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920-452

NCSE-Communication Server 1000 Ris.4.0

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QUESTION NO: 1

A company has a multi-site Communication Server (CS) 1000 RIs. 4.0 system in South America. Two sites serve as a Main Office (MO) with three branch offices (BOs) each. All CS systems are networked via a managed IP backbone. In the event of an IP network failure at any location, inter-office communication must be maintained and the best alternative route is the PSTN. Where do you configure the fallback to the PSTN route in the CS system?

- A. in the Gatekeeper Server using Gatekeeper Element Manager (EM)
- B. in Overlay LD 86 (Route List Block [RLB]) using the CLI
- C. in Overlay LD 16 (Route Data Block) using the CLI
- D. in Overlay LD 14 (trunk definition) using the Command Line Interface (CLI)

Answer: B

QUESTION NO: 2

A site has a Communication Server (CS) 1000S RIs 4.0 system which includes a Call Server, Media Gateway 1 (MG1) and Media Gateway 2 (MG2). MG1 is the ACS and MG2 is a non-survivable cabinet. The customer notices that IP telephones are able to call each other. However, the IP users cannot initiate a conference. Which is a valid reason for the IP telephones not being able to establish a conference call?

- A. The Call Server has lost IP link to MG2. MG2 contains the Media Cards.
- B. The PBX link between the Media Cards and Call Server has dropped.
- C. The Call Server has lost IP link to MG2. MG2 contains the CONF/TDS pack.
- D. The MG1 has completely failed.

Answer: A

QUESTION NO: 3

A company has two Communication Server (CS) 1000/1000M RIs. 4.0 systems networked together (sites A and B). They plan to implement one branch office (BO) with 25 IP Phone 2004 telephones at site A. The BO will be connected to site A Main Office (MO) over virtual trunks. They have the following requirements: Incoming Central Office (CO) trunk calls at the BO must be rerouted across the virtual trunks to the MO. ? Direct-Inward-Dial (DID) calls from local trunks must be routed according to the destination Directory Numbers (DNs). ? Calls to local BO analog or digital devices must be terminated locally. Which system component and feature configuration is required to meet the company's requirements?

- A. Component: MO and BO Media Gateways Feature: Emergency Service Access (ESA)

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- B. Component: MO Signaling Server Feature: ESA
 - C. Component: BO Signaling Server Feature: Virtual Office
 - D. Component: BO SSC Feature: Vacant Number Routing (VNR)

Answer: D

QUESTION NO: 4

A company has a multi-site Communication Server (CS) 1000M-Chassis RIs. 4.0 system. If one of the Media Gateways goes into Survival Mode, they want Manual Control to restore the Media Gateway into Normal Mode. In Overlay LD 117, which command should you use to achieve this configuration?

- A. Chg Surv <port> Yes
- B. Chg Surv <port> No
- C. Chg Autosb <port> yes
- D. Chg Swoto <port> <value>
- E. Chg Autosb <port> No

Answer: E

QUESTION NO: 5

A company has a two-site Communication Server (CS) 1000 RIs. 4.0 system (site A and B) providing IP-PBX services. Both systems are networked via a managed IP backbone. One system is a CS 1000 RIs. 3.0 Main Office (MO) and the other is a Media Gateway 1000 RIs. 4.0 branch office (BO). You configure the networked systems to enable the following: ? Users at the MO to call BO workstations by dialing 49xxx. ? Users at the BO to call MO workstations by dialing 2xxx. Which initial configuration task should you perform using Element Manager (EM)?

- A. Configure a DSC of 2 in the MO and configure VNR in the BO.
- B. Configure a Local Steering Code (LSC) of 49 and a Distant Steering Code (DSC) of 2 in the BO.
- C. Configure an LSC of 2 and a DSC of 49 in the MO.
- D. Configure a DSC of 49 in the MO and configure Vacant Number Routing (VNR) in the BO.

Answer: D

QUESTION NO: 6

A customer has just purchased a basic Remote Gateway 9150. Below are some entries found on their system expansion sheet: Number of B-channels required for both local- and host-controlled

calls: 5 Number of Digital Sets: 30 A fax machine is be used for faxes through the host PBX. Call Blocking Ratio of 2:1 or better. How many additional BRI modules and DSP cards will need to be purchased?

- A. Four BRI modules and two DSP cards.
- B. Five BRI modules and three DSP cards.
- C. Three BRI modules and one DSP card.
- D. None, the basic 9150 is equipped as required.

Answer: C

QUESTION NO: 7

A company plans to have a Communication Server (CS) 1000 RIs. 4.0 Main Office (MO) site with one Media Gateway 1000B branch office (BO) site. The BO and MO will be connected via virtual trunks. Users at both sites will use Coordinated Dialing Plans (CDPs) to dial between the sites. They want long distance and CDP calls originating from the BO to route to the MO. All long distance calls will be tagged as international calls originating from the BO. They have no plans to expand the BO in the future. What is the most efficient way of routing calls from the BO?

- A. In the Gatekeeper, select the MO as the tandem endpoint for the MO.
- B. In the Gatekeeper, all Numbering Plan Areas (NPAs), international numbers, and CDP steering codes should be defined under the MO.
- C. In the Gatekeeper, select the MO as the default route for CDP and international calls. All NPA ranges will need to be defined under the MO.
- D. In the Gatekeeper, select the BO as the tandem endpoint for the MO.

Answer: C

QUESTION NO: 8

You are completing the installation of a Communication Server (CS) 1000 RIs 4.0 system. The hardware is installed and most devices have been setup and are operational. The IP network has yet to be extended beyond your location and the Signaling Server is experiencing a major problem. The support engineer, several time zones away, needs to gain access to the Signaling Server. Which connection scheme will provide them with the right type of connection?

- A. Connect a dial-up modem to the serial port of the Signaling Server to allow the support person CLI access to initiate troubleshooting procedures.
- B. Connect a modem router to the ELAN and the serial port on the Signaling Server to allow support person CLI access to initiate troubleshooting procedures.