

Exam : Cisco 642-456

**Title : Implementing Cisco Unified
Communications Manager Part 2
(CIPT2 v6.0)**

Version : DEMO

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1. The Acme Corporation is experiencing poor, choppy audio quality on voice calls placed across their WAN link to and from Madison. What can be done to the Location parameter for Madison to help alleviate this problem?

Select the best response.

- A. Increase the audio bandwidth setting in the Location configuration window for Madison.
- B. Nothing, the audio bandwidth Location parameter for Madison is not related to the problem.
- C. Remove the audio bandwidth parameter in the Location configuration window for Madison.
- D. Decrease the audio bandwidth setting in the Location configuration window for Madison.

Answer: D

2. How are Cisco Unified CallManager location parameters used?

Select the best response.

- A. Assign directory numbers to devices as they connect to the IP telephony network.
- B. Implement call admission control in a centralized call processing deployment.
- C. Provide alternate call routing when the primary call path is unavailable.
- D. Specify the bandwidth used for audio and video calls.

Answer: B

3. What is the impact of setting an RSVP policy per location pair with a default interlocation RSVP service policy?

Select the best response.

- A. additional bandwidth capacity will be added to the default interlocation RSVP service policy
- B. the RSVP policy will only be associated with one type of call; for example, if it is associated with video calls, audio calls will not be impacted
- C. an RSVP mandatory mid-call retry counter will be added to calls that encounter mid-call retry errors
- D. the default interlocation RSVP service policy will be overridden

Answer: D

4. How is recovery from SRST mode back to Cisco Unified Communications Manager call processing accomplished?

Select the best response.

- A. The IP phones receive Keepalives from Cisco Unified Communications Manager. They then register with Cisco Unified Communications Manager and cancel their registration with the SRST gateway.
- B. The IP phones receive a response to Keepalives sent to Cisco Unified Communications Manager. They then register with Cisco Unified Communications Manager and cancel their registration with the SRST gateway.
- C. The SRST gateway receives Keepalives from Cisco Unified Communications Manager. The SRST gateway then rejects the IP phone registrations with instructions to register with Cisco Unified Communications Manager.
- D. The SRST gateway receives a response to Keepalives sent to Cisco Unified Communications Manager. The SRST gateway then rejects the IP phone registrations with instructions to register with Cisco Unified Communications Manager.

Answer: B

5. Refer to the exhibit. Horst's Helicopters has a centralized Cisco Unified Communications Manager deployment, with SRST implemented on MGCP gateways at the remote sites. The WAN link to Seattle has failed. All phones in Seattle have registered to the SRST gateway and can call each other internally, but all outside calls fail.

Based on the output shown in the exhibit, what is the most likely solution to the problem?

Select the best response.

```

SRST-Router#show ccm-manager
MGCP Domain Name: BR1
Priority          Status                Host
=====
Primary          Down                  10.1.5.10
First Backup     None
Second Backup   None

Current active Call Manager:      None
Backhaul/Redundant link port:    2428
Failover Interval:               30 seconds
Keepalive Interval:              15 seconds
Last keepalive sent:             15:53:22 UTC Aug 4 2006 (elapsed time: 1h11m)
Last MGCP traffic time:          15:52:52 UTC Aug 4 2006 (elapsed time: 1h12m)
Last failover time:              None
Last switchback time:           None
Switchback mode:                 Graceful
MGCP Fallback mode:              Not Selected
Last MGCP Fallback start time:   None
Last MGCP Fallback end time:     None
MGCP Download Tones:            Disabled

Backhaul/Redundant link is down
Configuration Error History:
FAX mode: cisco
SRST-Router#

SRST-Router#show dial-peer voice summary
dial-peer hunt 0
          AD
TAG      TYPE  MIN  OPER  PREFIX  DEST-PATTERN  PRE PASS  OUT
          up   up   9T      0          FER THRU SESS-TARGET  STAT  PORT
1        pots up   up          0          down  1/0:23
    
```

- A. Configure MCGP fallback on the gateway.
- B. Add the isdn outgoing-voice command to the configuration.
- C. Call the phone provider and report that the PRI link is down.
- D. Enable the outgoing POTS dial peer with the no shutdown command.

Answer: A

6. Refer to the exhibit. On a router running Cisco IOS Release 12.3(14)T, an auto-attendant Tel script is loaded and a warning message is displayed, stating that the operator parameter has not been registered. See the exhibit for an example of the error.

What must you do to continue?

Select the best response.

```
2811(config-app)#service aa flash:its-CISCO.2.0.1.0.tcl
2811(config-app-param)#
*Sep 20 17:24:11.545: //-1//HIFS:/hifs_ifs_cb: hifs ifs file read succeeded. size=6627, url=flash:its-CISCO.2.0.1.0.tcl
*Sep 20 17:24:11.549: //-1//HIFS:/hifs_free_idata: hifs_free_idata: 0x48CA4354
*Sep 20 17:24:11.549: //-1//HIFS:/hifs_hold_idata: hifs_hold_idata: 0x48CA4354
2811(config-app-param)#param operator 5000
Warning: parameter operator has not been registered under aa namespace
2811(config-app-param)#
```

- A. nothing, the warning may be ignored
- B. register the application with the gatekeeper
- C. register the application parameters with the gatekeeper
- D. register the application parameters with the application
- E. register the application with the Cisco Unified Communications Manager
- F. register the application parameters with the Cisco Unified Communications Manager

Answer: A

7. Which debug command can be used to troubleshoot an issue with a Tel script?

Select the best response.

- A. debug tcl script
- B. debug call script
- C. debug custom script
- D. debug voice application

Answer: D

8. Which encryption algorithm does SRTP utilize?

Select the best response.

- A. SEAL
- B. 3DES
- C. IPSEC
- D. AES

Answer: D

9. What is required to effectively use the Cisco CTL client to activate security in an IP telephony network?

Select the best response.

- A. H.323 gateway
- B. Security Tokens
- C. IPSEC
- D. Secure SRST

Answer: B

10. When configuring CAPF, user intervention is required when using which authentication mode?

Select the best response.

- A. by existing certificate (precedence to LSC)
- B. by null string
- C. by existing certificate (precedence to MIC)
- D. by authentication string
- E. user intervention never required

Answer: D

11. Manual IOS SRTP configuration is required on which two types of gateways? (Choose two.)

Select 2 response(s).

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

Answer: AD

12. Which service, when correctly configured in Enterprise Parameters, permits the phone configuration files to be encrypted?

Select the best response.

- A. Cisco Unified Communications Manager Service
- B. Cisco IP Voice Media Streaming App Service
- C. Cisco CTIManager Service
- D. Cisco TFTP Service
- E. Cisco CTL Client Service

Answer: D

13. What is the purpose of a region?

Select the best response.

- A. to specify only the audio codec used within a site
- B. to specify only the video codec used between other specific sites
- C. to specify the range of codecs used between all other sites
- D. to specify the audio and video codecs used between specific sites

Answer: D

14. When you configure a region to use the G.729 codec, which other codecs can be utilized in the region?

Select the best response.

- A. The region can use all the codecs supported by Cisco Unified Communications Manager.
- B. The region will use all of the codecs supported by Cisco Unified Communications Manager as long as a software Media Termination Point is available.
- C. The region will only use the codec configured in the region configuration field and any other codecs of equal or lower bandwidth.
- D. The region will use the configured codec and the default codec as long as it does not exceed the configured bandwidth for the region.

Answer: C

15. Which statement best describes a Media Termination Point?

Select the best response.

- A. A hardware Media Termination Point can be used to transcode a-law to mu-law and vice versa, but both connections must utilize the same packetization periods.
- B. A Media Termination Point is an entity that accepts two full-duplex G.711 streams. It bridges the media streams together and allows them to be set up and torn down independently.
- C. A Media Termination Point corrects a mismatch in DTMF transport types when using Delayed Offer for inbound SIP calls.
- D. In Cisco Unified Communications Manager 6.0, a Media Termination Point is required when two endpoints use a common method for sending DTMF between them such as for all calls using SIP trunks.
- E. When using H.323 Fast Start, for inbound and outbound Fast Start, a Media Termination Point is required.

Answer: B

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