



CHAPTER 19

Translation (Release 4.4)

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This chapter describes the Cisco BTS 10200 Softswitch Translation Verification command is a diagnostic command that simulates a call from the originator to a specific destination based on dialed digits. The command checks system translations and permits determining if routing will occur as expected without making a call. However, it may be necessary to use both a call trace query and a translation query to determine the routing of a call. If the results of a translate command indicate that a toll-free or local number portability (LNP) call is generated, execute a toll-free or LNP query command. Use the results of the toll-free or LNP query to generate another translation query. For more information regarding using the translation command in troubleshooting, see the *Cisco BTS 10200 Softswitch Troubleshooting Guide*.



Note

The translation verification command may also be referred to in documentation as the translation verification tool (TVT).



Note

In this chapter, an asterisk preceding a token name means the token is mandatory. A token without an asterisk is optional.

Command Types

Translate line, translate trunk

Examples

```
translate line calling-dn=2189722345; called-dn=8002550005
```



Caution

Translate line is not supported for Centrex groups.

```
translate trunk tgn-id= 1; called-dn=7034321234;
```

Usage Guidelines

Foreign key(s): tgn-id

Syntax Description

* CALLED-DN	Mandatory for line and trunk translation. The called DN. VARCHAR(32): 1–32 ASCII characters in the format: npa-nxx-xxxx.
CALLING-DN	Mandatory for line translation. The caller's directory number. VARCHAR(10): 10 digits in the format npaxxxxxxx.
TGN-ID	Mandatory for trunk translation. Foreign key: Trunk Group table. Trunk group ID. Use for SS7 and ISDN trunks. INTEGER: 1–99999999.
GAP	The generic address parameter. Used for trunk translation. INTEGER(10): 10 numeric digits.