



# CHAPTER 4

## CANC Commands and Messages

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This chapter provides cancel (CANC) commands and autonomous messages for the Cisco ONS 15310-MA SDH, Cisco ONS 15454 SDH, and Cisco ONS 15600 SDH.

### 4.1 CANC

(Cisco ONS 15310-MA SDH, Cisco ONS 15454 SDH, and Cisco ONS 15600 SDH) The Cancel (CANC) message reports the occurrence of a session timeout event.

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#### 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.

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**Category** Security

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**Security** Retrieve



**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**

<b>&lt;UID&gt;</b>	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.
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