

# 通過TL1命令從本地節點登入遠端節點

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## 簡介

本文檔介紹通過TL1從本地節點登入可到達遠端節點的方法。

## 通過TL1命令從本地節點登入遠端節點

在請求從相鄰的可到達節點登入遠端節點時，如果Cisco Transport Controller(CTC)不起作用，則您只能使用TL1方法。

此方法描述如何從本地登入節點登入遠端節點，步驟如下：

步驟1.登入到節點，並檢查遠端節點是否可以通過任何通道訪問，例如，(DCC/GCC/OSI)或直接通過ping訪問。

```
10.105.142.206 |
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.

ATTENTION!!!
This shell is intended for QUALIFIED PERSONNEL ONLY. Customer Use of
this shell is not recommended OR supported by the Technical Assistance
Center. Inappropriate use of shell Commands can have a Negative AND
Service Affecting impact on your network. Please consult the User
Documentation for appropriate troubleshooting procedures.

To exit without logging in, enter Control-D at the login prompt.
To exit after logging in, type "logout" at the prompt.

Login: CISCO15
Password:XXXXXX

To discontinue logging in, type control-d or wait 60 seconds.
After logging in, type 'enablec' to enable abort key (control-c).

-> enablec
value = 3 = 0x3
-> acNodes
===== AlarmC Nodes =====
ind Val NodeName IP Addr Cri Maj Min N-A N-R Vwire ProdField VirtWrProdNm VirtwireProdEnum MsgVer
-----
0 Yes 206 10.105.142.206 3 0 2 8 1 xxxxx ONS15454 1 400 local node
1 Yes WXC-207 10.105.142.207 0 1 5 6 0 xxxxx ONS15454 1 400
2 Yes 197 10.105.142.197 3 2 10 10 5 xxxxx ONS15454 1 400 remote nodes

-> acNodes
===== AlarmC Nodes =====
ind Val NodeName IP Addr Cri Maj Min N-A N-R Vwire ProdField VirtWrProdNm
VirtWireProdEnum MsgVer
-----
0 Yes 206 10.105.142.206 3 0 2 8 1 xxxxx ONS15454 1 400
1 Yes WXC-207 10.105.142.207 0 1 5 6 0 xxxxx ONS15454 1 400
2 Yes 197 10.105.142.197 3 2 11 11 5 xxxxx ONS15454 1 400
```

步驟2.使用此語法通過本地節點中的TL1登入。

```
ACT-USER::CISCO15:123::*****;
```

```
206 2000-12-15 23:43:21
123 COMPLD
"CISCO15:2000-12-15 23-42-43,2000-12-15 23-15-04,0"
```

logged in local node

```
206 2000-12-15 23:43:21
A 0 REPT EVT SESSION
"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 */
```

```
;RTRV-ALM-ALL:::123;
```

```
206 2000-12-15 23:43:38
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"
```

語法：

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

```
ACT-USER::CISCO15:123::*****;
```

```
206 2000-12-15 23:43:21
M 123 COMPLD
"CISCO15:2000-12-15 23-42-43,2000-12-15 23-15-04,0"
;
```

```
206 2000-12-15 23:43:21
A 0 REPT EVT SESSION
"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"
```

步驟3.在語法中，更改要登入的遠端節點的TID和ACT-USER登入。對於其他命令，也需要使用TID值，即遠端節點名稱。

```
> ACT-USER:WXC-207:CISCO15:123:*****; Change the TID value with the "node name".Here it is "WXC-207
```

```
M WXC-207 2004-06-03 18:50:20  
123 COMPLD  
"CISCO15:2004-06-03 18-23-24,2004-06-03 16-35-48,0"  
logged in remote node "WXC-207" from node "206
```

```
>  
WXC-207 2004-06-03 18:50:20  
A 0 REPT EVT SESSION  
"WXC-207: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 10.105.142.206 */ confirmation message for login from remote node  
;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-SM1-C  
"LINEWL-17-4-RX-1531.90,OCH:CR,LOS-P,SA,12-09,02-57-20,NEND,NA:"Incoming Payload Signal Absent",40-SM1-C  
"LINE-17-5-TX,OTS:CR,OPWR-LFAIL,SA,12-09,02-55-19,NEND,NA:"Optical Power Failure Low",40-SM1-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-SM1-C"
```

```
> RTRV-ALM-ALL:WXC-207::123; Insert correct TID value to query for particular node
```

```
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","
```

```
> ACT-USER:WXC-207:CISCO15:123:*****;
```

```
WXC-207 2004-06-03 18:50:20  
M 123 COMPLD  
"CISCO15:2004-06-03 18-23-24,2004-06-03 16-35-48,0"
```

```
; >  
WXC-207 2004-06-03 18:50:20  
A 0 REPT EVT SESSION  
"WXC-207: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 10.105.142.206 */
```

對於如示例所示的其他命令，您需要輸入各自的TID值，即節點名稱作為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", "  
;
```

即使登入到遠端節點，您也可以在任何其他連線的節點中導航，更改遠端節點的TID，並將其保留為與本地節點的TID相同的空白。