



# CHAPTER 4

## CANC Commands and Messages

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

### 4.1 CANC

(Cisco ONS 15454, ONS 15327, ONS 15310-CL, ONS 15310-MA, ONS 15600) The Cancel (CANC) message reports the occurrence of a session timeout event.

#### Usage Guidelines

CANC is an autonomous message transmitted by the NE to a user when a session established by that user is terminated because no messages were exchanged for a long period of time (a timeout). There is a default timeout period based on the user's privilege/security level. Starting with Release 4.0, timeouts can be provisioned through CTC. Starting with Software Release 4.6, timeouts can be provisioned through TL1 with the SET-ATTR-SECUDFLT command. The default timeouts based on privilege/security level are:

- A Superuser [SUPER] has a timeout period of 15 minutes.
- A Provisioning [PROV] user has a timeout period of 30 minutes.
- A Maintenance [MAINT] user has a timeout period of 60 minutes.
- A Retrieve [RTRV] user has no timeout period.

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, loss of communication), the REPT EVT SESSION message is used.

#### Category

Security

#### Security

Retrieve

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**Output Format**

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

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**Output Example**

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

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**Output Parameters**

<UID>	The user identifier (user ID) of the person logged in. Refers to the user ID of a user whose session is terminated due to timeout. UID is a string.
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## 4.2 CANC-USER

(Cisco ONS 15454, ONS 15327, ONS 15310-CL, ONS 15310-MA, ONS 15600) The Cancel User (CANC-USER) command logs a user out of an active session with the NE.



**Note**

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The USERID field of this command is a mandatory field.

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**Usage Guidelines**

For the CANC-USER command:

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

the syntax of the user ID ([STRING]) is not checked. Invalid syntax for the user ID is permitted and the user ID must not exceed 10 characters.

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**Category** Security

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**Security** Retrieve

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

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

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**Input Parameters**

<USERID>	Identifies the user to the system. user ID can be up to 10 alphanumeric characters. It is a string.
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## 4.3 CANC-USER-SECU

(Cisco ONS 15454, ONS 15327, ONS 15310-CL, ONS 15310-MA, ONS 15600) 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 Cisco Transport Controller [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 identifier (user ID) of the person logged in. UID can be a list of user IDs separated by “&”. The keyword ALL may not be used to specify all users on an NE. UID is a string.
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