Remote Node Login from Local Node via TL1 Commands

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2 10 105 142 206

This document describes the method to login reachable remote nodes from local node by TL1.

Remote Node Login from Local Node via TL1 Commands

In the quest to login a remote node from adjacent reachable node, if Cisco Transport Controller (CTC) does not work, you are left with the TL1 method.

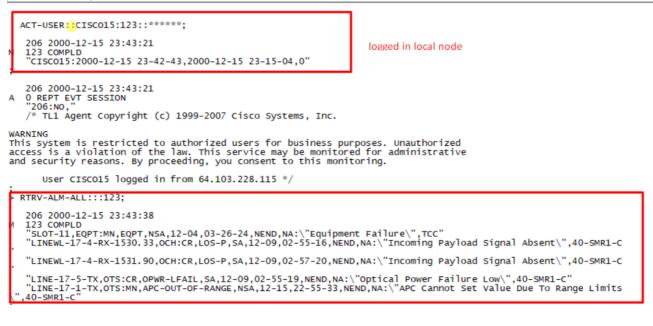
This method describes how to login remote node from local logged in node and the steps are:

Step 1. Login to the node and check if the remote node is reachable via any channel, for eg. (DCC/GCC/OSI) or accessible directly by ping.

10.105.142.206										
WARNING This system is restricted t access is a violation of th and security reasons. By pr	e law. This service	e may be mo	nitore	d for a	Unauth dminis	orized trativ	e			
ATTENTION!!! This shell is intended for this shell is not recommend Center. Inappropriate use Service Affecting impact on Documentation for appropria	ed OR supported by of shell Commands your network. Plo	the Techni can have a ease consul	cal As: Negati t the	sistanc ve AND	e					
To exit without logging in, To exit after logging in, t	enter Control-D at ype "logout" at th	t the login e prompt.	promp	t.						
Login: CISCO15										
Password:XXXXXX										
To discontinue logging in, After logging in, type 'ena	type control-d or w blec' to enable ab	wait 60 sec ort key (co	onds. ntrol-	c).						
-> enablec value = 3 = 0x3 -> acNodes	-land makes									
ind Val NodeName I		j Min N-A N				VirtWr	ProdNm Vi	irtWirePr	odEnum M	sgVer
0 Yes 206	10.105.142.206	3 0	2 8	1 x	XXX ON	S15454	1 400	local not	le	
1 Yes WXC-20/ 2 Yes 197	10.105.142.20/		5 6				$1 400 \\ 1 400$	remote	nodes	
-> acNodes	=== AlrmC Nodes		=====					-		
ind Val NodeName VirtWireProdEnum MsgVer	IP Addr	Cri Maj	Min N	-A N-R	Vwir	e Pro	dField	VirtWrP	rodNm	
0 Yes 206	10.105.14	2.206		0 2			 xxxx ON	S15454	1 400	
1 Yes WXC-207	10.105.14		0	1 5			XXXX ON			

Step 2. Login via TL1 in local node with the use of this syntax.

10.105.142.206 (1)



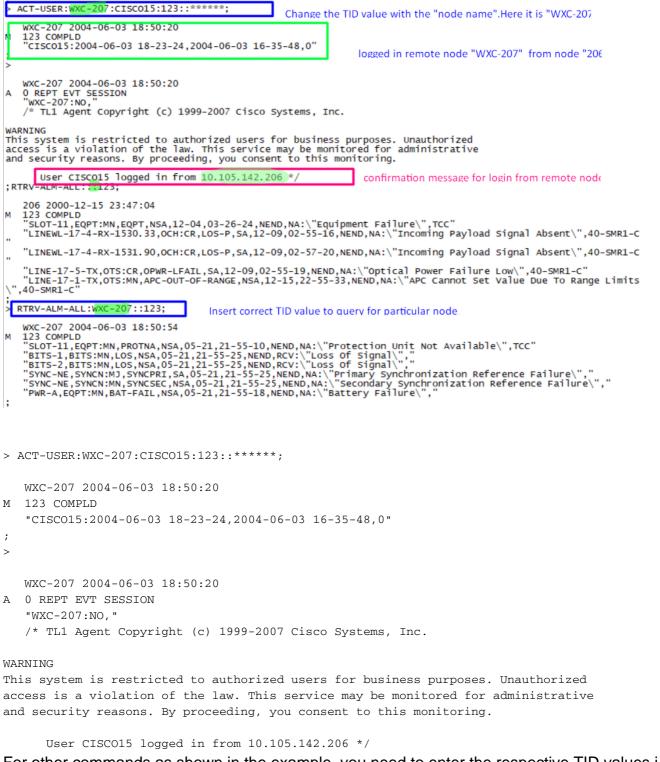
Syntax:

ACT-USER:[<TID>]:<uid>:<CTAG>::<pid>;

```
ACT-USER::CISCO15:123::*****;
   206 2000-12-15 23:43:21
М
  123 COMPLD
   "CISCO15:2000-12-15 23-42-43,2000-12-15 23-15-04,0"
   206 2000-12-15 23:43:21
  0 REPT EVT SESSION
Α
   "206:NO,"
   /* TL1 Agent Copyright (c) 1999-2007 Cisco Systems, Inc.
WARNING
This system is restricted to authorized users for business purposes. Unauthorized
access is a violation of the law. This service may be monitored for administrative
and security reasons. By proceeding, you consent to this monitoring.
      User CISCO15 logged in from 64.103.228.115 */
;
      User CISCO15 logged in from 10.105.142.206 */
;RTRV-ALM-ALL:::123;
   206 2000-12-15 23:47:04
M 123 COMPLD
   "SLOT-11, EQPT:MN, EQPT, NSA, 12-04, 03-26-24, NEND, NA:\"Equipment Failure\", TCC"
   "LINEWL-17-4-RX-1530.33, OCH:CR, LOS-P, SA, 12-09, 02-55-16, NEND, NA:\"Incoming Payload Signal
Absent\",40-SMR1-C"
   "LINEWL-17-4-RX-1531.90,OCH:CR,LOS-P,SA,12-09,02-57-20,NEND,NA:\"Incoming Payload Signal
Absent\",40-SMR1-C"
   "LINE-17-5-TX,OTS:CR,OPWR-LFAIL,SA,12-09,02-55-19,NEND,NA:\"Optical Power Failure Low\",40-
SMR1-C"
   "LINE-17-1-TX,OTS:MN,APC-OUT-OF-RANGE,NSA,12-15,22-55-33,NEND,NA:\"APC Cannot Set Value Due
```

To Range Limits\",40-SMR1-C"

Step 3. From the syntax, change the TID and to ACT-USER login for remote node which you want to login. For other commands too you need to use TID value i.e. remote node name.



For other commands as shown in the example, you need to enter the respective TID values i.e. node name as **WXC-207**:

> RTRV-ALM-ALL:WXC-207::123;

WXC-207 2004-06-03 18:50:54

M 123 COMPLD

"SLOT-11, EQPT:MN, PROTNA, NSA, 05-21, 21-55-10, NEND, NA:\"Protection Unit Not Available\", TCC" "BITS-1, BITS:MN, LOS, NSA, 05-21, 21-55-25, NEND, RCV:\"Loss Of Signal\","

"BITS-2,BITS:MN,LOS,NSA,05-21,21-55-25,NEND,RCV:\"Loss Of Signal\","

"SYNC-NE,SYNCN:MJ,SYNCPRI,SA,05-21,21-55-25,NEND,NA:\"Primary Synchronization Reference Failure\","

"SYNC-NE,SYNCN:MN,SYNCSEC,NSA,05-21,21-55-25,NEND,NA:\"Secondary Synchronization Reference Failure\","

"PWR-A,EQPT:MN,BAT-FAIL,NSA,05-21,21-55-18,NEND,NA:\"Battery Failure\","

Even if you are logged-in to the remote node, you can navigate in any other connected node and change TID for remotes and keep it as blank as TID for local nodes.