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# 920-450

communication server (CS) 1000 rls.4.0

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**QUESTION NO: 1**

A client is drafting a disaster recovery plan. They are using a Communication Server (CS) 1000E RIs. 4.0 campus redundant system configured with two Signaling Servers running redundant Line Terminal Proxy Services (LTPS). How is the survivability of the IP telephones that are registered with the leader Signaling Server addressed in the event of a leader Signaling Server failure?

- A. The follower Signaling Server continues to function as a follower and the IP telephones from the former leader re-register to it.
- B. The voice gateway media cards become a source for the IP telephones from the former leader to re-register to them.
- C. The follower Signaling Server becomes the leader and the IP telephones from the former leader re-register to it.
- D. The IP Phones re-register with the Alternate Call Server via the IP network.

**Answer: C**

**QUESTION NO: 2**

When selecting and planning for an inter-zone CODEC for the deployment of a Communication Server (CS) 1000 RIs. 4.0 system, why would the current utilization of the IP network for data impact your choice?

- A. CODEC selection becomes more important within an intra-zone because voice traffic on the network must be carefully budgeted.
- B. CODEC selection rarely becomes an issue because the inter-zone network is not a shared network; bandwidth constraints are only limited to link capacity.
- C. Data traffic will have no impact because it is controlled by DiffServ QoS.
- D. Busy hour utilization of the link must support both data and voice traffic while still maintaining QoS levels.

**Answer: D**

**QUESTION NO: 3**

A service provider with a two-site Communication Server (CS) 1000 RIs. 4.0 network has the following characteristics:

Site A

CS 1000M-SG RIs. 4.0 with redundant Signaling Servers

Primary Gatekeeper ? CallPilot 2.0 is configured and serves users at both sites

Optivity Telephony Manager (OTM) 2.2 is located here and used to manage the entire network

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ISDN PRI Trunking to/from the PSTN for both locations

Site B

CS 1000M-MG Rls. 4.0

One Signaling Server is configured as the Alternate Gatekeeper

Two Media Gateways and only one is configured as Survivable

IP Peer H.323 Trunks for communication with site A

Analog Central Office trunks for emergency PSTN connection in the event of network outage to site A

In the event that the active Call Server at site A fails, what degradation in service would be the result?

- A. All services and applications are available because the Signaling Server at site B is configured as the Alternate Gatekeeper.
- B. There is a loss of CallPilot and SCCS. All other call processing is normal.
- C. OTM cannot be used until the Call Server is repaired or replaced. All other functions are normal.
- D. There is momentary disruption then all services and applications are available because site A has redundant Call Servers.

**Answer: D**

#### **QUESTION NO: 4**

A company wants to purchase a Communication Server (CS)1000E Rls. 4.0 to use as their PBX. As their Voice Mail solution, they have chosen the CallPilot 703t configuration. The customer will interface with the PSTN via three T1/E1 spans. Where must the MGate cards, the CallPilot interface card, reside?

- A. CallPilot MGate cards may reside in any card slot and the ports will be accessed over the TLAN.
- B. CallPilot MGate cards must reside in the Media Gateway 1000T and the ports must be configured as TIE trunks.
- C. CallPilot MGate cards may reside in any card slot as ports are virtual and the ports must be configured as M2616.
- D. CallPilot MGate cards must reside in the Media Gateway 1000E and the ports must be configured as M2616 telephones.

**Answer: D**

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**QUESTION NO: 5**

A customer with a Communication Server (CS) 1000S RIs. 4.0 system wants to implement the maximum level of redundancy for their Signaling Server. Which statement is true regarding the maximum level of redundancy?

- A. Alternate Call Server will be ready to take over the Signaling Server role if Primary and Alternate Signaling Server fail.
- B. Media Cards are configured to provide backup LTPS services. when both the Primary and Alternate Signaling Servers fail. SIP/H.323 gateway services will no longer be available.
- C. 323 Gatekeeper will be provisioned as a Fail-Safe Signaling Server which will take over if Primary and Alternate Signaling Server fail.
- D. Media Gateway 1000S will take over the Signaling Server role if the Primary and Alternate Signaling Server fails. Full replacement of Signaling Server services will be provided.

**Answer: B**

**QUESTION NO: 6**

A company with a Communication Server (CS) 1000M-MG RIs. 4.0 wants to implement a Symposium Call Center Server (SCCS) 5.0 in its Main Office. At the main office location there are also back-office and corporate management personnel. All telephony users have IP Phone 2004 telephones. Call center agents and corporate management always require resources available for making calls to or from the PSTN or CallPilot. What is the proper configuration of the IP telephones and associated DSP resources which will meet these requirements?

- A. Provision call center agent and manager IP telephones and associated DSP resources each belonging to their own private zone.
- B. Provision a pool of DSP resources for the call center agents based on an average of 25 CCS/agent.
- C. Provision a card port for each technical support agent and manager.
- D. Provision call center agent and manager IP telephones and associated DSP resources each belonging to a shared zone.

**Answer: A**

**QUESTION NO: 7**

A customer with two sites, A and B, wants to deploy a Communication Server (CS) 1000 RIs. 4.0 solution. They have 4500 M2616 Digital Phones at site A and want to move those users to Nortel IP Phone 2004 telephones. They also plan to open a new call center at site A with 2000 agents within the next year. Site B already has 2000 IP Phone 2004 telephones. What is the minimum