



Exam Code: 922-090

Exam Name: Communication Server 1000 RIs.5.0 & IP
Networking Design

Vendor: Nortel

Version: DEMO

Part: A

1: You have been asked to engineer an IP Peer Networking solution for a Communication Server (CS) 1000 Rls. 5.0 network. The customer requirements include a centralized numbering plan arrangement, and they want to use SIP Trunking. What component is required as part of the centralized numbering plan for the network?

- A. Network Connect Service
- B. H.323 Gatekeeper
- C. Terminal Proxy Server
- D. Network Routing Service

Correct Answers: D

2: You have been asked to engineer an IP Peer networking solution for a Communication Server (CS) 1000 Rls. 5.0 network. The customer requirements include a centralized numbering plan arrangement using trunks with Transport Layer Security (TLS) enabled. Which components are required as part of this solution for the network? (Choose two.)

- A. SIP Proxy Server
- B. H.323 Gatekeeper
- C. Terminal Proxy Server
- D. Network Routing Service

Correct Answers: A D

3: A customer is looking to take advantage of the flexibility that a Nortel Solution provides them. They currently have a Communication Server (CS) 1000 Rls. 4.5 network with eight PBX systems connected via IP Peer Networking and the H.323 Protocol. Which options are valid when migrating the customer's network to SIP trunking between the sites? (Choose three.)

- A. Add SIP Access Ports to each CS 1000 system on the network to enable SIP Trunking.
- B. Add SIP Access Port Licenses to each of the existing NRS Platforms on the network.
- C. Enable the SIP Proxy Service on each of the CS 1000 Signaling Server Gateways.
- D. Enable and configure SIP Redirect/Registrar Services on the existing Network Routing Servers (NRS).
- E. Enable and configure the SIP Gateway Services on the various CS 1000 Signaling Server system endpoints.

Correct Answers: A D E

4: Which two statements most accurately describe the functions of the Media Gateway Controller (MGC) card in a Communication Server (CS) 1000E Rls. 5.0 system? (Choose two.)

- A. The MGC supports peripheral cards for TDM services.
- B. The MGC provides basic call processing functions for the CS 1000E.
- C. The MGC provides a gateway controller for IP media gateways in the CS 1000E.
- D. The MGC supports PRI/PRI2/DTI/DTI2 trunks, BRI trunks, D-channels and clock controllers.

Correct Answers: C D

5: A customer is deploying a Communication Server 1000E system and has requested that the

system be engineered as High Availability. What is required to consider the system High Availability? (Choose two.)

- A. Software package 405
- B. Software package 410
- C. Dual Signaling Servers
- D. Alternate Call Servers with automated database replication
- E. Dual Call Processors using a High Speed Pipe for database synchronization

Correct Answers: B E

6: Which statement most accurately describes the function of the Terminal Proxy Server (TPS) in a Communication Server (CS) 1000E Rls. 5.0 system deployment for a typical single system network design?

- A. The TPS provides web services access to the Call Server.
- B. The TPS provides signaling exchange between an IP Phone and the Signaling Server.
- C. The TPS provides a direct media path between users in the CS domain and users in the SIP domain.
- D. The TPS provides the function of virtual trunk allocation without a physical presence in the hardware.

Correct Answers: B

7: A customer is migrating from a Meridian 1 Option 61C system to a Communication Server (CS) 1000M SG Rls. 5.0 system. They want to continue to use some of the Meridian 1 digital telephones for existing staff and add IP Phones for new employees. They are concerned that the digital telephones will have difficulty communicating with the IP Phones. Why is this not a problem?

- A. The IP Phone translates voice into data packets for transport using Internet Protocol.
- B. CS 1000M Rls. 5.0 routes the Media Path from the IP Phone to the Terminal Proxy Server that performs the transcoding of the VoIP packets to TDM.
- C. CS 1000M Rls. 5.0 routes the Media Path from the IP Phone to an available port on a Media Card that performs the transcoding of the VoIP packets to TDM.
- D. CS 1000M Rls. 5.0 routes the Media Path through the Terminal Proxy Server to an IP Trunk Card that performs the transcoding of the VoIP packets to TDM.

Correct Answers: C

8: A company is planning to install a Communication Server 1000E Rls. 5.0 system and wants Web access to perform moves, adds and changes on the telephones. Which service and which platform/Operating System (OS) is required?

- A. Terminal Proxy Service on a CP-PM or COTS server with the VxWorks OS
- B. Enterprise Common Manager running on a COTS server with the LINUX OS
- C. Enterprise Common Manager running on a COTS server with the VxWorks OS
- D. Network Routing Service (NRS) on an ISP 1100 Signaling Server with the VxWorks OS

Correct Answers: B

9: A company with a Communication Server (CS) 1000M Rls. 5.0 system has IP Peer Networking

configured between two offices in the same region. Each office is equipped with one Call Server, one Signaling Server, one Media Gateway 1000, 100 IP Phones, and 20 digital telephones. To complete a call from a digital telephone at site A to an IP Phone at site B, at which site will DSP resources be used?

- A.site A only
- B.site B only
- C.both site A and site B
- D.neither site, a Media Card is not required

Correct Answers: A

10: Which Media Gateway is equipped with onboard clock reference functionality?

- A.Media Gateway 1000B
- B.Media Gateway 1000E
- C.Media Gateway 1000E PRI Gateway
- D.Survivable Media Gateway

Correct Answers: C