

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

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CANC

(Cisco ONS 15454 SDH and ONS 15600 SDH) 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.
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CANC-USER

(Cisco ONS 15454 SDH and ONS 15600 SDH) The Cancel User (CANC-USER) command logs a user out of an active session with the NE.

Note: The USERID field of this command is a mandatory field.

Usage Guidelines

For the CANC-USER command:

CANC-USER:[TID]:[STRING]:CTAG

the syntax of the user ID (first [STRING]) is not checked. Invalid syntax for the user ID is permitted. 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.
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CANC-USER-SECU

(Cisco ONS 15454 SDH and ONS 15600 SDH) 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.
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