

# Accesso remoto al nodo dal nodo locale tramite comandi TL1

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## Introduzione

Questo documento descrive il metodo per effettuare il login ai nodi remoti raggiungibili dal nodo locale tramite TL1.

## Accesso remoto al nodo dal nodo locale tramite comandi TL1

Nel tentativo di effettuare il login a un nodo remoto da un nodo raggiungibile adiacente, se Cisco Transport Controller (CTC) non funziona, rimane il metodo TL1.

Questo metodo descrive come eseguire il login al nodo remoto dal nodo locale connesso e i passi sono:

Passaggio 1. Accedere al nodo e verificare se il nodo remoto è raggiungibile tramite qualsiasi canale, ad esempio. (DCC/GCC/OSI) o accessibile direttamente tramite ping.

```
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
===== AlrmC 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 xxxx ONS15454 1 400 local node
1 Yes wxc-207 10.105.142.207 0 1 5 6 0 xxxx ONS15454 1 400 remote nodes
2 Yes 197 10.105.142.197 3 2 10 10 5 xxxx ONS15454 1 400
-----

-> acNodes
===== AlrmC 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	xxxx	ONS15454	1	400
1	Yes	WXC-207	10.105.142.207	0	1	5	6	0	xxxx	ONS15454	1	400
2	Yes	197	10.105.142.197	3	2	11	11	5	xxxx	ONS15454	1	400

## Passaggio 2. Accedere tramite TL1 nel nodo locale utilizzando questa sintassi.

10.105.142.206 (1)

```
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
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"
```

## Sintassi:

UTENTE ACT:[<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"

Passaggio 3. Dalla sintassi, modificare il TID e a ACT-USER login per il nodo remoto a cui si desidera accedere. Anche per altri comandi è necessario utilizzare il valore TID, ad esempio il nome del nodo remoto.

```
> ACT-USER:WXC-207:CISCO15:123::*****; Change the TID value with the "node name".Here it is "WXC-207"
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" 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-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"
;
> 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,SYNCR:MJ,SYNCPRI,SA,05-21,21-55-25,NEND,NA:\\"Primary Synchronization Reference Failure\",""
"SYNC-NE,SYNCR:MN,SYNCRSEC,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 \*/

Per altri comandi, come mostrato nell'esempio, è necessario immettere i rispettivi valori TID, ad esempio il nome del nodo come **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,SYCN:MJ,SYNCPRI,SA,05-21,21-55-25,NEND,NA:\\"Primary Synchronization Reference
Failure\\", "
"SYNC-NE,SYCN: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\\", "
;
```

Anche se è stato eseguito l'accesso al nodo remoto, è possibile spostarsi in qualsiasi altro nodo connesso e modificare TID per i remoti e mantenerlo vuoto come TID per i nodi locali.