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CCNA Collaboration Implementing Cisco Video Network Devices (CIVND)

Cisco 210-065

Version Demo

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Topic Break Down

Topic	No. of Questions
Topic 1, Video Concepts	107
Topic 2, Endpoint Configuration	159
Topic 3, Troubleshooting and Support	117
Topic 4, Conferencing Concepts	74
Total	457

QUESTION NO: 1

Cisco VCS has experienced "15011 Application Failed" error. Where would you view details of this error?

- A. Maintenance->Diagnostics->Incident reporting
- B. Maintenance->Diagnostics->Failure log
- C. Maintenance->Diagnostics->Alarms reporting
- D. Maintenance->Diagnostics->Error reporting

ANSWER: A

QUESTION NO: 2

An engineer is creating a system backup on a Cisco VCS. Which two options describe characteristics of Cisco VCS backups? (Choose two.)

- A. The backup can be sent to the remote SFTP server.
- B. The backup can be encrypted with a password.
- C. The backup can be sent to additional servers in the cluster.
- D. The backup is valid for 30 days.
- E. The backup is stored in Cisco TMS.
- F. The backup is only downloadable locally.

ANSWER: B F

Explanation:

To create a backup of the VCS's system data:

1. Go to the Backup and restore page (Maintenance > Backup and restore).
2. Optionally, enter an Encryption password with which to encrypt the backup file. If a password is specified, the same password will be required to restore the file.
3. Click Create system backup file.
4. After the backup file has been prepared, a pop-up window appears and prompts you to save the file (the exact wording depends on your browser). The default name is in the format: ____backup.tar.gz. (The file extension is normally .tar.gz.enc if an encryption password is specified. However, if you use Internet Explorer to create an encrypted backup file, the filename extension will be .tar.gz.gz by default. These different filename extensions have no operational impact; you can create and restore encrypted backup files using any supported browser.) Note that the preparation of the system backup file may take several minutes. Do not navigate away from this page while the file is being prepared.
5. Save the file to a designated location.

Note that log files are not included in the system backup file.

Reference:

http://www.cisco.com/c/dam/en/us/td/docs/telepresence/infrastructure/vcs/admin_guide/Cisco_VCS_Administrator_Guide_X7-2.pdf

QUESTION NO: 3

A user wants to use the One Button to Push feature on a Cisco TelePresence System 500-32 video endpoint. Which configuration tool should be used to allow the One Button to Push feature to work?

- A. Cisco Unified Communications Manager server, phones, devices, One Button to Push
- B. Cisco Gigaswitch Router, Call Manager Express, One Button to Push
- C. Cisco TelePresence Manager Suite server, new conference, set Conference type to One Button to Push
- D. Active Directory server, users, new conference, One Button to Push
- E. Cisco TelePresence Video Communication Server, new conference, calls, One Button to Push

ANSWER: C

QUESTION NO: 4

Users are reporting that when they receive a second video call on a Cisco TelePresence EX60 and press "Accept and Merge", they can hear the audio but cannot see the video. Which two actions should an engineer take to fix the cause of the problem? (Choose two.)

- A. Set the Cisco VCS Conference Factory mode to "On."
- B. Set the Endpoint ActiveControl mode to "Auto."
- C. Set the Cisco VCS Call Policy configuration to "Local CPL."
- D. Set the Endpoint Multipoint mode to "MultiWay."
- E. Set the Endpoint DefaultCall protocol to "SIP."

ANSWER: A D

QUESTION NO: 5

Endpoints for immersive telepresence (Choose three):

- A. CTS 3000
- B. TX 9000
- C. EX 90
- D. SX 10
- E. T3
- F. Jabber

ANSWER: A B E

QUESTION NO: 6

Which option is the embedded component that enables endpoints and collaboration applications to support medianet functionality?

- A. Media Services Interface
- B. Open API
- C. XMPP
- D. SNMP
- E. Medianet Agent
- F. SDN

ANSWER: A

Explanation:

Media Services Interface (MSI) is a software component that is embedded in video endpoints and collaboration applications. The MSI software developer's kit provides a set of APIs enabling applications to use medianet network services such as Autoconfiguration and Media Monitoring.

MSI ties the network to user devices and applications to enable for a true end-to-end architecture called Cisco Medianet. MSI-embedded endpoints and applications are more tightly integrated with the network to help the organization:

- Help reduce the costs of deploying and managing video endpoints
- Quickly troubleshoot issues and help cut operational costs
- Detect network issues while they occur for immediate remediation and improved user experience
- Enable the network to accurately apply network services to enhance user experience.

Reference: http://www.cisco.com/c/en/us/solutions/collateral/enterprise/enterprise-medianet/qa_C67-511731.html

QUESTION NO: 7

Which MCU supports the use of a lobby screen?

- A. CTMS
- B. TS 8710
- C. MCU 5300
- D. Conductor

ANSWER: B

Explanation:

New features and functionality in version 2.2

- HD and Full HD modes
- Increased cluster size
- Content improvements
- Lobby screen

- Conference ending notification
 - Improvements to telepresence experience
 - Faster audio switching
 - Centered PIPs
 - Improved support for Cisco CTS systems
 - Encrypted calls
 - Roster list
 - Conference locking
 - Multichannel audio
 - Conference size limits
 - Improved text rendering
 - IPv6 support
 - Send DTMF to endpoints on connect
 - TelePresence Server to CUCM trunking
 - New help system
- http://www.cisco.com/c/dam/en/us/td/docs/telepresence/infrastructure/ts/release_note/Cisco_TelePresence_Server_Release_Note_2-2.pdf

QUESTION NO: 8

Which two standards are supported for streaming live video on Cisco TCS? (Choose two.)

- A. H.265
- B. H.261
- C. H.263
- D. H.262
- E. H.270

ANSWER: B C

Explanation:

Video standards	• H.261 • H.263 • H.263+ • H.264
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Reference: http://www.cisco.com/c/en/us/products/collateral/conferencing/telepresence-content-server/data_sheet_c78-626482.html

QUESTION NO: 9

An engineer is selecting a digital media player and must ensure that there are Ethernet downlink ports. Which model has these ports?

- A. 4310 DMP
- B. Edge 340 DMP
- C. Edge 300 DMP
- D. 4400 DMP

ANSWER: C

QUESTION NO: 10

A technician enters the diag system normal command for a Cisco TelePresence System endpoint. Which action must be done in the CLI before entering this command?

- A. Logging must be enabled.
- B. Calling services must be stopped.
- C. All forced upgrades must be cleared.
- D. The Telephone_Srvr service must be restarted.

ANSWER: B

QUESTION NO: 11

Refer to the exhibit. Which two strings that could be dialed to start a multipoint conference that is hosted by the multipoint control unit? (Choose two.)



Status System VCS configuration Applications Maintenance

Registrations by device

Name	E.164	Type	Protocol
☐ 5002@osl147.local		SIP UA	SIP
☐ 5911@osl147.local		SIP UA	SIP
☐ 5912@osl147.local		SIP UA	SIP
☐ 5913@osl147.local		SIP UA	SIP
☐ 5914@osl147.local		SIP UA	SIP
☐ 5915@osl147.local		SIP UA	SIP
☐ 5916@osl147.local		SIP UA	SIP
☐ 5919@osl147.local		SIP UA	SIP
☐ 5921@osl147.local		SIP UA	SIP
☐ 5922@osl147.local		SIP UA	SIP
☐ 5923@osl147.local		SIP UA	SIP
☐ 5924@osl147.local		SIP UA	SIP
☐ 5925@osl147.local		SIP UA	SIP
☐ 5926@osl147.local		SIP UA	SIP
☐ 594@osl147.local		Gateway	H323
☐ 594@osl147.local		Gateway	H323
☐ C80.osl147.instructor		Endpoint	H323
☐ mcu8510@osl147.local		SIP UA	SIP
☐ mcu8510@osl147.local	5919	MCU	H323
☐ multiway@osl147.local		SIP UA	SIP

- A. 52900121
- B. ex90@osl147.local
- C. ex90@osl148.local
- D. 5919
- E. ex90
- F. mcu8510@osl147.local

ANSWER: D F

QUESTION NO: 12

An engineer is deploying a Cisco TelePresence Content Server. Which two services are provided by this product? (Choose two.)

- A. video storage
- B. multiconferencing
- C. scheduler
- D. video conferencing

- E. video recording
- F. video overlay

ANSWER: A E

Explanation:

With the Cisco TelePresence® Content Server (TCS), your organization can share knowledge and enhance communication by recording videoconferences. You can access live and on-demand presentations, distance education classes, and corporate training sessions - anywhere, anytime (Figure 1). In addition, you can distribute live or recorded content to any computer or download to your favorite portable media device.

Storage ► Support for external network storage using network-attached storage (NAS)

Reference: http://www.cisco.com/c/en/us/products/collateral/conferencing/telepresence-content-server/data_sheet_c78-626482.html

QUESTION NO: 13

A company requires a video conferencing solution where users have to dial an Auto Attendant to join the session bridge. Which bridge do you recommend?

- A. 3845 ISR Router
- B. TelePresence Server
- C. Multiparty Media Appliance
- D. Media Conferencing Unit

ANSWER: D

QUESTION NO: 14

An engineer needs to design a solution that can record a Cisco TelePresence meeting between three offices, all of which use Cisco TelePresence SX10 codecs. Which two technologies are required to support this functionality? (Choose two.)

- A. Cisco TelePresence MCU
- B. Cisco TelePresence Content Server
- C. Cisco VCS Conference Factory
- D. a multisite license on the Cisco TelePresence SX10
- E. Cisco TelePresence Conductor
- F. Cisco TelePresence Video Communication Server

ANSWER: B D

QUESTION NO: 15

A video engineer configured Cisco TMS to allow conference scheduling. The engineer set the Default Reservation Type for Scheduled Calls to Automatic Connect. Which option describes what this action accomplished?

- A. No conference resources are scheduled until a Cisco TelePresence form is selected.
- B. Calls are set up and launched by the organizer.
- C. WebEx invites for conferencing are sent automatically.
- D. Conferences are automatically started at the scheduled time.

ANSWER: D

Explanation:

Automatic Connect: Cisco TMS will automatically connect all the participants at the specified time and date.

Reference:

http://www.cisco.com/c/dam/en/us/td/docs/telepresence/infrastructure/tms/admin_guide/Cisco_TMS_Admin_Guide_14-1.pdf

QUESTION NO: 16

Threat monitoring in physical access security can be based upon which three of these? (Choose three.)

- A. doors
- B. badges
- C. age
- D. weather
- E. height
- F. fingerprints

ANSWER: A B F

Explanation:

The physical access security is based on three things:

1. Doors
2. Badges
3. Fingerprints

It is because these are the three things which can be unique to a user and they do not change. Every other option listed here varies and cannot be measured appropriately.

QUESTION NO: 17

The microphone on a Cisco TelePresence System 3000 is switching incorrectly to a camera that does not have an active speaker. What is the first step that an engineer should take to troubleshoot this issue?

- A. Check whether the microphone is properly plugged in.
- B. Run the microphone calibration procedure.

C. Plug all microphones into the primary codec.

D. Check whether the cable from the microphone is plugged into the correct receptor on the codec.

ANSWER: B

Explanation:

Go to the following sections to test microphones:

- Testing Microphones on the CTS 3000, page 1-17
- Testing Microphones on the CTS 3200, page 1-18
- Troubleshooting Microphones, page 1-19
- Related Information, page 1-20

Testing Microphones on the CTS 3000

Note The effect of this calibration is applied only on CTS 3000 systems. Do not use this tool on CTS 3200 systems.

To test microphones on the CTS 3000:

Step 1 Log in to the Cisco TelePresence System Administration interface.

Step 2 Choose **Troubleshooting > Hardware Setup**.

Step 3 Click the **Microphones** radio button.

Step 4 Click **Start** in the Testing box to begin the test. The Microphone Calibration button is activated.

Step 5 Lightly tap each microphone and watch the audio meter on the corresponding display screen to see that sound registers.

Step 6 Click the **Microphone Calibration** button. A dialog box appears:

"Microphone Calibration will last approximately two minutes. Please ensure the room remains quiet during the test. Proceed?"

Note The room must be completely quiet to calibrate microphones. You may want to leave the room and close the door to carry out the calibration process to ensure complete silence in the room.

Step 7 Click **Ok** to proceed with the calibration.

OL-21545-01 Cisco TelePresence System Administration Guide 1-17

http://www.cisco.com/c/en/us/td/docs/telepresence/cts_admin/1_9/admin/guide/cts_admin/ctsadmin_trbl_3x00.pdf

QUESTION NO: 18

A Cisco TMS application has failed completely and shows several errors. Movi is in use. The engineer wants to perform a clean installation/restoration. Which two elements are required? (Choose two.)

A. TMS OS backup

B. TMSNG SQL database backup

C. TMS SQL server credentials

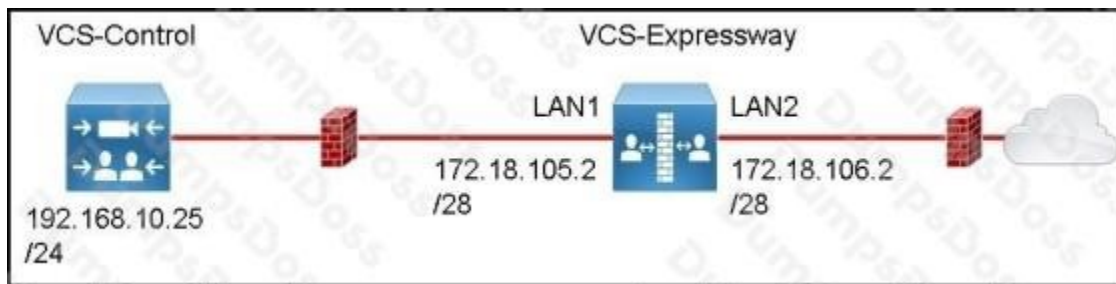
D. TMS IIS credentials

E. TMS IIS configuration settings

ANSWER: C D

QUESTION NO: 19

Refer to the exhibit.



You are deploying a Cisco VCS Expressway with the Advanced Networking option key into two separate DMZs. Gateways for all networks are the lowest usable IP address in the subnet. While you are logged in as an admin user, which command should you enter into the CLI, to enable IP routing to the Cisco VCS Control and nothing else on the internal network?

- A. xConfiguration IP Gateway: 172.18.105.1
- B. xConfiguration RouteAdd Address:192.168.10.25 PrefixLength:16 Gateway: 172.18.105.1 Interface: LAN1
- C. xCommand RouteAdd Address:192.168.0.0 PrefixLength:16 Gateway: 172.18.105.1 Interface: LAN1
- D. xCommand RouteAdd Address:192.168.10.25 PrefixLength:32 Gateway: 172.18.105.1 Interface: LAN1

ANSWER: D

Explanation:

RouteAdd Adds and configures a new IP route (also known as a static route).

Address(r):

Specifies an IP address used in conjunction with the prefix length to determine the network to which this route applies.
Default: 32 PrefixLength(r): <1..128>

Specifies the number of bits of the IP address which must match when determining the network to which this route applies.
Gateway(r):

Specifies the IP address of the gateway for this route.

Interface:

The LAN interface to use for this route. Auto: the VCS will select the most appropriate interface to use. Default: Auto
Example: xCommand RouteAdd Address: "10.13.8.0" PrefixLength: 32 Gateway: "192.44.0.1" Reference:

http://www.cisco.com/c/dam/en/us/td/docs/telepresence/infrastructure/vcs/admin_guide/Cisco-VCS-Administrator-Guide-X8-2.pdf

QUESTION NO: 20

Which two tools can be used to extract traces from a Cisco Unified Communications Manager server? (Choose two.)

- A. RTMT
- B. TraceRT
- C. Wireshark
- D. CLI

E. Syslog

ANSWER: A D