

**Cisco 642-481**

**Cisco Rich Media Communications(CRMC)**  
Version: 5.0

**QUESTION NO: 1 DRAG DROP**

Drag drop

Drag the Cisco Unified MeetingPlace Express description on the left to the appropriate Ethernet port usage on the right.

HTTP traffic for web scheduling and system administration	Ethernet Port 0, UDP Ports 16384-32767
RTMP traffic for web conferencing	Ethernet Port 1, TCP Ports 1985 or 80
RTMPS (SSL) traffic for secure web conferencing	Ethernet Port 0, TCP Port 443
HTTPS secure web scheduling and system administration	Ethernet Port 1, TCP Port 443

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**QUESTION NO: 2**

The Acme Jet Boats Company is installing an IP videoconferencing system in the corporate office. Users need the ability to dial out to external H.320 videoconferences. The company is installing a videoconferencing gateway, but is concerned that outside callers may be able to dial the gateway and then hairpin back out to the PSTN. What does Cisco recommend to ensure that this cannot happen?

- A. Use the "#" digit in the service prefix so that hairpinned call attempts will fail.
- B. Configure the Cisco CallManager so that the gateway terminates hairpinned calls.
- C. Configure the gateway to allow only outgoing calls that originate internally.
- D. Set up the gatekeeper to allow only outgoing calls that originate internally.

**Answer: A**

**Explanation:**

**QUESTION NO: 3**

The Greene Oat Company has a central site that is connected to a branch office via a 1.544-Mbps T1 Frame Relay circuit. The branch office has 20 video-enabled users in it. Least cost routing is used. It is required that all 20 users are able to use video services simultaneously for internal calls. Which solution best meets this objective?

- A. Use the Retry Video Call as Audio feature to reroute video calls as voice-only calls if they exceed the available bandwidth.
- B. Deploy an IP-videoconferencing video gateway at the branch office and not bother with LCR.
- C. Upgrade the 1.544-Mbps T1 circuit to higher bandwidth.
- D. Route video calls up to the central site in order to save on toll charges.

**Answer: C**

**Explanation:**

**QUESTION NO: 4**

One of your customers, a military contractor, is very concerned about security. The customer needs to be able to provide videoconferencing for H.323 endpoints across the IP telephony

network; however, the customer must be able to hide the IP addresses of the H.323 endpoints in the video network. Which three technologies allow the customer to provide these functions? (Choose three.)

- A. DNS/WINS
- B. a proxy server and a firewall
- C. IPCC
- D. a directory gatekeeper
- E. an IP-to-IP gateway
- F. a Cisco MCM proxy

**Answer: B,E,F**

**Explanation:**

#### QUESTION NO: 5

Which three factors must be considered when designing a H.323 videoconferencing dial plan? (Choose three.)

- A. the number of sites in the enterprise
- B. the incoming PSTN call routing method
- C. the number and location of gatekeepers
- D. the videoconferencing features and applications to be deployed
- E. the location of voice gateways
- F. the DNS and location of conferencing MCUs to be deployed

**Answer: A,B,F**

**Explanation:**

#### QUESTION NO: 6

In which order does a H.323 client send H.225 setup messages to the servers in a Cisco CallManager cluster?

- A. The H.323 client will send the H.225 setup message to a different server in the cluster for each call, to facilitate load balancing and redundancy.
- B. The H.323 client will send H.225 setup messages to the terminating H.323 endpoint to set up the call.
- C. The H.323 client will request a route to a destination from the gatekeeper, and the gatekeeper will send the call to the Cisco CallManager server that is configured with the highest priority.

D. The H.323 client will send H.225 messages to the primary, secondary, and tertiary servers in the Cisco CallManager group in sequential order; the first server that responds will handle the call.

**Answer: C**

**Explanation:**

### QUESTION NO: 7

Which two Cisco Unified MeetingPlace Express features can be accessed through the IP phone user interface? (Choose two.)

- A. Mute or unmute another attendee's phone.
- B. Use 0# to get assistance from Cisco TAC.
- C. View roster of all invited attendees.
- D. Set profile for a new meeting.
- E. View current speaker.
- F. Join a breakout session.

**Answer: E,F**

**Explanation:**

### QUESTION NO: 8 DRAG DROP

Drag drop

Click and drag the customer requirements on the left to the correct Cisco Unified MeetingPlace Express hardware solution on the right. Not all hardware solutions will be used.

The customer will start with 25 voice and 6 web user licenses, the customer's voice needs will grow 10 percent per year for 4 years; the customer will record 20-30 1-hour meetings a month.	Cisco MCS 7815-I1 with 48-GB HD
The customer requires growth to 60 voice and 40 web user licenses over the next 4 years; the customer will record almost all meetings.	Cisco MCS 7825-I1 with 72-GB HD
The customer is upgrading from Cisco Conference Connection and would like to use 70 voice user licenses and no web conferencing; the customer has limited voice-recording requirements.	Cisco MCS 7825I-3.0 with 40-GB HD
The customer requires growth to 40 voice and 40 web user licenses; the customer will record most meetings and the customer's voice recordings must be saved for 3 months.	Cisco MCS 7835-3.0 with 40-GB HD
	Cisco MCS 7835-I1 with 72-GB HD
	Cisco MCS 7845-I1 with 72-GB HD

eSim Professional v1.0.4.9 00:00:00

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**QUESTION NO: 9**

Which two are the suggested minimum web-conferencing requirements for using Cisco Unified MeetingPlace Express in a LAN or WAN environment? (Choose two.)

- A.** LAN-There is a minimum 400-kbps downstream bandwidth and presenters have a 1000-kbps upstream bandwidth.
- B.** DSL-There is a minimum 200-kbps downstream bandwidth and presenters have a 200-kbps

upstream bandwidth.

**C.** DSL-There is a minimum 200-kbps downstream bandwidth and presenters have a 400-kbps upstream bandwidth.

**D.** LAN-There is a minimum 400-kbps downstream bandwidth and presenters have a 400-kbps upstream bandwidth.

**E.** DSL-There is a minimum 1000-kbps downstream bandwidth and presenters have a 1000-kbps upstream bandwidth.

**Answer: B,D**

**Explanation:**

### QUESTION NO: 10

Bob's Bicycles recently implemented a H.323 videoconferencing solution, and wishes to conduct videoconferences with the main supplier over the extranet using the existing four-digit numbering plan at each company. Due to overlapping dial plans, the called digits must be manipulated to allow the video calls to be completed. Which solution can support this?

**A.** gatekeeper

**B.** directory gatekeeper

**C.** H.323 proxy

**D.** IP-to-IP gateway

**Answer: D**

**Explanation:**

### QUESTION NO: 11

A company has a voice- and videoconferencing network that is used by only H.323 endpoints. The company wants the ability to include SIP endpoints in voice conferences. What needs to be done to allow SIP and H.323 endpoints in the same voice conferences?

**A.** Segment multipoint control unit ports as either H.323 or SIP ports.

**B.** Cluster H.323 multipoint control units with SIP multipoint control units.

**C.** Configure the multipoint control unit to register with a gatekeeper and SIP proxy servers, and configure the SIP protocol parameters.

**D.** Supply SIP endpoint users with H.323 terminals. Conferences with both H.323 and SIP endpoints are not supported.

**Answer: C**

**Explanation:**

**QUESTION NO: 12**

Which three features are IP-videoconferencing MCU network enhancements? (Choose three.)

- A. interoperability with Microsoft Live Communication Server and Windows Messenger
- B. RAI/RAC
- C. improved serviceability such as alternate gatekeepers
- D. full compliance with RFC 3261
- E. bandwidth optimization tools

**Answer: B,C,E**

**Explanation:**

**QUESTION NO: 13**

Which LDAP integration method would be used to authenticate Cisco Unified MeetingPlace Express users with Microsoft Active Directory and also have the profiles propagated from Cisco Unified CallManager Release 4.0 and higher?

- A. Cisco Unified CallManager IP address or host name, Directory Manager user ID and password in DC-Directory, with Cisco Directory Integration Plugin installed into the customer Active Directory prior to integration
- B. Cisco Unified CallManager IP address or host name, unique user profile and password with Cisco Directory Integration Plugin installed on DC-Directory on the Cisco Unified CallManager MCS
- C. Cisco Unified CallManager IP address or host name, Directory Manager user ID and password in DC-Directory
- D. Cisco Unified CallManager with Cisco Directory Integration Plugin installed into the customer SunOne or Netscape prior to integration
- E. Cisco Unified CallManager IP address or host name, unique user Profile and password with Cisco Directory Integration Plugin installed into the customer Active Directory prior to integration

**Answer: A**

**Explanation:**

**QUESTION NO: 14**

An IP videoconferencing network is being configured. What represents the recommended IP



precedence settings for the network?

- A. voice=5; video=3; call/control=3
- B. voice and video=5; call/control=4
- C. voice = 5; video = 4; call/control = 3
- D. voice=5; video and call/control=4
- E. voice and video=5; call/control=3

**Answer: C**

**Explanation:**

#### QUESTION NO: 15

Which two statements accurately describe the EMP? (Choose two.)

- A. It increases the number of audio-only conference sessions that are supported.
- B. It is required for simultaneous support for H.323 and SCCP continuous presence sessions.
- C. It increases the number of voice-activated sessions that are supported.
- D. It increases the number of continuous presence layouts.
- E. It allows the MCU to perform rate matching.

**Answer: B,D**

**Explanation:**

#### QUESTION NO: 16

A startup company is designing a converged network, which will include video telephony and H.323 videoconferencing. Which two are key elements of the videoconferencing dial-plan design? (Choose two.)

- A. zone prefixes
- B. gatekeeper service prefixes
- C. gateway service prefixes
- D. Cisco CallManager trunks

**Answer: A,C**

**Explanation:**