



TL1 Errors

This chapter provides TL1 error information supported by the Cisco ONS 15454, 15327, 15600 and 15310-CL. For alarm information, Refer to the platform-specific Cisco ONS Procedure Guide, Cisco ONS Troubleshooting Guide and Cisco ONS Reference Manual.

6.1 Errors

Errors can be generated by any command or command response message. You can find errors listed by error code in [Table 6-1](#). The format of an error message is as follows:

```
SID DATE TIME
M CTAG DENY
<ERRCDE>
/* <ERRMSG> */
;
```

Table 6-1 TL1 Errors

Error Code	Error messages
ENEQ	Communication Failed
	IP Address Not Found
	Control Not Provisioned
	IP Mask Not Found
	Cost Not Found
	Next Hop Not Found
	Equipment Is Deleted
IBEX	No standby present
	Equipment Not Found
	No standby provisioned
	Equipment Not Present
ICNV	Not Equipped
	Equipment Not Provisioned
	Sensor IF Is Not Found
	Extra Datablock
ICNV	Extra parameters
	Equipment In Use
	Invalid Command
	PM Type Not Supported

Table 6-1 TL1 Errors (continued)

Error Code	Error messages
IDMS	Data Missing Loopback Type Missing Missing Internal Data
IDNC	Invalid Data Invalid PST Value Invalid SST Value
IDNV	AISONLPBK Not Supported AMPLMODE Not Supported CALOPWR Not Supported CALTILT Not Supported CHPOWER Not Supported Cannot Access DCC DCC is in use Description Too Long Edit Line Code Failed Interval Out Of Range Invalid Alarm Message Invalid Data Rate Invalid Data Rate Invalid Drop Path Invalid Equipment Type Invalid Interval Invalid Log Name Invalid MONLEV Value Invalid MONTYPE Value Invalid Mac Address Invalid Next Hop Invalid Notification Code Invalid PM Interval Invalid PPM Port Invalid Protid Invalid Reference Invalid Regen Group AID Invalid Report Interval Invalid Start Time Invalid TAP Number Invalid TXCOUNT Or RXCOUNT Invalid TXCOUNT Or RXCOUNT Invalid TXCOUNT Invalid Time Offset Invalid Trace Level Invalid User Name Invalid VCAT Group Name Keyword All Not Allowed Line Code Not Supported OSRI Not Supported PPM Does Not Exist Rate Capacity Exceeded SDCC is in use TMPER Type Not Supported Tap Out Of Range Trace Level Required VOA Not Supported VOA Out Of Range Value Or Threshold Read Only

Table 6-1 TL1 Errors (continued)

Error Code	Error messages
IDRG	Difference Value Range Error
	Invalid POLD Value
	Invalid DURAL Value
	Invalid TMOUT Value
	Invalid MXINV Value
	Invalid Threshold Value
	Invalid PAGE Value
IIAC	Invalid UOUT Value
	Invalid PCND Value
	Invalid Watermark Value
	Invalid PINT Value
	PJMON Out Of Range
	Invalid PJMON Value
IIAC	AID PARSE ERROR
	Invalid PJMON Value
	ALL AID Not Allowed
	Invalid Protect AID
	Bad Ring Id
	Invalid RTO AID
	DS1 Out of Range
	Invalid Reference
	FAC parse failed
	Invalid RingId
	Incorrect Card Type
	Invalid Source AID
	Input, Invalid Access
	Invalid TAPI
IIAC	Invalid AID
	Invalid TO= AID
	Invalid DRI Node Type
	Invalid TPORT AID
	Invalid DRI Topology
	Invalid Time
	Invalid DS1 AID
	Invalid VCG Member Number
	Invalid FROM= AID
	Invalid Year
	Invalid Month Or Day
	Invalid fac-n-m input
	Invalid Node Side
	Loopback type mismatch
IICM	Invalid NodeId
	Multiple AIDs Not Allowed
IICM	Input, Invalid Command
	Input, Invalid MOD1
	Input, Invalid MOD2
	Input, Invalid MOD2
	Input, Invalid VERB
IICT	Invalid Correlation Tag

Table 6-1 TL1 Errors (continued)

Error Code	Error messages
IIDT	CMDMDE Must Be FRCD Invalid Phase Number
	Duplicate Schedule Invalid Port In URL
	FRCD mode not supported Invalid Revertive Time
	FTTD URL Missing Invalid State Value
	File Name Missing In URL Invalid West work Port
	Flash Manager Not Active Memory Out Of Range
	Hostname Missing In URL Missing/Invalid Source
	IOS Config File Too Big Password Missing In URL
	Invalid Data Parameter Port Missing In URL
	Invalid East work Port SRC Required For RFR Type
	Invalid FTTD Host Unsupported Locn Value
	Invalid NSAP Character Username Missing In URL
	Invalid NSAP Length ftp:// Missing In FTP URL
IIFM	Invalid Data Format
	Invalid Password
	Invalid User ID
IISP	Input, Garbage
INUP	General Block Unsupported
IPEX	Duplicate N/V field
IPMS	Invalid syntax
IPNC	Description Too Long
	Invalid Encapsulation Type
	Invalid Flow Control Value
	Invalid Maximum Frame Size
	Invalid Parameter
	Invalid Trans Value
	Parameter Not Valid
	Parameters Not Compatible

Table 6-1 TL1 Errors (continued)

Error Code	Error messages
IPNV	Bad Parameter Invalid IP Mask
	Bad Reference Invalid MONLEV Value
	Empty parameter Invalid PM register
	INVALID SAMPLE TYPE Invalid Parameter
	Internal-Ip Lookup Failed Invalid Report Interval
	Invalid BITS Framing Invalid SNTP Host Address
	Invalid BITS-OUT Rate Invalid Start Time
	Invalid Clock Source Invalid Switch Type
	Invalid Condition Type Invalid Threshold Value
	Invalid DRITYPE Invalid why parameter
	Invalid IIOP Port number PM Not Supported
	Invalid IP Address Parameter Not Valid
NO	No error
PICC	AID Required
	Can't login
	Logout failed
	Password Recently Changed
	Unexpected Default Case
	Unknown User
	User Already Exists
	User Not Authorized
PIMA	User Password Required
	Memory Out Of Range
PIUC	Unauthorized
	User Is Not Superuser
	User Not Logged In
RALB	Requested DCC In Use
RRNG	Invalid Slot Number
RTBY	Connection In Service
	TAP Already In Use
	TAP Number In Use

Table 6-1 TL1 Errors (continued)

Error Code	Error messages
RTEN	Cannot Set Access Mode
	Invalid Access Mode
	Invalid TAP AID
	Invalid TAP Mode
	Invalid TAP Number
	Requested Tap Busy
	TAP Not Found
SAAL	Already Allowed
SADC	GNE: ENE is down
	TAP Not Connected
SAIN	Already Inhibited
SAIS	Port Already In Service
SAOP	Control Already Operated
	Control Already Released
SAOS	Port Already Out Of Service
SCAT	Connection is tapped
	Test Access Busy

Table 6-1 TL1 Errors (continued)

Error Code	Error messages
SDBE	AID Parser Failed
	Bad Parameter
	Cannot Access Alarms
	Cannot Access Conditions
	Cannot Access Controls
	Cannot Access Date/Time
	Cannot Access Equipment
	Cannot Access Facility
	Cannot Access Interface
	Cannot Access Node ID
	Cannot Access Node Name
	Cannot Access Object
	Cannot Access Orderwire
	Cannot Access SNTP Host
	Cannot Access Timezone
	Cannot Configure SYNC
	Cannot Set Date
	Cannot Set Node Name
	Cannot Set Timezone
	DLT prg Failed
	Equipment Not Found
	Facility Does Not Exist
	Facility Is Not Provisioned
	File Transfer In Progress
SDLD	Duplex Unit Locked
SDNA	Active TCC Not Ready
	Standby TCC Not Ready
SDNR	Data Not Ready
SNCN	Bad Quality
	Command Not Implemented
	Invalid Clock Source
SNPR	Cannot Get Role Of Port
	Get Port Role Failed

Table 6-1 TL1 Errors (continued)

Error Code	Error messages
SNVS	CCAT Cross Connect Exists
	Loopback Not In Progress
	Cannot END an AUTO roll
	No Switch In Progress
	Cross Connect Exists
	No loopback in progress
	Invalid AINS Soak Time
SOSE	Invalid Admin State
	Protection Unit Active
	Invalid Clock Source
	VCG Already Created
	Invalid Equipment State
	Working Unit Already Active
	Unrecognized Message Type
SPLD	Cannot Delete Equipment
	Equipment In Use
	FTP Task Is Busy
	Facility Is Busy
	Protection Unit Locked
SRAC	Invalid Connection Type
SROF	1WAYMON not supported
	Cannot Set Payload Type
	APC System Is Busy
	Cannot Set RingId
	All DCCs In Use
	Cannot Set Wave Length
	CKTID Does Not Match
	Cannot set loopback
	Cannot Access Alarm Log
	Command Not Supported
	Cannot Access DCC
	Connection In Loopback
	Cannot Access Facility
	Connection In Roll
	Cannot Access PM Mode
	Connection type error
	Cannot Access TAP
	Connection type error
	Cannot Add Equipment
	Could Not Delete Protection
	Cannot Add Equipment
	DCC Does Not Exist
	Cannot Configure SYNC
	DCC In Use DCC Not In Use
	Cannot Create TAP
	DWRAP Not Enabled
	Cannot Delete Last Drop
	Database Is Busy
	Cannot Delete VCAT Group
	Element Not Found
	Cannot Edit Ethernet IP
	Element not available
	Cannot Perform ACO
	Facility Not Protected
	Cannot Provision Equipment
	Fail to add RTO
	Cannot Set ALS Mode
	Flash Is Busy
	Cannot Set NodeId
	Get IOR Failed

Table 6-1 TL1 Errors (continued)

Error Code	Error messages
SROF (continued)	Internal Database Error
	Internal Exercise Failure
	Invalid AID
	Invalid BLSR DRI Drop
	Invalid Drop Path
	Invalid Path
	Invalid Protection Group
	Invalid RMODE
	Invalid SYNC entity
	Invalid Subnet Mask
	Invalid Username/Password
	Is Not 1+1 Element Type
	MIC Cards Cannot Be Reset
	Maximum User Limit Reached
	No Path To Regulate
	No Start-Up IOS Config
	Operation Not Supported
	Path Already In Use
	Path Specified Is Not Valid
	Path Used For Test Access
	Pool Does Not Exist
	Pool not available
	Port Type Mismatch
	Port Type Not Provisioned
	Protect Port Active
	Provisioning Rules Failed
	Requested Operation Failed
	Requested Tap Busy
	Ring Reversion Failed
SRQN	SDBER Out Of Range
	SDCC creation failed
	SFBER Out Of Range
	Set PRG Name Failed
SRTN	Software Activation Failed
	Software Download Failed
	Software Error
	Software Reversion Failed
SSRD	Span Reversion Failed
	TAP connected
	Tap Not Provisioned
	Test Access Active
SSRE	Trace Mode Not Supported
	Trap Table Full
	Unable to cancel roll
	Unknown Internal Error
SWLD	VCG Does Not Exist
	XC Card Not Present
SSRD	DCC not enabled
	Invalid Request
	SDH Not Allowed With DCC
	SDH Not Allowed
SSRD	TAP Not Found
	Switch Request Denied
SSRE	Memory Resources Exceeded
	Memory resource denial
SWLD	Working Unit Locked

6.2 Echo

In order to improve telnet functionality for automated systems, the echo function has been turned off since ONS 15454 Release 3.0. This change is transparent to users running standard UNIX-compliant telnet clients; however, PC users may need to change their client setup to enable “local echo.” This is normally accomplished by a pull-down menu or a preference attribute.

To test the local echo on your PC client, use the RTRV-HDR command. If you receive a response but no data, set local echo ON. Cisco recommends that you close any windows containing sensitive information after exiting a TL1 session.