

Exam : Nortel 922-109

**Title : Communications Server
1000 RIs. 6.0 BARS/NARS**

Version : Demo

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1. Click on the Exhibit button.

TABLE A	TABLE B	TABLE C	TABLE D
SPN 61	SPN 61	SPN 61	SPN 61
RLI 2	RLI 3	RLI 4	RLI 5
RLI 2	RLI 3	RLI 4	RLI 5
ENTR 0	ENTR 0	ENTR 0	ENTR 0
ROUT 3	ROUT 3	ROUT 4	ROUT 3
TOD 0 ON 1 ON 2 ON 3 ON 4 ON 5 ON 6 ON 7 ON	TOD 0 ON 1 ON 2 ON 3 ON 4 ON 5 ON 6 ON 7 ON	TOD 0 ON 1 ON 2 ON 3 ON 4 ON 5 ON 6 ON 7 ON	TOD 0 ON 1 ON 2 ON 3 ON 4 ON 5 ON 6 ON 7 ON
CNV NO	CNV NO	CNV NO	CNV NO
EXP NO	EXP NO	EXP NO	EXP NO
FRL 5	FRL 2	FRL 5	FRL 5
ENTR 1	ENTR 1		ENTR 1
ROUTE 1	ROUTE 1		ROUTE 1
TOD 0 ON 1 ON 2 ON 3 ON 4 ON 5 ON 6 ON 7 ON	TOD 0 ON 1 ON 2 ON 3 ON 4 ON 5 ON 6 ON 7 ON		TOD 0 ON 1 ON 2 ON 3 ON 4 ON 5 ON 6 ON 7 ON
CNV NO	CNV NO		CNV NO
EXP NO	EXP NO		EXP NO
FRL 6	FRL 6		FRL 4

A customer's dialing requirements, listed below, require that all station users assigned an NCOS of 3 and Class of Service of Conditionally Toll Denied (CTD) be able to place toll calls from the United States to Australia.

Australia Country Code: 61

NCOS of 3 has an FRL of 3

Expensive Routers are not being used

With reference to the exhibit, which table will allow all station users to be able to place these toll calls?

- A. Provisioning Table A
- B. Provisioning Table B
- C. Provisioning Table C
- D. Provisioning Table D

Answer: B

2. Time-Division Multiplexing (TDM) uses trunks as a single or multi-channel telephone transmission channel with wide bandwidth to establish connections between switching systems and distribution points, or between two different types of switching systems.

Which type of transmission do TDM connections, or circuits, transmit, receive, or combine transmissions/receives of?

- A. SIP and H.323 Transmissions Only
- B. Both Voice and Data Transmissions

- C. Data Only Transmissions
- D. Voice Only Transmissions

Answer: B

3. Which functionality do TIE trunks provide?

- A. connects a telephone companies' central office and the PBX of a customer
- B. connects two different PBXs, whether in the same building or further away
- C. allows an outside caller to dial a station on a PBX directly
- D. provide incoming or outgoing service only, and not a combination of incoming/outgoing connections

Answer: B

4. Integrated Services Digital Network (ISDN) uses international standards defined by ITU-T, an advisory committee under the ITU, to provide recommendations for global standards. It transmits voice, data and video communications as well as telephone signaling information, using internationally approved protocols to provide faster, economical and high QoS services.

What is ISDN divided into?

- A. Central Office Trunks (COT) and Direct Inward Dial (DID) Trunks
- B. Foreign Exchange (FX) and Wide Area Telephone Service (WATS) trunks
- C. Basic Rate Interface (BRI) and Primary Rate Interface (PRI)
- D. H.323 and SIP media paths

Answer: C

5. SIP connectivity, or SIP trunking, provides a direct media path (trunk interface) between domains.

Which type of servers do SIP Servers consist of?

- A. Proxy Server, Redirect Server and Registrar Server
- B. Converged Desktop Service (CDS), Multimedia Communication Server (MCS), and Office Communications Server (OCS)
- C. SIP User Agent, SIP Signaling Gateway, and SIP Trunk Gateway
- D. Microsoft LCS 2500, Microsoft OCS 2007, and IBM Lotus Notes

Answer: A

6. In an IP Peer Networking environment on the Communication Server (CS) 1000, what functionality does the Network Routing Service (NRS) provide?

- A. replaces the basic networking parameters defined in BARS/NARS
- B. provides transcoding functionality for IP to TDM and TDM to IP calls
- C. centralized management of a single network dialing plan for SIP, H.323 and mixed SIP/H.323 networks
- D. synchronizes system configuration and database between Call Server and the Signaling Server

Answer: C

7. The Communication Server (CS) 1000 VoIP network architecture uses a Gatekeeper.

Which function does the CS 1000 Gatekeeper provide?

- A. Receives call setup requests.
- B. Converts one media stream to another, such as voice packets to analog.
- C. Functions as a server and client to make requests on behalf of other clients.
- D. Performs address translation and admission control.

Answer: D

8. Click on the Exhibit button.

Managing: [172.16.100.2](#)

[Dialing and Numbering Plans](#) » [Electronic Switched Network \(ESN\)](#) » [Customer 00](#) » [Network Control & Services](#) » [ESN Access Codes and Basic Parameters](#)

ESN Access Codes and Basic Parameters

Input Description	Input Value																																										
Maximum number of Digit Manipulation tables (MXDM):	<input type="text" value="1000"/> (0 - 1000)																																										
Maximum number of Route Lists (MXRL):	<input type="text" value="1000"/> (0 - 1000)																																										
Time of Day Schedules (TODS): (Items separated by a space)	<input type="text" value="0 00 00 23 59"/>																																										
Routing Controls (RTCL):	<input type="checkbox"/>																																										
Check for Trunk Group Access Restrictions (TGAR):	<input type="checkbox"/>																																										
NCOS Map (NMAP): (Items separated by a space)	<table border="0"> <tr> <td>00-0</td><td>01-0</td><td>02-0</td><td>03-0</td><td>04-0</td><td>05-0</td><td>06-0</td> </tr> <tr> <td>07-0</td><td>08-0</td><td>09-0</td><td>10-0</td><td>11-0</td><td>12-0</td><td>13-0</td> </tr> <tr> <td>14-0</td><td>15-0</td><td>16-0</td><td>17-0</td><td>18-0</td><td>19-0</td><td>20-0</td> </tr> <tr> <td>21-0</td><td>22-0</td><td>23-0</td><td>24-0</td><td>25-0</td><td>26-0</td><td>27-0</td> </tr> <tr> <td>28-0</td><td>29-0</td><td>30-0</td><td>31-0</td><td>32-0</td><td>33-0</td><td>34-0</td> </tr> <tr> <td>35-0</td><td>36-0</td><td>37-0</td><td>38-0</td><td>39-0</td><td>40-0</td><td>41-0</td> </tr> </table>	00-0	01-0	02-0	03-0	04-0	05-0	06-0	07-0	08-0	09-0	10-0	11-0	12-0	13-0	14-0	15-0	16-0	17-0	18-0	19-0	20-0	21-0	22-0	23-0	24-0	25-0	26-0	27-0	28-0	29-0	30-0	31-0	32-0	33-0	34-0	35-0	36-0	37-0	38-0	39-0	40-0	41-0
00-0	01-0	02-0	03-0	04-0	05-0	06-0																																					
07-0	08-0	09-0	10-0	11-0	12-0	13-0																																					
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21-0	22-0	23-0	24-0	25-0	26-0	27-0																																					
28-0	29-0	30-0	31-0	32-0	33-0	34-0																																					
35-0	36-0	37-0	38-0	39-0	40-0	41-0																																					
Maximum number of Supplemental Digit restriction blocks (MXSD):	<input type="text" value="1500"/> (0 - 1500)																																										
Maximum number of Incoming Trunk Group exclusion tables (MXIX):	<input type="text" value="255"/> (0 - 255)																																										
Maximum number of Free Calling area screening tables (MXFC):	<input type="text" value="255"/> (0 - 255)																																										
Maximum number of Free Special number screening tables (MXFS):	<input type="text" value="255"/> (0 - 255)																																										
NARS/BARS Access Code 1 (AC1):	<input type="text" value="9"/>																																										
NARS/BARS Dial Tone after dialing AC1 or AC2 access codes (DLTN):	<input checked="" type="checkbox"/>																																										
Expensive Route Warning Tone (ERWT):	<input checked="" type="checkbox"/>																																										
- Expensive Route Delay Time (ERDT):	<input type="text" value="6"/> (0 - 10)																																										
Extended Time of Day schedule (ETOD):	<input type="text"/>																																										
Maximum number of LOC codes (NARS only) (MXLC):	<input type="text" value="16000"/> (0 - 16000)																																										
Maximum number of Special Common Carrier entries (MSCC):	<input type="text"/> (0 - 7)																																										
NARS Access Code 2 (AC2):	<input type="text" value="6"/>																																										
Coordinated Dialing Plan feature for this customer (CDP):	<input checked="" type="checkbox"/>																																										
- Maximum number of Steering Codes (MXSC):	<input type="text" value="32000"/> (1 - 32000)																																										
- Number of digits in CDP DN (DSC + DN or LSC + DN) (NCDP):	<input type="text" value="7"/> (3 - 10)																																										

Before any other tables can be provisioned, which settings must have been provisioned in the ESN Data Block?

- A. Maximum parameters, including Maximum number of Digit Manipulation Tables (MXDM), Maximum number of Route Lists (MXRL), Maximum number of Supplemental Digit restriction blocks (MXSD) and Maximum number of Steering Codes (MXSC)
- B. NARS/BARS Access Code 1 (AC1) and NARS/BARS Access Code 2 (AC2)
- C. NCOS Map (NMAP)
- D. Time of Day Schedules (TODS) and Routing Controls (RTCL)

Answer: A

- 9. Click on the Exhibit button.

RLI 2
ENTR 0
ROUT 3
TOD 0 OFF 1 ON 2 ON 3 ON 4 ON 5 ON 6 ON 7 ON
CNV NO
EXP NO
FRL 1
DMI 2
FCI 2
ENTR 1
ROUTE 1
TOD 0 ON 1 ON 2 ON 3 ON 4 ON 5 ON 6 ON 7 ON
CNV NO
EXP NO
FRL 3
DMI 0
FCI 0
ENTR 2
ROUT 0
TOD 0 ON 1 ON 2 ON 3 ON 4 ON 5 ON 6 ON 7 ON
CNV NO
EXP YES
FRL 3
DMI 0
FCI 0
ENTR 3
ROUT 0
TOD 0 ON 1 ON 2 ON 3 ON 4 ON 5 ON 6 ON 7 ON
CNV NO
EXP YES
FRL 5
DMI 0
FCI 0

Given the customer Route List Index shown in the exhibit, what is the first expensive route that a call placed on that RLI could take?

- A. Entry 0
- B. Entry 1
- C. Entry 2
- D. Entry 3

Answer: C

10. Click on the Exhibit button.

DMI 1
DEL 4
INST 0
DMI 2
DEL 4
INST
DMI 3
DEL 1
INST
DMI 4
DEL
INST 214

An employee at a company is placing a call to telephone number 214-774-3299. The employee, believing this is a toll call, dials 9-1-214-774-3299. However, this call is a local call.

Access Code 1 = 9

The Central Office utilizes a 7-digit dialing plan.

Give the DMI indexes programmed into this Communication Server 1000 shown in the exhibit, which DMI would be used to modify the dialed digits to outpulse the correct digits to the Central Office?

- A. DMI Table 1
- B. DMI Table 2
- C. DMI Table 3
- D. DMI Table 4

Answer: B

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