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Implementing Cisco IP Telephony & Video, Part 2 v1.0

Cisco 300-075

Version Demo

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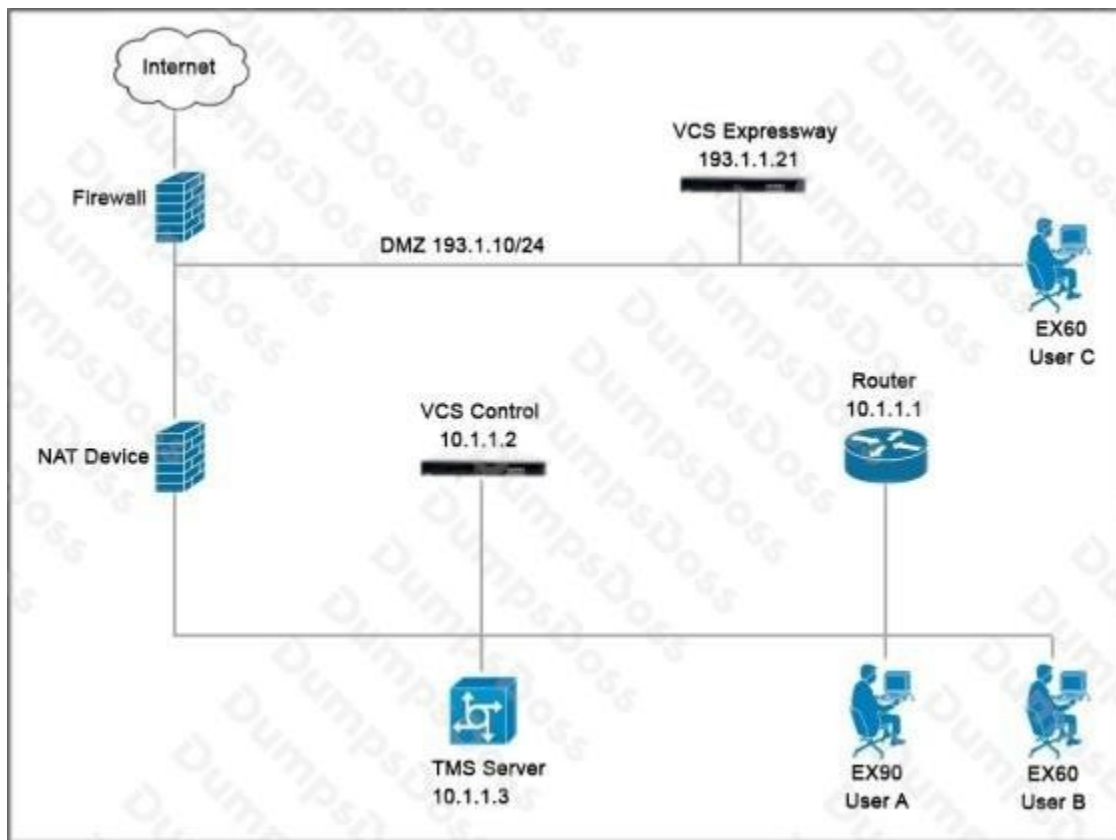
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QUESTION NO: 1

Refer to the exhibit.



Which three statements about when user A calls user C 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. RTP 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: A B E

QUESTION NO: 2

In the event that the central CUCM is unreachable, how will an endpoint identify which IP address to connect to for registration and call processing?

- A. SRST Reference
- B. Cisco Discovery Protocol
- C. SRST router fallback config
- D. DHCP Option 150

ANSWER: A

QUESTION NO: 3

What is the purpose of a SAF Client?

- A. To decode address information and route calls to and from the end points
- B. To pass IP information from the CUCM to the endpoint
- C. To learn about and advertise or subscribe information about SAF network services
- D. To reside in the Cisco IOS software, and to communicate with the SAF forwarder

ANSWER: C

QUESTION NO: 4

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: C D

Explanation:

Reference:

http://www.cisco.com/en/US/products/sw/voicesw/ps556/products_administration_guide_chapter09186a0080153e60.html#wp1092734

QUESTION NO: 5

To preserve analog calls in an MGCP switchback event, which three commands must be configured in the MGCP fallback router? (Choose three.)

- A. h323
- B. mgcp-switchback-graceful
- C. voice service voip
- D. mgcp-graceful
- E. preserve-h323
- F. no h225 timeout keepalive

ANSWER: A C F

QUESTION NO: 6

Which device must be responsible for properly marking network traffic when a Cisco IP phone is connected to a Cisco switch?

- A. core layer switch
- B. access layer switch
- C. branch router
- D. Cisco IP phone

ANSWER: B

QUESTION NO: 7

Refer to the exhibit.

The exhibit shows two configuration screens from the Cisco Unified Communications Manager. The top screen is 'Hosted DN Pattern' and the bottom screen is 'Hosted DN Group'. Both screens have a 'Hosted DN Pattern Info' section with the following fields:

- Hosted Pattern*: 2XXX
- Description: (empty)
- Hosted DN Group*: HQ_DN (selected from a dropdown menu)
- PSTN Failover Strip Digits: 0
- PSTN Failover Prepend Digits: +498950555
- ☐ Use HostedDN as PSTN Failover

The bottom screen, 'Hosted DN Group', has a 'Hosted DN Group Info' section with the following fields:

- Name*: HQ_DN
- Description: (empty)
- PSTN Failover Strip Digits: 0
- PSTN Failover Prepend Digits: +498953121
- ☐ Use HostedDN as PSTN Failover

When the Cisco Unified Communications Manager advertises the Hosted DN Pattern, which pattern would be advertised?

- A. 2XXX and the ToDID will be 0:+498950555
- B. 2XXX and the ToDID will be 0:+4989531 21
- C. 4989S05552XXX and the ToDiD will be 0:
- D. + 4989631 21 2XXX and the ToDiD will be 0:
- E. Both +4989505552XXXand +4989531 21 2XXX will be advertised with ToDID of 0:

ANSWER: A

QUESTION NO: 8

Which two Cisco Unified Communications Manager gateway types require manual dial-peer configuration to enable PSTN call routing? (Choose two.)

- A. MGCP
- B. H.323
- C. SCCP
- D. SIP
- E. VG224

ANSWER: A B

QUESTION NO: 9

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

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

ANSWER: B

QUESTION NO: 10

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

QUESTION NO: 11

Which two call scenarios are supported by AAR? (Choose two.)

- A. calls with CTI route points as the origin or destination of calls
- B. calls from Cisco Unified Communications Manager Extension Mobility users who roam to different sites
- C. calls from remote sites where SRST is activated
- D. calls originating from an IP phone within one location which terminates at an IP phone within another location
- E. calls incoming through a gateway device within one location which terminates at an IP phone within another location

ANSWER: D E

QUESTION NO: 12

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

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

ANSWER: B C D

Explanation:

TEHO stands for Tail End Hop Off, CER stands for Cisco Emergency Responder and AAR stands for Automated Alternate Routing. These are the correct answers according to the Cisco Collaboration System SRND.

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

QUESTION NO: 13

Which two statements are true regarding the implementation of globalized call-routing in terms of localized call egress? (Choose two.)

- A. Calling-party numbers are routed from the gateway or trunks to phones.
- B. Called-party numbers are routed from the gateway or trunks to phones.
- C. Calling-party numbers of internal calls are routed from the gateway or trunks.

D. Calling-party calls are routed to the gateway and trunks.

ANSWER: A D

QUESTION NO: 14

Which CLI command can you use to verify the SRST operational state?

- A. show call-manager-fallback
- B. show srst status
- C. show call-manager status
- D. show call-manager-srst

ANSWER: A

QUESTION NO: 15

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

QUESTION NO: 16

Which device is needed to integrate H.320 into the Cisco video solution?

- A. video gateway
- B. MGCP gateway
- C. H.323 gatekeeper
- D. MCU

ANSWER: C

Explanation:

As with H.323 MCUs, H.320 gateways are provisioned in Cisco Unified CallManager as H.323 gateways, and then route patterns are configured to extend calls to these devices.

QUESTION NO: 17

Which two configurations provide the best SIP trunk redundancy with Cisco Unified Communications Manager? (Choose two.)

- A. Configure all SIP trunks with DNS SRV
- B. Configure all SIP trunks with Cisco Unified Border Element
- C. Configure all SIP trunks to point to a SIP gateway
- D. Configure SIP trunks to be members of route groups and route lists
- E. Configure all SIP trunks to allow TCP ports 5060
- F. Configure all SIP trunks to point to a gatekeeper through SIP to H.323 gateway

ANSWER: A D

Explanation:

For SIP trunks, Cisco Unified Communications Manager supports up to 16 IP addresses for each DNS SRV and up to 10 IP addresses for each DNS host name. The order of the IP addresses depends on the DNS response and may be identical in each DNS query. The OPTIONS request may go to a different set of remote destinations each time if a DNS SRV record (configured on the SIP trunk) resolves to more than 16 IP addresses, or if a host name (configured on the SIP trunk) resolves to more than 10 IP addresses. Thus, the status of a SIP trunk may change because of a change in the way a DNS query gets resolved, not because of any change in the status of any of the remote destinations.

QUESTION NO: 18

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: A C

QUESTION NO: 19

Which device is used to connect to the H.323 gatekeeper?

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

ANSWER: C