

Nortel PBX Option 11 E&M Trunk Card Configuration Example

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- Introduction**
- Prerequisites**
 - Requirements
 - Components Used
 - Conventions
- Configure**
 - Configurations
- Verify**
- Troubleshoot**
- Related Information**

Introduction

This document shows you how to configure the Nortel PBX Option 11 E&M Trunk Card. This configuration allows you to connect this card to a Cisco E&M voice port.

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

The information in this document is based on these software and hardware versions:

- Nortel PBX Software Release 23 or later
- Nortel PBX Option 11 Model

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

Conventions

For more information on document conventions, refer to the Cisco Technical Tips Conventions .

Configure

In this section, you are presented with the information you can use in order to configure the features described in this document.

The <RET> throughout the configuration indicates that you need to hit the return key after the respective command parameter.

Note: In order to find additional information on the commands used in this document, use the Command Lookup Tool (registered customers only) .

Configurations

This document uses this configuration.

- Nortel PBX

Nortel PBX
<pre>#ADDING E&M CARD: !--- Building route data block. Use double digits with !--- route data block. LD16(LOAD 16) REQ:NEW TYPE:RDB CUST:0 DMOD:<RET> ROUT:21 TKTP:TIE ESN:<RET> !--- All returns until ICOG prompt. ICOG:IAO !--- Incoming and outgoing. SRCH:<RET> TRMB:<RET> STEP:<RET> ACOD:71 TARG:0 !--- TGAR 0 and ENDCOST 0. BILN:<RET> !--- All returns until CNTL prompt. CNTL:YES TIMR:<RET> SST:<RET> NEDC:ETH !--- Near end disconnect is set for either. FEDC:ETH !--- Far end disconnect is set for either. CPDC:<RET> !--- All returns until ALRM. <SHIFT>**** LD21 !--- Load 21 to view RDB. REQ:PRT</pre>

```
TYPE:RDB
CUST:0
ROUT:21
<SHIFT>*****

!--- If you need to change from 2 wire to 4 wire cables
!--- or vice versa, also change in the PBX config.

LD14

!--- Load 14 to add new trunk.

REQ:NEW
TYPE:TIE
TN:9 0

!--- Analog starts at 0, digital starts at 1.

XTRK:XEM
CUST:0
NCOS:0
RTMB:21 1
MNDN:<RET>
TGAR:0
SIGL<RET>
EMPTY:TY1

!--- Depends on the cabling.

CPAD:<RET>
STRI:IMM
STR0:IMM
SUPN:<RET>
CLS:UNR DTN

!--- Class of service.

TKID:<RET>
<SHIFT>*****
VIEW TRUNK.
LD20(LOAD 20)
REQ: PRT
TYPE: TRK
TN: 9 0
RTMB:

!--- All returns until the end.

<SHIFT>*****

!--- After you finish all four trunks, you must enable
!--- the trunks.

LD32
STAT 9
DISC 9

!--- Disable card 9: the E&M card.

ENLC 9

!--- Enable card 9.

<SHIFT>*****

!--- To modify E&M type, operation (2 or 4 wires)
```

```
!--- and signaling.

LD14

!--- Load 14 to add new trunk.

REQ:CHG
TYPE:TIE
TN:9 0

!--- Analog starts at 0, digital starts at 1.

XTRK:XEM
CUST:0
NCOS:0
RTMB:21 1
MNDN:<RET>
TGAR:0
SIGL<EM4>

!--- EM4 For 4-wires, EAM For 2-wires.

EMTY:TY2

!--- E&M type 2 depends on cabling.

CPAD:<RET>
STRI:WNK
STRO:WNK
SUPN:<RET>
CLS:UNR DTN

!--- Class of service

TKID:<RET>
<SHIFT>*****
```

Verify

There is currently no verification procedure available for this configuration.

Troubleshoot

There is currently no specific troubleshooting information available for this configuration.

Related Information

- [Voice Technology Support](#)
- [Voice and Unified Communications Product Support](#)
- [Recommended Reading: Troubleshooting Cisco IP Telephony](#)
- [Technical Support – Cisco Systems](#)

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