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Exam : **920-328**

Title : MCS 5100 4.0 Planning & Engineering

Version : DEMO

1. A customer has a small remote office being serviced by an MCS 5100 3.0 system. They are planning to install a Public Switched Telephone Network (PSTN) Gateway. They have chosen the SIP FXO Gateway (Mediatrix 1204) for this remote office. What are two reasons that the customer would have chosen the SIP FXO Gateway for this remote office? (Choose two.)

A. They only have analog PSTN trunking capabilities available.

B. They require a direct connection to a Nortel Networks DMS 100 switch.

C. The remote office needs to interface with an external H.323 Gatekeeper.

D. There are NOT enough users at the remote office to make a SIP PRI Gateway economically viable.
Answer:AD

2. A customer has a Multimedia Communication Server (MCS) 5100 Rls. 4.0 system with all the necessary components providing telephony services to its users. To bill them for the services provided, how is the required billing information delivered to the back-end billing system via File Transfer Protocol (FTP)?

A. The raw billing data is sent to the System Manager, which formats and stores the data on the Database Manager before transporting it via FTP to the back-end billing system.

B. The raw billing data is sent to the Session Manager, which formats and stores the data on the Database Manager before transporting it via FTP to the back-end billing system.

C. The raw billing data is sent to the System Manager and then it is sent to the Accounting Manager, which formats and stores the data before transporting it via FTP to the back-end billing system.

D. The raw billing data is sent to the Session Manager and then it is sent to the Accounting Manager, which formats and stores the data before transporting it via FTP to the back-end billing system.
Answer: D

3. A customer is planning to install a Multimedia Communication Server (MCS) 5100 Rls. 4.0 system. Which two MCS 5100 media clients allow a call between two parties to be established using the click-to-call feature? (Choose two.)

A. Personal Agent

B. Provisioning Client

C. Multimedia PC Client

D. Multimedia Client Set
Answer:AD

4. Click the Exhibit button. A customer has a Multimedia Communication Server (MCS) 5100 Rls. 4.0 system and is planning to implement Ad Hoc conferencing. They want to provide up to 200 conference ports and do not want to limit the number of conference-call attendees that can be supported on each conference call. Assuming that the customer uses the G.729 CODEC with a packetization time (Ptime) of 20 milliseconds (ms), which installation recommendation should be made to satisfy their requirements?

Table 24
MPUs by Ptime and CODEC

Ptime (ms)	G.711		G.729	
	Ad Hoc Audio Conferencing, and Meet Me Audio Conferencing	Meet Me Premium Audio Conferencing	Ad Hoc Audio Conferencing, and Meet Me Audio Conferencing	Meet Me Premium Audio Conferencing
10 ms	2.0	2.4	2.5	2.9
20 ms	1.0	1.4	1.5	1.9
30 ms	0.7	1.1	1.1	1.5
60 ms	0.6	1.0	0.7	1.1

A. One Media Application Server (IBM x336)

B. Two Media Application Servers (IBM x336)

C. Four Media Application Servers (IBM x336)

D. Three Media Application Servers (IBM x336)
Answer: B

5. A customer has purchased a Multimedia Communication Server (MCS) 5100 Rls. 4.0 system. They want to use Ad Hoc and Meet Me conferencing services while minimizing costs. Which server configuration should be recommended?

A. One Media Application Server

B. Two Media Application Servers

C. One H.323 Conference Server

D. Two H.323 Conference Servers
Answer: B

6. A customer plans to purchase a Multimedia Communication Server (MCS) 5100 Rls. 4.0 system. One of their requirements is to provide secure Instant Messaging (IM) on their IP Phone 2002. How is the encryption/decryption of secure IM for the IP Phone 2002 accomplished?

A. The IP Phone 2002 must be configured to perform the encryption/decryption.

B. The Session Manager performs the encryption/decryption on behalf of the IP Phones.

C. The IP Phone 2002 requires Personal Agent to be installed to perform the encryption/decryption.

D. The IP Client Manager (IPCM) performs the encryption/decryption on behalf of the IP Phone 2002.
Answer: D

7. A customer is designing a Multimedia Communication Server (MCS) 5100 Rls. 4.0 system for their IP-network. They require that this system provide traditional telephony services, Instant Messaging (IM), and video calls. They want a media client that will give them the best IP voice quality as well as the ability to provide concurrent multimedia content. Which media client should be recommended?

A. IP Phone 2002

B. IP Phone 2004

C. Multimedia Client Set

D. Multimedia Web Client
Answer: C

8. A customer has a Multimedia Communication Server (MCS) 5100 Rls. 4.0 system installed that is providing services to 500 IP Phone 2002 and 2004 telephones in their administration department. They have decided to provide services to their engineering department. They plan to deploy 500 Multimedia PC Clients to provide them with access to traditional telephony services, video calls, Instant Messaging (IM) and whiteboarding. How will the new Multimedia PC Clients communicate with the MCS 5100 Rls. 4.0 system?

A. The Multimedia PC Clients will use the Session Manager to access the SIP network.

B. The Multimedia PC Clients will use the existing IP Client Manager (IPCM) to access the SIP network.

C. A Media Application Server will have to be installed to enable the Multimedia PC Clients to access the SIP network.

D. An IP Client Manager (IPCM) will have to be installed to enable the Multimedia PC Clients to access the SIP network.
Answer:A

9. A customer plans to deploy a Multimedia Communication Server (MCS) 5100 Rls. 4.0 system with two SIP FXS Gateways to support the six fax machines in their network. How do the SIP FXS Gateways in the MCS 5100 Rls. 4.0 system provide the capability to support these fax machines?

A. The SIP FXS Gateways act as a service between the SIP VoIP domain and end terminals using the FXS interfaces.

B. The SIP FXS Gateways act as a RTP protocol between the SIP VoIP domain and end terminals using the FXS interfaces.

C. The SIP FXS Gateways act as a RTCP protocol between the SIP VoIP domain and end terminals using the FXS interfaces.

D. The SIP FXS Gateways act as a SIP signaling agent and media gateway between the SIP VoIP domain and end terminals using the FXS interfaces.
Answer: D

10. A customer who already has a Communication Server (CS) 1000 wants to install a Multimedia Communication Server (MCS) 5100 Rls. 4.0 system and take advantage of SIP-based Converged Desktop capabilities. On which release must their CS 1000 be run?

A. Release 2.0 or later

B. Release 3.0 or later

C. Release 3.5 or later

D. Release 4.0 or later
Answer: D