CANC Commands and Messages

This chapter provides cancel (CANC) commands and autonomous messages for the Cisco NCS 2002 and Cisco NCS 2006.

6.1 CANC

The Cancel (CANC) message reports the occurrence of a session timeout event.

Usage Guidelines CANC is an autonomous message transmitted by the network element (NE) to a user when a session established by that user is terminated because no messages were exchanged for a long period of time and the session times out. There is a default timeout period based on the user's privilege/security level. Timeouts can be provisioned through Cisco Transport Controller (CTC). Timeouts can be provisioned with the SET-ATTR-SECUDFLT command. The default timeouts based on privilege/security level are:

- The Superuser (SUPER) has a timeout period of 15 minutes.
- The Provisioning user (PROV) has a timeout period of 30 minutes.
- The Maintenance (MAINT) user has the timeout period of 60 minutes.
- The Retrieve user (RTRV) has no timeout.

When a timeout occurs, the corresponding port drops the session and the next session initiation at that port requires the regular login procedure.

The CANC message is only used to indicate that a session has been terminated because of a timeout. If a session is terminated for a different reason (for example, forced logout or loss of communication), the REPT EVT SESSION message is used.

Category Security

Security Retrieve

Output Format
```
SID DATE TIME
A ATAG CANC
   "<UID>"
;
```

Output Example
```
TID-000 1998-06-20 14:30:00
A 100.100 CANC
   "CISCO15"
;
```

Output Parameters   <UID>   The user identifier (user ID) of the person whose session is terminated due to timeout. UID is a string.

6.2 CANC-USER

The Cancel User (CANC-USER) command logs a user out of an active session with the NE.

Usage Guidelines   For the CANC-USER command, the syntax of USERID is not checked. Invalid syntax for the user ID is permitted and the user ID must not exceed 10 characters.

Category   Security

Security   Retrieve

Input Format   CANC-USER:[<TID>]:<USERID>:<CTAG>;

Input Example   CANC-USER:PETALUMA:TERRI:101;

Input Parameters   <USERID>   Identifies the user to the system. USERID can be up to 10 alphanumeric characters. USERID is a string.

6.3 CANC-USER-SECU

The Cancel User Security (CANC-USER-SECU) command forces a user off of the NE.

Usage Guidelines   The UID specified can be a single user ID or a list of user IDs separated by "&". The keyword ALL is not permitted. The UID specified cannot be the user ID of the administrator issuing the command.

Note   This command will log out ALL sessions on the NE (TL1 and CTC) of a user whose user ID matches the UID specified in the command.

Category   Security

Security   Superuser

Input Format   CANC-USER-SECU:[<TID>]:<UID>:<CTAG>;

Input Example   CANC-USER-SECU:PETALUMA:CISCO10:100;

Input Parameters   <UID>   The user ID of the person who is being forced off the NE. UID can be a list of user IDs separated by "&". The keyword ALL cannot be used to specify all users on an NE. UID is a string.