Vendor: Cisco

Exam Code: 642-270

Exam Name: Implementing Cisco TelePresence Video Networking Solutions (ITVNS)

Version: 3.45
QUESTION NO: 1

On a Cisco TelePresence CLI, which command is the correct syntax to get Layer 2 address of all connected devices?

A. show arp list
B. utils arp list
C. arp list active
D. arp list list
E. show arp active

Answer: B

QUESTION NO: 2

On a Cisco TelePresence CLI, which command is the correct syntax to run a traceroute to a remote host?

A. network traceroute {dest}
B. tracert {dest}
C. utils network tracert {dest}
D. set tracert {dest}

Answer: C

QUESTION NO: 3

Which QoS mapping is the best practice for Cisco TelePresence systems?

A. CoS 5 to map to a DSCP value of 40
B. CoS 4 to map to a DSCP value of 46
C. CoS 3 to map to a DSCP value of 48
D. CoS 5 to map to a DSCP value of 16
E. CoS 4 to map to a DSCP value of 32

Answer: E

QUESTION NO: 4
Which statement describe the Hard-lock VIP mode of a Cisco TelePresence Multipoint conference?
A. No Cisco TelePresence endpoint is allowed to join without the VIP approval.
B. No Cisco TelePresence endpoint is allowed to join until the designated VIP Cisco TelePresence endpoint joins.
C. VIP video is switched out temporarily with voice-activated switching; VIP video is switched back automatically.
D. VIP video is always displayed at all sites and is never switched out.

Answer: D

QUESTION NO: 5
Given the following:
Cisco TelePresence endpoint A: In the Cisco Unified Communication Manager, Quality is set to High detail, Good Motion 720p
Cisco TelePresence endpoint B: In the Unified CM, Quality is set to High detail, Best Motion 1080p
What happens when Cisco TelePresence endpoint A calls Cisco TelePresence endpoint B?
A. Cisco TelePresence endpoint A gets a fast busy.
B. The call connects, but it drops with a “Configuration mismatch” error on Cisco TelePresence endpoint B.
C. Cisco TelePresence endpoint B quality upgrades to 1080p and the call goes through at 1080p.
D. Cisco TelePresence endpoint B quality drops down to 720p and the call goes through at 720p.

Answer: D
QUESTION NO: 6

Given the following:

Cisco TelePresence endpoint A

Phone field: Disable Speakerphone and Headset is checked.

DN configuration: Auto answer is enabled.

Cisco TelePresence endpoint B

Phone field: Disable Speakerphone and Headset is unchecked.

DN configuration: Auto answer is enabled.

What happens when Cisco TelePresence endpoint A calls Cisco TelePresence endpoint B?

A. Cisco TelePresence endpoint A gets a fast busy.

B. Cisco TelePresence endpoint B gets a ring, and the call will establish as an audio-only call out of the Cisco IP Phone.

C. Cisco TelePresence endpoint B gets a ring, and the call will establish as a video-only call.

D. Cisco TelePresence endpoint B gets a ring, and the call will establish, but there is no audio or video.

Answer: B

QUESTION NO: 7

Using Auto Collaborate with a Cisco TelPresence endpoint, what resolution should the laptop share?

A. 800 x 600 60 Hz

B. 800 x 600 70 Hz

C. 1024 x 768 60 Hz

D. 1024 x 768 50 Hz

E. 1600 x 1200 60 Hz
QUESTION NO: 8

The Cisco MXE 5600 performs which two of the following functions? (Choose two)

A. routes video calls between Cisco TelePresence and non-telepresence endpoint.
B. accepts SIP calls from the Cisco Unified Communication Manager only when the calling and called parties have a....profile.
C. transcodes and enhances video that is sent over RTP between Cisco TelePresence and non-telepresence endpoints.
D. registers to the Cisco Unified Communication Manager over a SIP trunk.

Answer: A,C

QUESTION NO: 9

Which three types of Cisco TelePresence endpoints support the Presentation-in-Picture feature? (Choose three)

A. Cisco CTS-500
B. Cisco CTS-1000
C. Cisco CTS-1300
D. Cisco CTS-3000
E. Cisco CTS-3200

Answer: A,B,C

QUESTION NO: 10

Which DHCP server gives secondary Codes in Cisco TelePresence CTS-3000 and CTS-3200 systems their IP address?

Answer: C
A. DHCP server on the voice VLAN
B. DHCP server on the primary codec
C. DHCP server on the Cisco Unified Communication Manager
D. DHCP server on the Cisco TelePresence Manager

Answer: B

QUESTION NO: 11
What must be done when the Cisco TelePresence Manager works with Microsoft Exchange Server 2003 and you want to migrate to ....note solution?
A. The Cisco TelePresence Manager must be reinstalled.
B. The Exchange configuration must be modified to reflect the new IBM Lotus Notes server settings.
C. The Exchange configuration must be reinstalled.
D. This move is not supported.

Answer: A

QUESTION NO: 12
What is the difference between A-weighted and C-weighted acoustic measurements?
A. A-weighted is the ambient sound pressure level; C-weighted is the calculated sound pressure level
B. A-weighted is the sound a human can hear; C-weighted includes the levels out of the humanbearing range.
C. A-weighted is the average dB of a certain area; C-weighted is a single measurement.
D. A-weighted is the average dB of a certain area; C-weighted is a combined total measurement.

Answer: B
QUESTION NO: 13
Which two media encryption methods are supported by Cisco TelPresence using SRTP? (Choose two)
A. HMAC-SHA- auth tags
B. AES-128-ICM
C. AES-128-CBC
D. RSA Signature
Answer: A,B

QUESTION NO: 14
How many CTMS can be configured in Cisco TelePresence Manager?
A. 1
B. 2
C. 3
D. unlimited number
Answer: D

QUESTION NO: 15
Which device will cause a Cisco TelePresence call to drop if the device is not properly cabled?
A. microphone
B. camera HDMI
C. plasma display
D. speaker
E. Auto Collaborate cable
Answer: B