Unified CM, under Enterprise Parameters Configuration
- B. in Unified CM, under Device > Device Settings > Device Defaults
- C. in Unified CM, under Service Parameters > Cisco CallManager Service > Cluster-wide Parameters
- D. DSCP parameters are always configured on each individual video endpoint.

**Answer:** C

**NEW QUESTION 162**

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 166

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 168

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 171

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 176

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 181

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 185

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 187**

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 191**

What is an advantage of TEHO?

- A. TEHO implemented with ISRs eliminates PSTN toll charges.
- B. TEHO implemented with ISRs can reduce PSTN toll charges.
- C. TEHO implemented with AAR reduces toll charges.
- D. TEHO implemented with CFUR reroutes calls.

**Answer:** B

**NEW QUESTION 196**

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 198**

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 203**

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 206**

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 210**



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 215

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 220

Which system configuration is used to set audio codecs?

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

**Answer:** A

#### NEW QUESTION 224

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 229

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 232

The network administrator of Enterprise X receives reports that at peak hours, some calls between remote offices are not passing through. Investigation shows no connectivity problems. The network administrator wants to estimate the volume of calls being affected by this issue.

Which two RTMT counters can give more information on this? (Choose two.)

- A. CallsRingNoAnswer
- B. OutOfResources
- C. LocationOutOfResources
- D. RequestsThrottled
- E. CallsAttempted

**Answer:** BC

#### NEW QUESTION 233

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:

Modify Button Items

1 Line [1] - 3304 in Devices

2 Line [2] - Add a new DN

3 Redial

4 sx20-3@osl226.local

5 Add a new SD

6 Add a new SD

7 Add a new SD

8 Add a new SD

9 Add a new SD

10 Add a new SD

11 Add a new SD

12 Add a new SD

13 Add a new SD

14 Add a new SD

15 Add a new SD

----- Unassigned Associated Items -----

16 Add a new SD

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:

MRGL

Status

1 records found

Media Resource Group List (1 - 1 of 1)

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

MRGL-All

Add New Select All Clear All Delete Selected

### DP:

**DP**

**Status**

**i** 3 records found

**Device Pool (1 - 3 of 3)**

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

	Name ^	Cisco Unified CM Group	Region	Date/Time
<input type="checkbox"/>	<a href="#">Default</a>	<a href="#">Default</a>	<a href="#">Default</a>	<a href="#">CMLocal</a>
<input type="checkbox"/>	<a href="#">Default</a>	<a href="#">Default</a>	<a href="#">Default</a>	<a href="#">CMLocal</a>
<input type="checkbox"/>	<a href="#">GSM</a>	<a href="#">Default</a>	<a href="#">GSM</a>	<a href="#">CMLocal</a>

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"/>	<a href="#">Hub_None</a>
<input type="checkbox"/>	<a href="#">Phantom</a>
<input type="checkbox"/>	<a href="#">Shadow</a>

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 + -

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

Add New Select All Clear All Delete Selected

Movi Failure:

**Movi Failure**

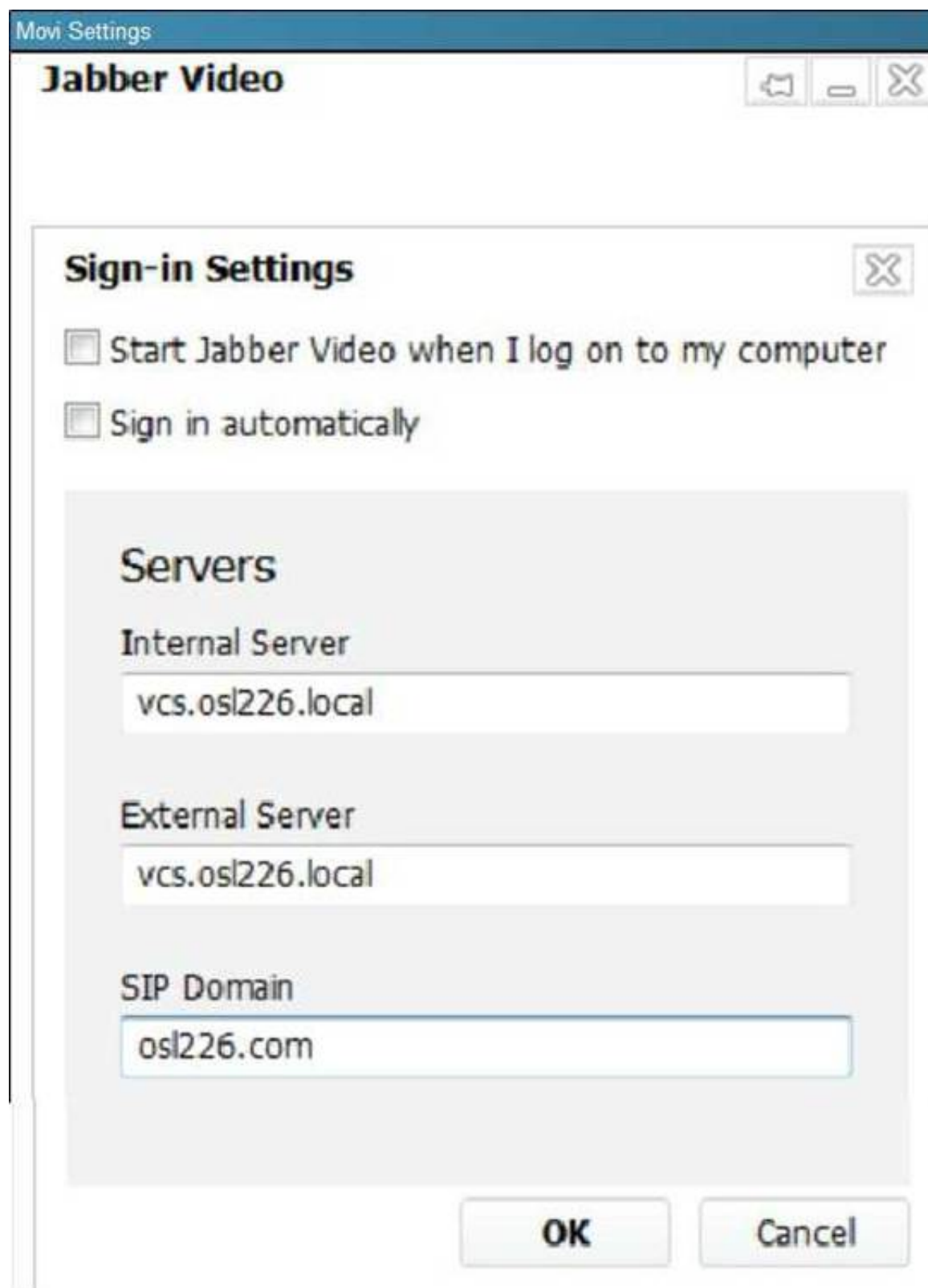
**Login failed**

Connection rejected by server. Try logging in again later.

OK

Movie Settings:





A new DX650 IP phone with MAC address D0C7.8914.132D, IP address is 172.18.32.119 has been added to the Cisco Unified Communications Manager, but is not registering properly. What is causing this failure?

- A. Device Pool cannot be default.
- B. The DX650 is the incorrect calling search space.
- C. The DX650 Phones does not support SIP.
- D. The location Hub\_None has not been activated.
- E. The DX650's MAC address is incorrect in the Cisco UCM.

**Answer:** D

#### NEW QUESTION 237

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:

Modify Button Items

1 Line [1] - 3304 in Devices

2 Line [2] - Add a new DN

3 Redial

4 sx20-3@osl226.local

5 Add a new SD

6 Add a new SD

7 Add a new SD

8 Add a new SD

9 Add a new SD

10 Add a new SD

11 Add a new SD

12 Add a new SD

13 Add a new SD

14 Add a new SD

15 Add a new SD

----- Unassigned Associated Items -----

16 Add a new SD

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:

MRGL

Status

1 records found

Media Resource Group List (1 - 1 of 1)

Find Media Resource Group List where Name begins with

Find

Clear Filter

+

-

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

Add New

Select All

Clear All

Delete Selected

### 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/Time
<input type="checkbox"/>	<a href="#">Default</a>	<a href="#">Default</a>	<a href="#">Default</a>	<a href="#">CMLocal</a>
<input type="checkbox"/>	<a href="#">Default</a>	<a href="#">Default</a>	<a href="#">Default</a>	<a href="#">CMLocal</a>
<input type="checkbox"/>	<a href="#">GSM</a>	<a href="#">Default</a>	<a href="#">GSM</a>	<a href="#">CMLocal</a>

Locations:

**Locations**

**Locations (1 - 3 of 3)**

Find Locations where Location  begins with

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

AARG:

**AARG**

**Automated Alternate Routing Group**

Find Automated Alternate Routing Group where Name  begins with

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

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

Movi Failure:

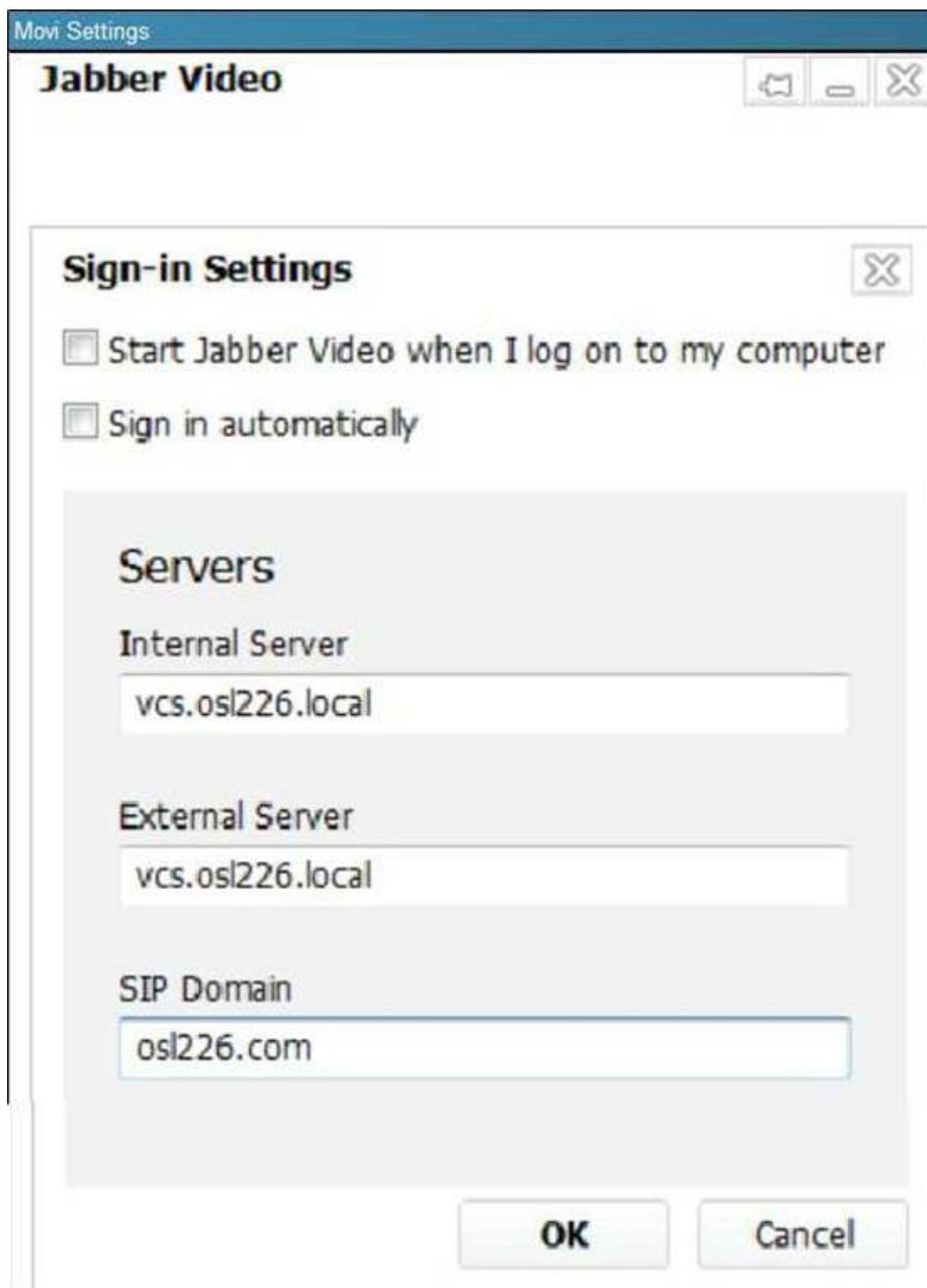
**Movi Failure**

**Login failed**

Connection rejected by server. Try logging in again later.

Movie Settings:





What two issues could be causing the Cisco Jabber Video for TelePresence failure shown in the exhibit? (Choose two)

- A. Incorrect username and password.
- B. Wrong SIP domain configured.
- C. User is not associated with the device.
- D. IP or DNS name resolution issue.
- E. CSF Device is not registered.
- F. IP Phone DN not associated with the user.

**Answer:** BD

#### NEW QUESTION 242

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:

Modify Button Items

1 Line [1] - 3304 in Devices

2 Line [2] - Add a new DN

3 Redial

4 sx20-3@osl226.local

5 Add a new SD

6 Add a new SD

7 Add a new SD

8 Add a new SD

9 Add a new SD

10 Add a new SD

11 Add a new SD

12 Add a new SD

13 Add a new SD

14 Add a new SD

15 Add a new SD

----- Unassigned Associated Items -----

16 Add a new SD

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:

MRGL

Status

1 records found

Media Resource Group List (1 - 1 of 1)

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

☐

☐

MRGL-All

Name ^

Add New Select All Clear All Delete Selected

DP:

**DP**

**Status**  
3 records found

**Device Pool (1 - 3 of 3)**

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

	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

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 + -

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

Add New Select All Clear All Delete Selected

Movi Failure:

**Movi Failure**

**Login failed**

Connection rejected by server. Try logging in again later.

OK

Movie Settings:



Movi Settings

### Jabber Video

Sign-in Settings

☐ Start Jabber Video when I log on to my computer  
☐ Sign in automatically

Servers

Internal Server  
vcs.osl226.local

External Server  
vcs.osl226.local

SIP Domain  
osl226.com

OK Cancel

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

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

**Answer:** E

#### NEW QUESTION 245

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:

Status				
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 ^	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
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"/>	<a href="#">Hub_None</a>
<input type="checkbox"/>	<a href="#">Phantom</a>
<input type="checkbox"/>	<a href="#">Shadow</a>

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"/>	<a href="#">A11-Devices</a>	
<input type="checkbox"/>	<a href="#">All-Devices</a>	

Add New

Select All

Clear All

Delete Selected



Movie Settings:

Movi Settings

Jabber Video

Sign-in Settings

☐ Start Jabber Video when I log on to my computer  
☐ Sign in automatically

Servers

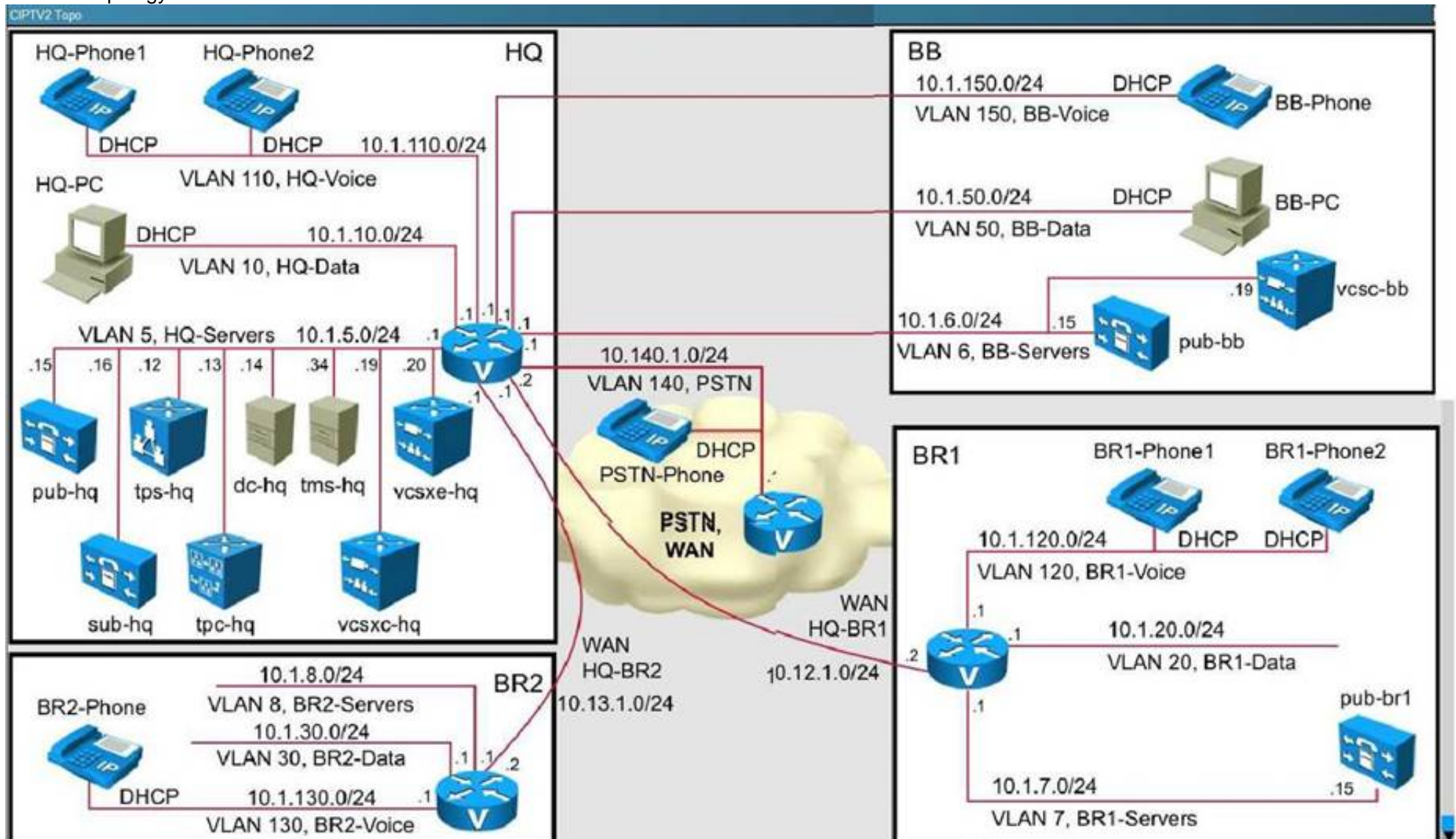
Internal Server  
vcs.osl226.local

External Server  
vcs.osl226.local

SIP Domain  
osl226.com

OK Cancel

CIPTV2 Topology:



Subzone:



Subzone
— <b>Name:</b> HQ
— <b>Authentication policy:</b> Treat as authenticated
— <b>Total bandwidth available - Bandwidth restriction:</b> Limited
— <b>Total bandwidth available - Total bandwidth limit (kbps):</b> 512
— <b>Calls into or out of this subzone - Bandwidth restriction:</b> Limited
— <b>Calls into or out of this subzone - Total bandwidth limit (kbps):</b> 0
— <b>Calls entirely within this subzone Bandwidth restriction:</b> Limited
— <b>Calls entirely within this subzone Total bandwidth limit (kbps):</b> 200

Links:

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

Pipe:

Pipe
<b>Name:</b> <u>to HQ pipe</u>
<b>Total Bandwidth available – Bandwidth restriction:</b> Limited
<b>Total Bandwidth available – Total bandwidth limit (kbps):</b> 256
<b>Calls through this pipe – Bandwidth restriction:</b> Limited
<b>Calls through this pipe – Per call bandwidth limit (kbps):</b> 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 246

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 

▼

Find

Clear Filter

+

-

<div><input type="checkbox"/></div>	Name ▲	Cisco Unified CM Group	Region	Date/Ti
<div><input type="checkbox"/></div>	<a href="#">Default</a>	<a href="#">Default</a>	<a href="#">Default</a>	<a href="#">CMLocal</a>
<div><input type="checkbox"/></div>	<a href="#">Default</a>	<a href="#">Default</a>	<a href="#">Default</a>	<a href="#">CMLocal</a>
<div><input type="checkbox"/></div>	<a href="#">GSM</a>	<a href="#">Default</a>	<a href="#">GSM</a>	<a href="#">CMLocal</a>

Add New

Select All

Clear All

Delete Selected

Locations:

Locations

Locations (1 - 3 of 3)

Find Locations where Location 

begins with ▼

Find

Clear Filter

+

-

<div><input type="checkbox"/></div>	
<div><input type="checkbox"/></div>	<a href="#">Hub_None</a>
<div><input type="checkbox"/></div>	<a href="#">Phantom</a>
<div><input type="checkbox"/></div>	<a href="#">Shadow</a>

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

+

-

<div><input type="checkbox"/></div>	CSS Name ▲
<div><input type="checkbox"/></div>	<a href="#">A11-Devices</a>
<div><input type="checkbox"/></div>	<a href="#">All-Devices</a>

Add New

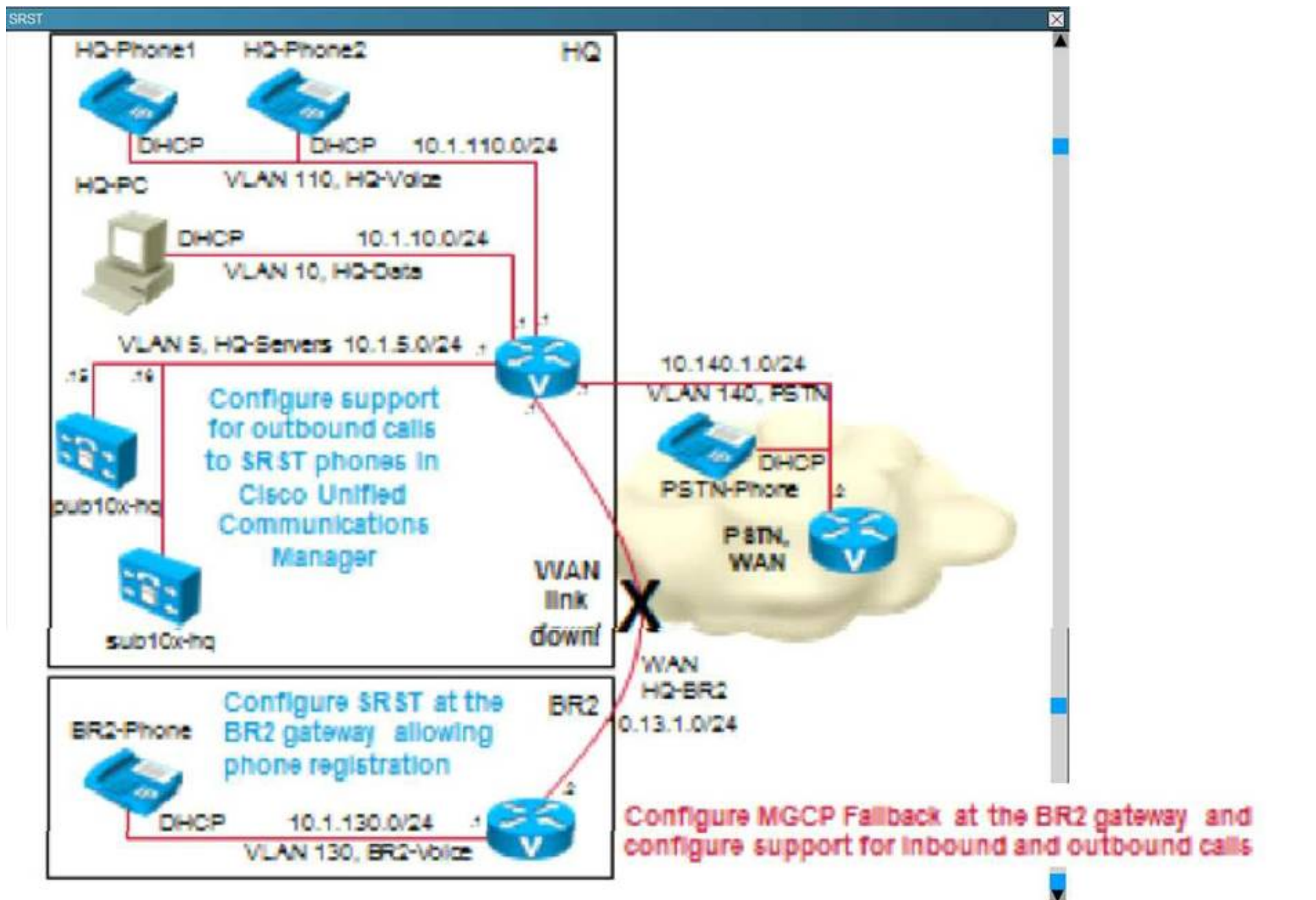
Select All

Clear All

Delete Selected

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 249

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 

▼

Find

Clear Filter

+

-

<div><input type="checkbox"/></div>	Name ▲	Cisco Unified CM Group	Region	Date/Ti
<div><input type="checkbox"/></div>	<a href="#">Default</a>	<a href="#">Default</a>	<a href="#">Default</a>	<a href="#">CMLocal</a>
<div><input type="checkbox"/></div>	<a href="#">Default</a>	<a href="#">Default</a>	<a href="#">Default</a>	<a href="#">CMLocal</a>
<div><input type="checkbox"/></div>	<a href="#">GSM</a>	<a href="#">Default</a>	<a href="#">GSM</a>	<a href="#">CMLocal</a>

Add New

Select All

Clear All

Delete Selected

Locations:

Locations

Locations (1 - 3 of 3)

Find Locations where Location 

begins with ▼

Find

Clear Filter

+

-

<div><input type="checkbox"/></div>	
<div><input type="checkbox"/></div>	<a href="#">Hub_None</a>
<div><input type="checkbox"/></div>	<a href="#">Phantom</a>
<div><input type="checkbox"/></div>	<a href="#">Shadow</a>

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

+

-

<div><input type="checkbox"/></div>	CSS Name ▲
<div><input type="checkbox"/></div>	<a href="#">A11-Devices</a>
<div><input type="checkbox"/></div>	<a href="#">All-Devices</a>

Add New

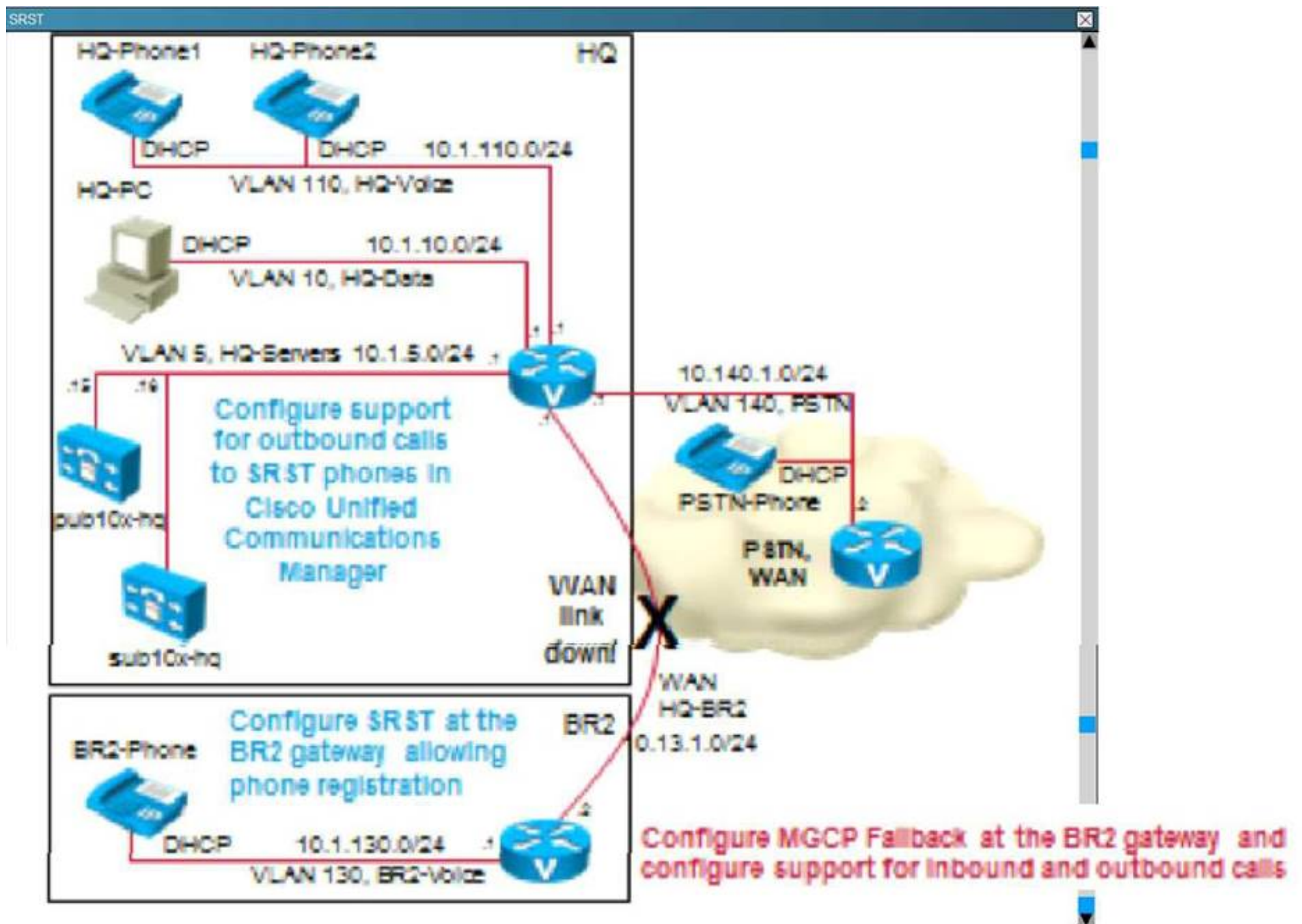
Select All

Clear All

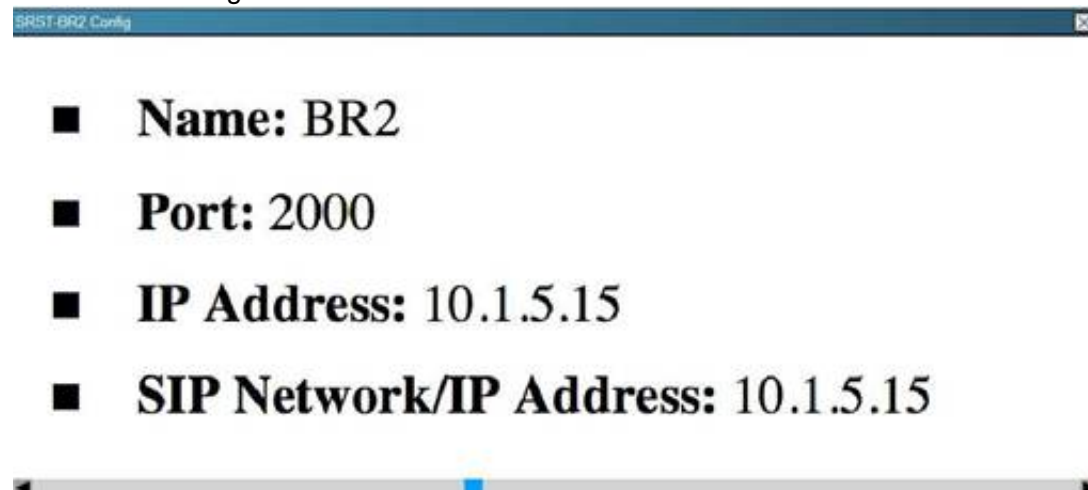
Delete Selected

SRST:





SRST-BR2-Config:



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 251

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.

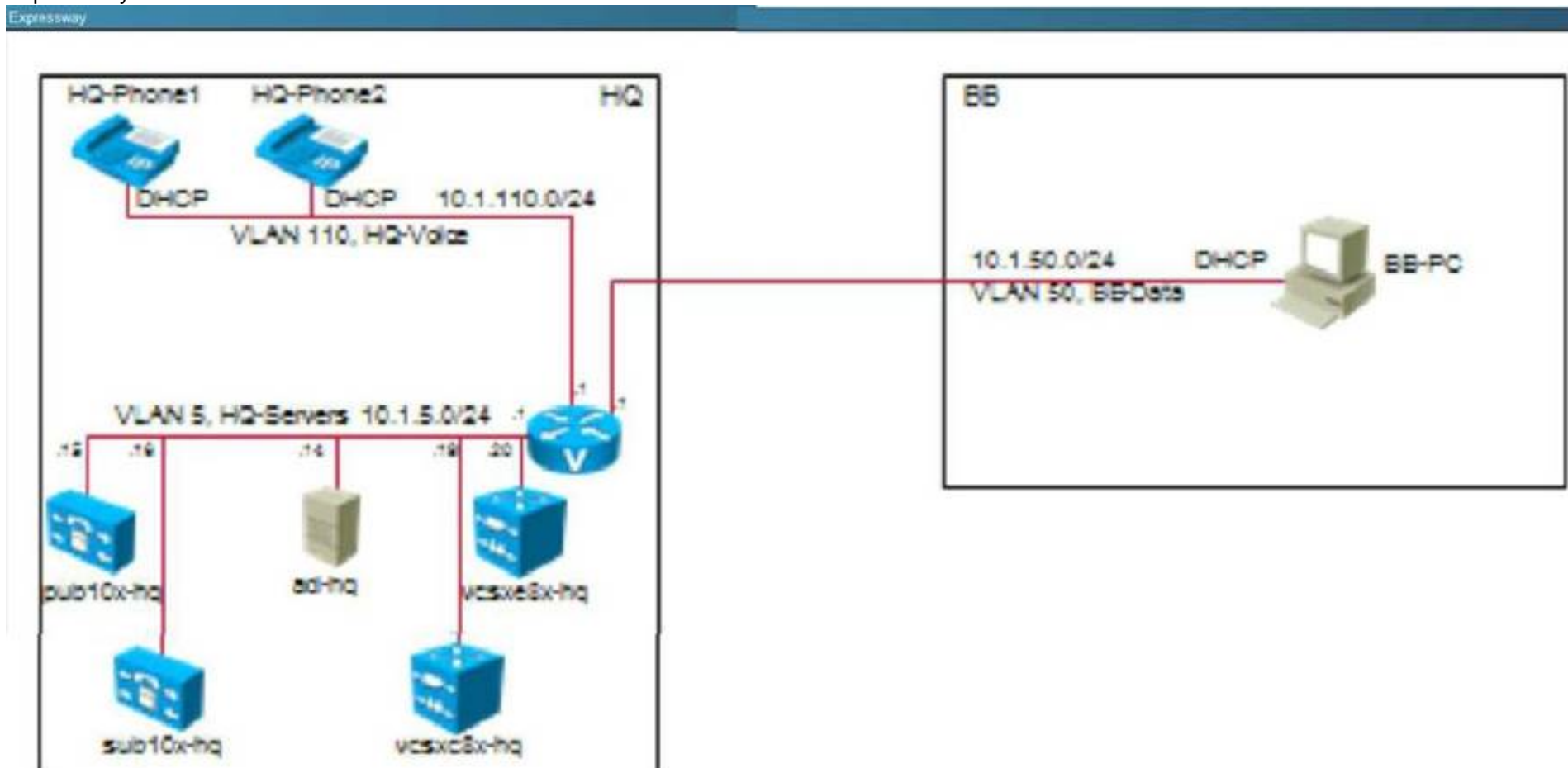
DNS Server:

```
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:

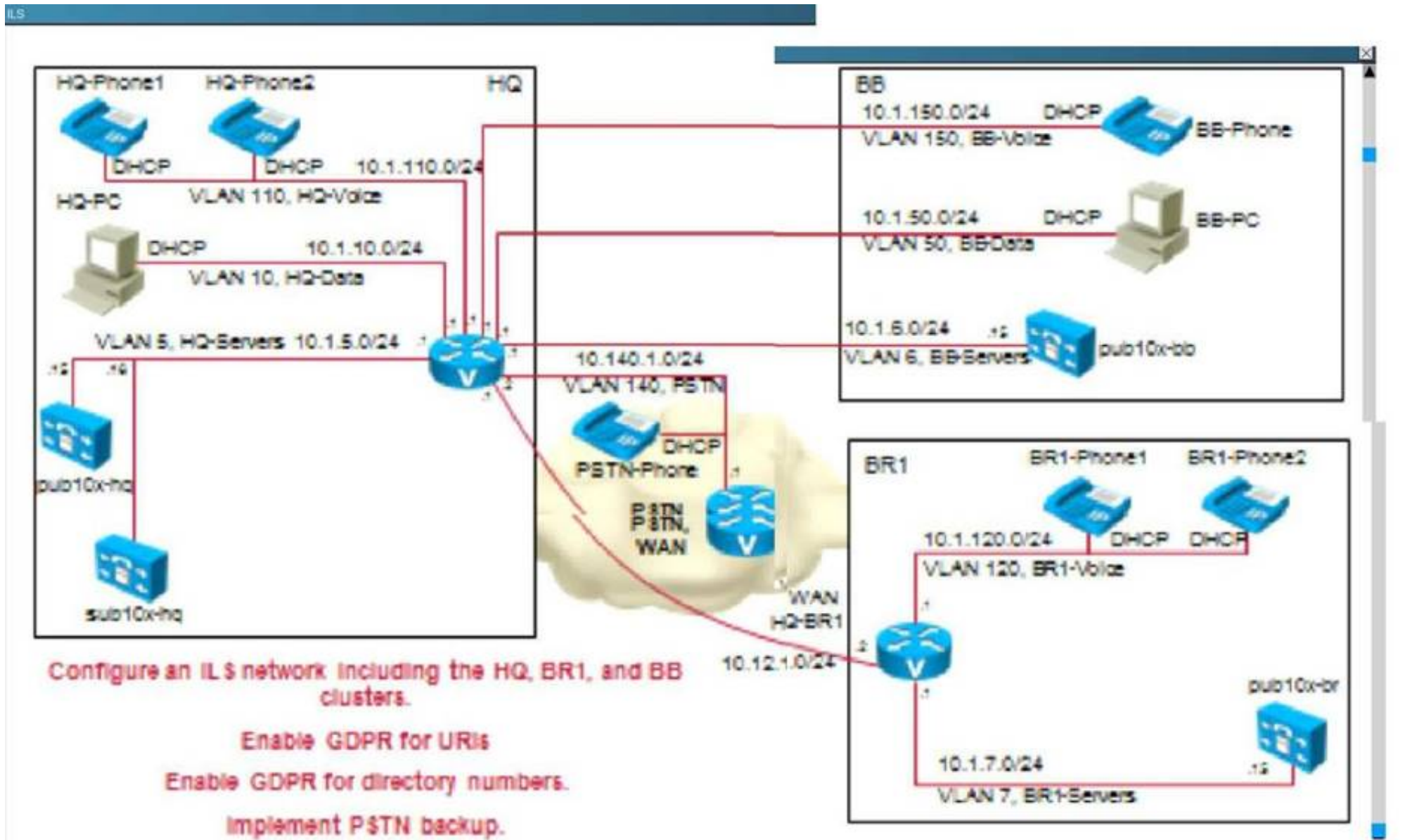
Device Pool				
<b>Status</b> <i>i</i> 3 records found				
Device Pool (1 - 3 of 3)				
Find Device Pool where Device Pool Name <span>▼</span> begins with <span>▼</span> <span>Find</span> <span>Clear Filter</span> <span>+</span> <span>=</span>				
<input type="checkbox"/>	Name ▲	Osco Unified CM Group	Region	Date/Ti
<input type="checkbox"/>	Default	Default	Default	CMLocal
<input type="checkbox"/>	Default	Default	Default	CMLocal
<input type="checkbox"/>	GSM	Default	GSM	CMLocal
<span>Add New</span> <span>Select All</span> <span>Clear All</span> <span>Delete Selected</span>				

Expressway:



ILS:





Locations:

Locations

**Locations (1 - 3 of 3)**

Find Locations where Location begins with

<input type="checkbox"/>	
<input type="checkbox"/>	<a href="#">Hub_None</a>
<input type="checkbox"/>	<a href="#">Phantom</a>
<input type="checkbox"/>	<a href="#">Shadow</a>

MRA:

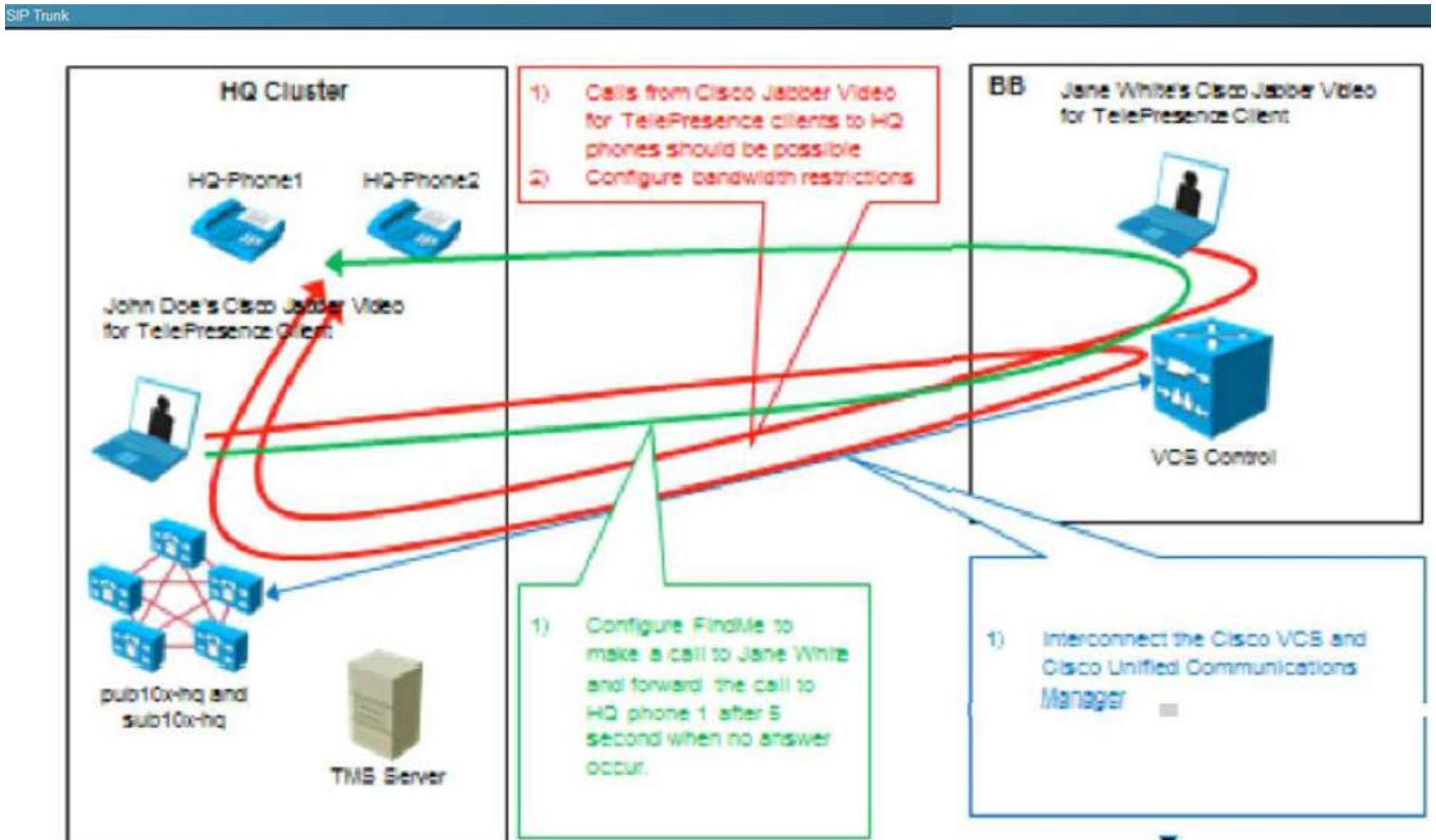
```
ip host _collab-edge._tls.hq.cisco.com SRV 1 1 8443 vcsxe8x-
hq.hq.collab10x.cisco.com
ip host vcsxe8x-hq.hq.collab10x.cisco.com 10.1.5.20
```

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:



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 255**

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

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 ▲	Cisco Unified CM Group	Region	Date/Time
<input type="checkbox"/>	<a href="#">Default</a>	<a href="#">Default</a>	<a href="#">Default</a>	<a href="#">CMLocal</a>
<input type="checkbox"/>	<a href="#">Default</a>	<a href="#">Default</a>	<a href="#">Default</a>	<a href="#">CMLocal</a>
<input type="checkbox"/>	<a href="#">GSM</a>	<a href="#">Default</a>	<a href="#">GSM</a>	<a href="#">CMLocal</a>

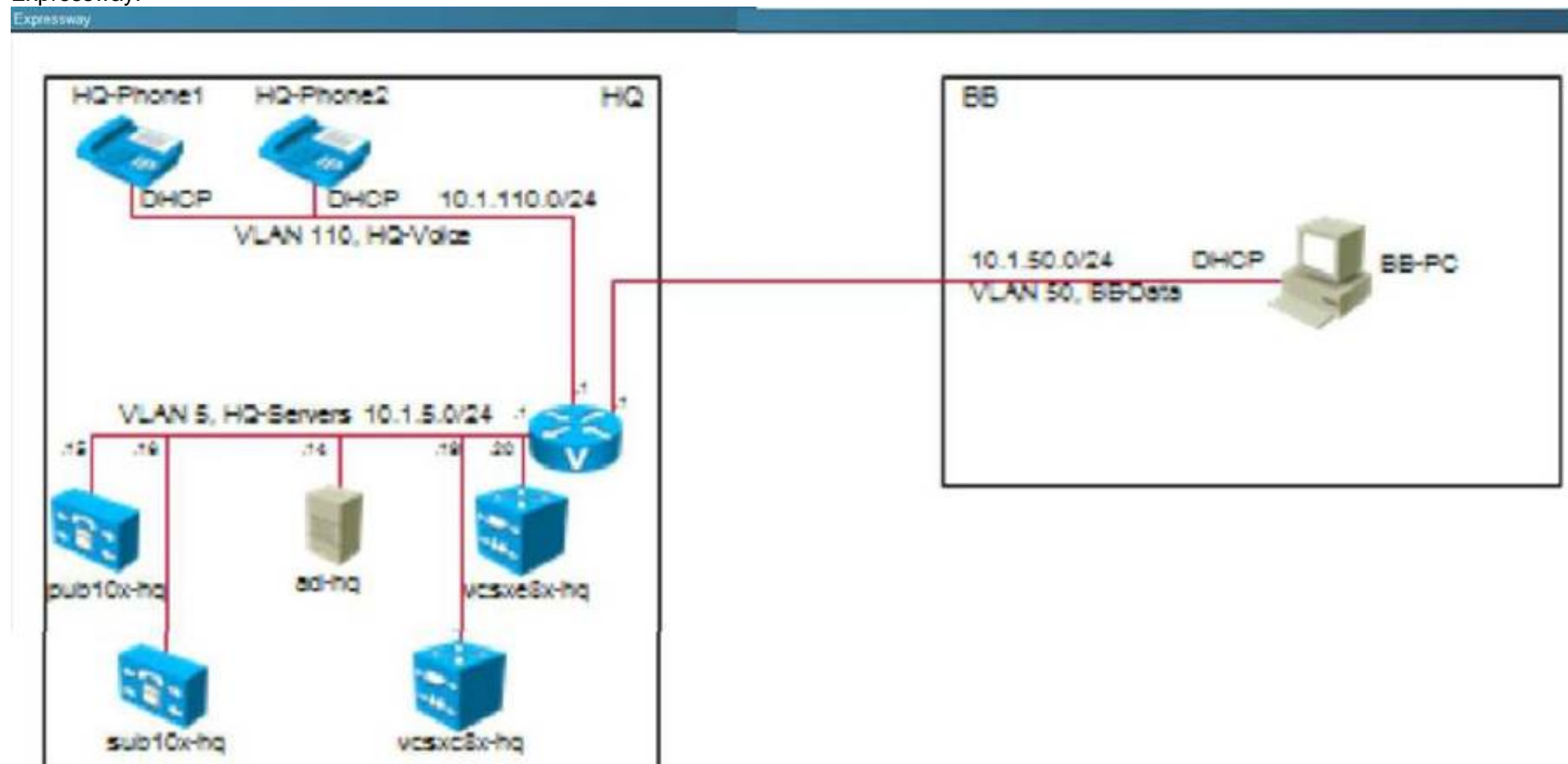
Add New

Select All

Clear All

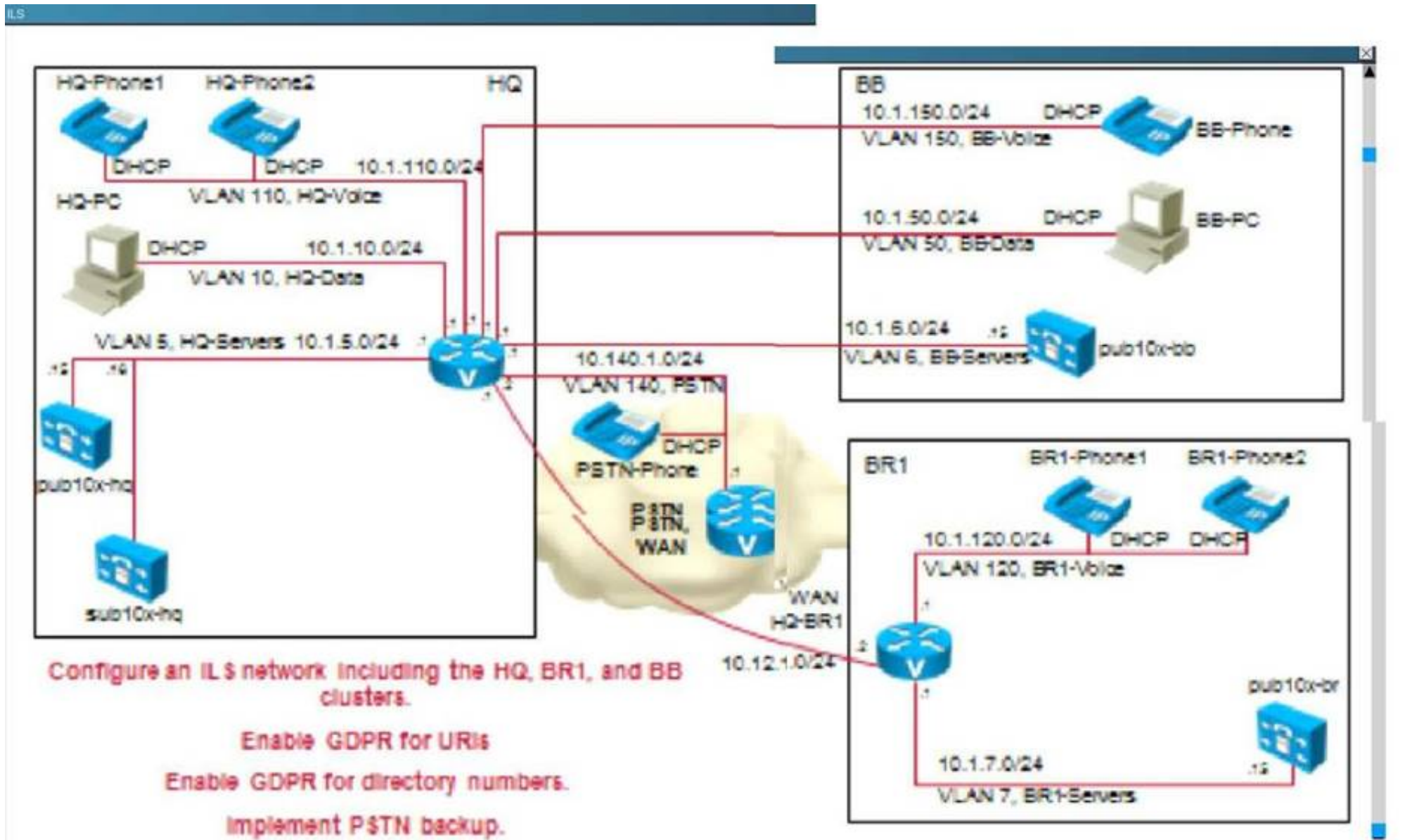
Delete Selected

Expressway:



ILS:





Locations:

Locations

**Locations (1 - 3 of 3)**

Find Locations where Location begins with

<input type="checkbox"/>	
<input type="checkbox"/>	<a href="#">Hub_None</a>
<input type="checkbox"/>	<a href="#">Phantom</a>
<input type="checkbox"/>	<a href="#">Shadow</a>

MRA:

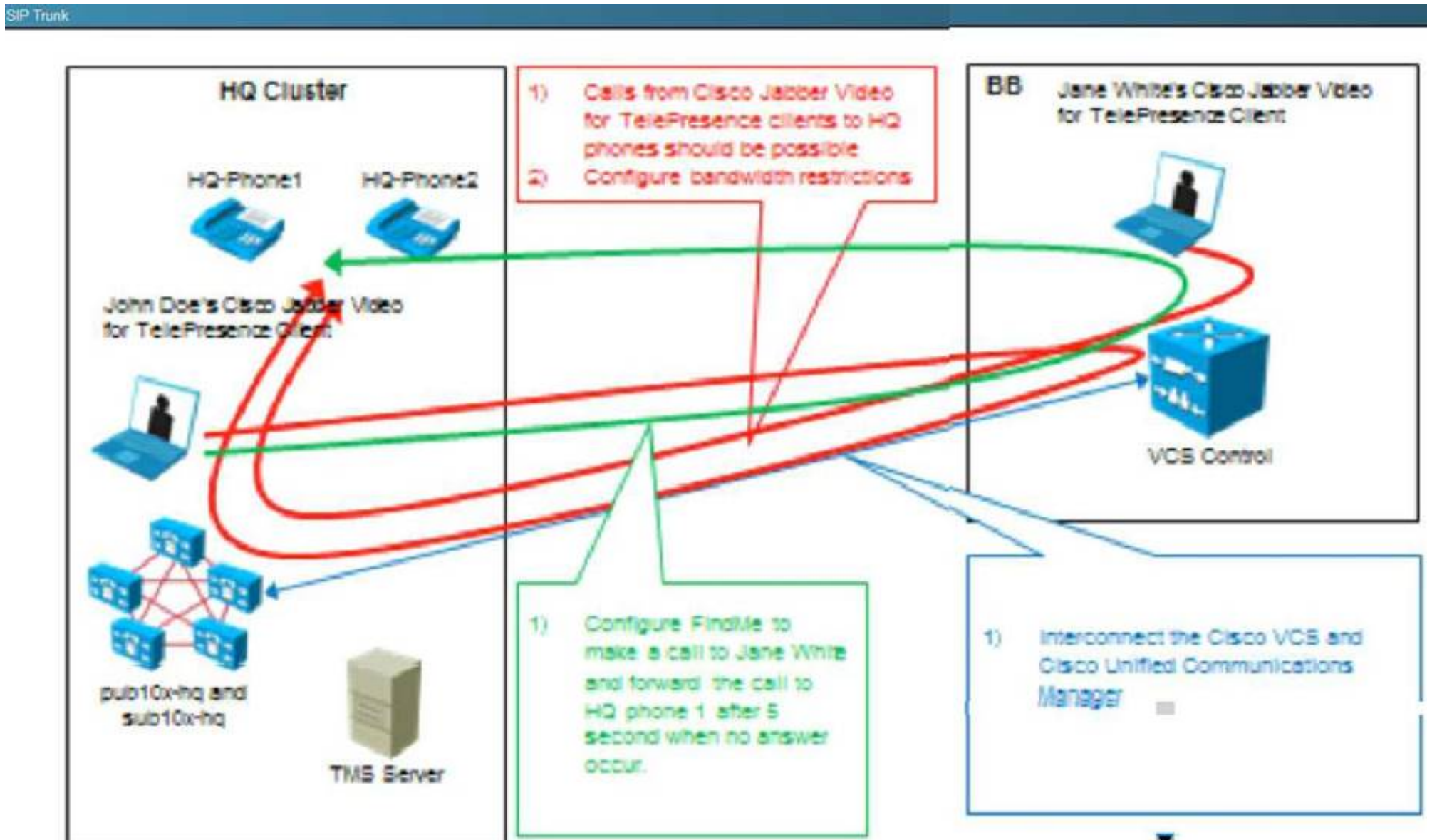
```
ip host _collab-edge._tls.hq.cisco.com SRV 1 1 8443 vcsxe8x-
hq.hq.collab10x.cisco.com
ip host vcsxe8x-hq.hq.collab10x.cisco.com 10.1.5.20
```

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:



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 260**

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 262**

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 263**

Which statement about configuring the Cisco VCS Control and Cisco VCS Expressway is true?

- A. You do not need to configure search rules for traversal calls.
- B. You need to configure the firewall to allow communication from the Cisco VCS Expressway to the Cisco VCS Control.
- C. The username on the Cisco VCS Control and Cisco VCS Expressway are local and do not need to match.
- D. The Cisco VCS Expressway is the Traversal Server.

**Answer:** D

**NEW QUESTION 264**

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 269**

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 272**

When considering Cisco Unified Communications Manager failover, how many backup servers can be configured in a Cisco Unified Communications Manager Group?

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

**Answer:** C

**NEW QUESTION 276**

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 281

When configuring Cisco Unified Survivable Remote Site Telephony, which CLI command enables this feature on the router?

- A. call-manager-fallback
- B. ccm-manager redundant-host
- C. ccm-manager sccp local
- D. ccm-manager switchback

**Answer:** A

#### NEW QUESTION 283

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 288

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 291

When implementing a dial plan for multisite deployments, what must be present for SRST to work successfully?

- A. dial peers that address all sites in the multisite cluster
- B. translation patterns that apply to the local PSTN for each gateway
- C. incoming and outgoing COR lists
- D. configuration of the gateway as an MGCP gateway

**Answer:** B

#### NEW QUESTION 295

Which code snippet is required for SAF to be initialized?

- A. Service Family
- B. External-Client
- C. router eigrp
- D. topology base

**Answer:** C

#### NEW QUESTION 297

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 299

Which option is known as the location attribute that the global dialplan replication uses to advertise



its dial plan information?

- A. location controller
- B. route pattern
- C. route string
- D. URI

**Answer:** C

#### NEW QUESTION 304

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

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

**Answer:** B

#### NEW QUESTION 308

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 309

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 314

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 317

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 322

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 325

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 326

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](http://www.cisco.com/en/US/tech/tk652/tk701/technologies_configuration_guide_chapter09186a00800eadee.html)

#### NEW QUESTION 328

How many nodes can a phone establish a connection to at the same time?

- A. 4
- B. 3
- C. 1
- D. 2

**Answer:** D

#### NEW QUESTION 332

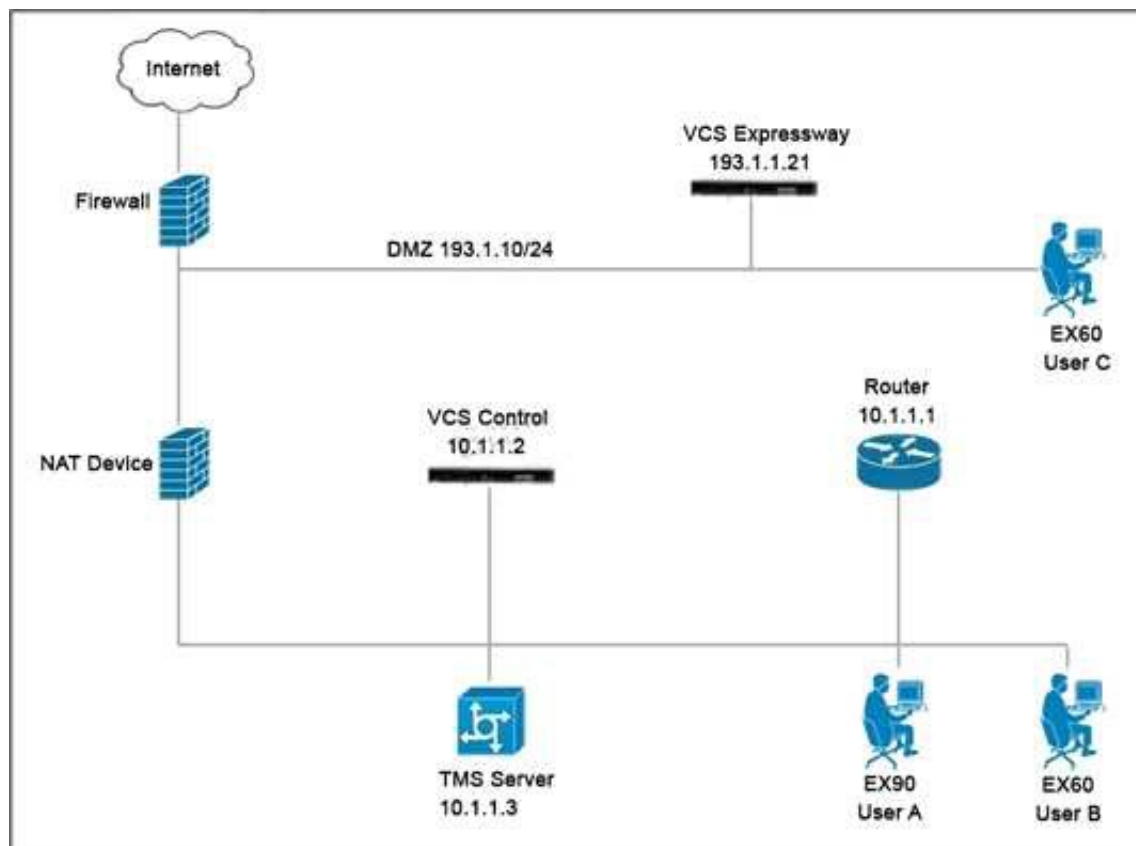
Which two options are requirements for hardware MTP on Cisco IOS routers? (Choose two.)

- A. the same audio codec on both legs of the call
- B. an FXO card
- C. a binding IP address
- D. a hardware transcoder
- E. DSP resources
- F. a T1 card

**Answer:** DE

#### NEW QUESTION 334

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 337

Which three messages does a Cisco VCS use to monitor the Presence status of endpoints?

(Choose three.)

- A. start-call
- B. in-all
- C. end-call
- D. call-ended
- E. call-started
- F. registration

**Answer:** BDF

#### Explanation:

Reference:

[http://www.cisco.com/c/en/us/td/docs/telepresence/infrastructure/articles/vcs\\_monitors\\_presence\\_status\\_endpoints\\_kb\\_186.html](http://www.cisco.com/c/en/us/td/docs/telepresence/infrastructure/articles/vcs_monitors_presence_status_endpoints_kb_186.html)

#### NEW QUESTION 339

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 340

An engineer is working on a Cisco VCS Control routing configuration and wants users to be able to dial ccnpcollab and have calls routed to ccnpcollab@cisco.com. Which option achieves this aim?

- A. search rules
- B. transforms
- C. access rules
- D. call policy

**Answer:** B



**NEW QUESTION 345**

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/ccmcfg/bccm-861cm/b06siprf.html](http://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/admin/8_6_1/ccmcfg/bccm-861cm/b06siprf.html)

**NEW QUESTION 350**

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 354**

Refer to the exhibit.

```
device 1:
interface 1
10.10.10.1
telephony-service
ip source-address 10.10.10.1 secondary 10.10.10.2

device 2:
interface 1
10.10.10.2
telephony-service
ip source-address 10.10.10.1 secondary 10.10.10.2
```

Which option describes the effect of this configuration?

- A. It implements Cisco Unified CME redundancy.
- B. It configures a standby Cisco Unified E.
- C. It configures failover.
- D. It implements Cisco IOS redundancy.
- E. It creates dial peers.
- F. It implements HSRP.

**Answer:** A

**NEW QUESTION 359**

Which option indicates the best QoS parameters for interactive video?

- A. 0% Max Loss, 100 ms One-way Latency, 30 ms Jitter, 20% Overprovisioning
- B. 1% Max Loss, 160 ms One-way Latency, 60 ms Jitter, 10% Overprovisioning
- C. 1% Max Loss, 150 ms One-way Latency, 30 ms Jitter, 20% Overprovisioning
- D. 5% Max Loss, 5 s One-way Latency, 30 ms Jitter, 20% Overprovisioning

**Answer:** C

**Explanation:**

Reference: [http://www.cisco.com/c/en/us/td/docs/solutions/Enterprise/WAN\\_and\\_MAN/QoS\\_SRND/QoS-SRND-Book/QoSIntro.html](http://www.cisco.com/c/en/us/td/docs/solutions/Enterprise/WAN_and_MAN/QoS_SRND/QoS-SRND-Book/QoSIntro.html) (interactive video)

**NEW QUESTION 360**

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 365

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 370

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](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 372

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 374

Which two steps must you take when implementing TEHO in your environment? (Choose two.)

- A. Implement local failover.
- B. Implement SIP to POTS.
- C. Load-balance PRI connections.
- D. Load-balance route lists within the cluster.
- E. Implement ICT trunks to remote locations.
- F. Implement centralized failover.

**Answer:** AD

#### NEW QUESTION 376

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 379**

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](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 380**

Which three globalization dialing functions are enhanced in Cisco Unified Communications Manager 7.x and later? (Choose three.)

- A. MGRL
- B. HO
- C. CER
- D. AAR
- E. SAF
- F. click-to-call

**Answer:** BCE

**Explanation:**

Reference: [http://www.cisco.com/c/en/us/td/docs/voice\\_ip\\_comm/cucm/srnd/9x/uc9x/dialplan.html](http://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/srnd/9x/uc9x/dialplan.html) (benefits of new design approach)

**NEW QUESTION 382**

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

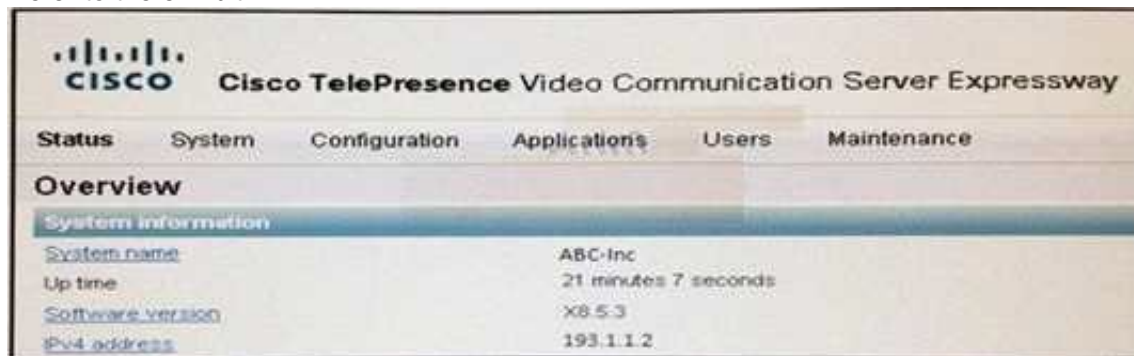
**Answer:** BC

**Explanation:**

Reference: [http://www.cisco.com/c/en/us/td/docs/voice\\_ip\\_comm/cucme/troubleshooting/guide/ts\\_phreg.html](http://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucme/troubleshooting/guide/ts_phreg.html) (see the steps)

**NEW QUESTION 385**

Refer to the exhibit.



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 388**

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 389

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

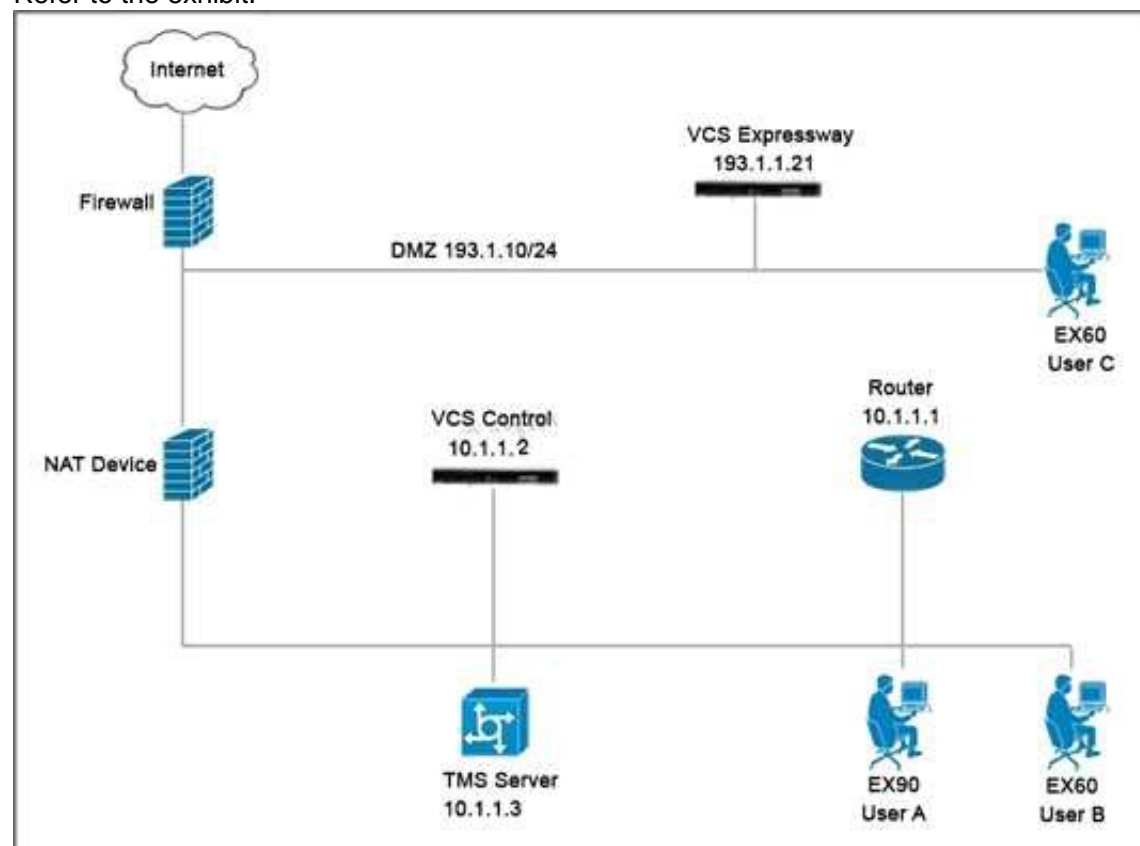
**Answer: BCD**

#### 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](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 394

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 398

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 403

In the case of a VCS cluster, which configuration element is recommended for endpoint H.323 registration?

- A. hostname of the VCS cluster configuration master

- B. static IP addresses
- C. DNS SRV records pointing to the VCS cluster name
- D. hostname of the VCS cluster member peer

**Answer:** C

**NEW QUESTION 407**

.....

## Thank You for Trying Our Product

\* 100% Pass or Money Back

All our products come with a 90-day Money Back Guarantee.

\* One year free update

You can enjoy free update one year. 24x7 online support.

\* Trusted by Millions

We currently serve more than 30,000,000 customers.

\* Shop Securely

All transactions are protected by VeriSign!

**100% Pass Your 300-075 Exam with Our Prep Materials Via below:**

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