Provisioning a digital test access pair

The following CI commands are used to configure the line loop test:

> ***Note:*** User must run LLTCFGCI to access these commands.

CLEARDTAP

Use the CLEARDTAP to unprovision a DTAP circuit on an AccessNode. The DS0 pair which was nailed up previously with the SETDTAP command will be disconnected.

> #### Input Syntax
> ```
> CLEARDTAP <CKT1|CKT2>
> ```

SETDTAP

Use the SETDTAP command to provision a DTAP circuit on an AccessNode. It is used to provision the STS/VT/DSO pair associated with a nailed up DTAP circuit. The DS0s entered must be consecutive within the same DS1. The default for the last parameter is REM. CO should only be specified on an AccessNode with no provisioned lines.

> #### Input syntax
> ```
> SETDTAP
> <CKT1|CKT2><STS><VT><DS0><DS0>[<CO|REM>]
> ```

SETIG303

Use the SETIG303 command to assign the test access path to an MVI or CSC interface group (IG). The IG number is the first parameter.

> #### Input Syntax
> ```
> SETIG303<1-5><TBP|TAP1|TAP2|DTAP<CKT1|
> CKT2>>
> ```

SETSYS08

Use the SETSYS08 command to assign the test access path to a TR08 system. The system number is the first parameter.

> #### Input Syntax
> ```
> SETSYS08<1-7><TBP|TAP1|TAP2|DTAP<CKT1|
> CKT2>>
> ```

> ***Note:*** If a DTAP circuit is specified using either SETIG303 or SETSYS08, then this circuit must have been previously provisioned using SETDTAP.

SHOWLLT

Use the SHOWLLT command to show the test access path assignments for each DTAP, GR303 IG, and TR08 system. There is an optional parameter to specify a subset of these assignments. The default is, Show All Assignments.

> #### Input Syntax
> ```
> SHOWLLT <ALL|DTAP|IG303|SYS08>
> ```

Replacing a digital test access pair

1   From the network element status screen, display the DTAP equipment screen:

> **eq dtap**↵

The DTAP equipment screen appears.

2   To prevent alarms from being raised when the circuit pack is removed, change the state of the DTAP to out-of-service (OOS):

> **chgstate oos**↵

The system prompts for confirmation for the state change.

3   Confirm the state change:

> **y**↵

The state changes to OOS.

4   Put on and connect the antistatic wrist strap to the electrostatic discharge (ESD) jack on the local craft access panel (LCAP).

5   Remove the access bandwidth manager (ABM) shelf cover.

6   Remove the DTAP from the shelf.

7   Wait at least 10 seconds before installing the replacement card. Insert a replacement DTAP into the shelf.

8   If the automatic-in-service feature is set to on, and the circuit pack state automatically changes to in-service (IS), skip to step 10.

9   From the DTAP equipment screen, change the state of the circuit pack to IS.

> **chgstate is**↵

The DTAP returns to service.

10   Restore the ABM shelf cover.

11   Remove the antistatic protection.

Technical support information

If you want	And you are in	Then call
24-hour emergency technical assistance	United States	(800) 275-3827
	Canada	(613) 226-5456
Non-emergency support	United States	(800) 275-8726
	Canada	your regional Field Service Engineering (FSE) group

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AccessNode
Installing or Replacing the Digital Test Access Pair
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Tools and materials

You must have the following items before beginning any procedure:

— DTAP with single circuit (NT4K57GA) or dual circuit (NT4K57GB)

— 1/4-in. flatblade screwdriver

— antistatic wrist strap

— portable computer with communication software or a VT-100 compatible terminal

— step ladder or stool

— light

⚠ **CAUTIONS**

Fire hazard
Do not store this guide (or any paper materials) in the AccessNode (AN) cabinet. AccessNode components generate heat while in operation. Discard card or store elsewhere for later use.

Possible equipment damage
You must wear an antistatic device such as a wrist strap to prevent damage to the circuit cards.

Installing a digital test access pair

1 Refer to the section, "Provisioning a digital test access pair," to provision the DTAP before or after its installation.

2 Put on and connect the antistatic wrist strap to the electrostatic discharge (ESD) jack on the local craft access panel (LCAP).

3 Remove the access bandwidth manager (ABM) shelf cover.

4 Insert the DTAP (NT4K57GA or NT4K57GB) into slot 21 of the ABM shelf.

5 Replace the ABM shelf cover.

6 Remove the antistatic protection.