

Connexion au noeud distant à partir du noeud local via les commandes TL1

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Introduction

Ce document décrit la méthode de connexion des noeuds distants accessibles à partir du noeud local par TL1.

Connexion au noeud distant à partir du noeud local via les commandes TL1

Dans la quête de connexion d'un noeud distant à partir d'un noeud accessible adjacent, si Cisco Transport Controller (CTC) ne fonctionne pas, vous restez avec la méthode TL1.

Cette méthode décrit comment se connecter au noeud distant à partir du noeud local connecté et les étapes sont les suivantes :

Étape 1. Connectez-vous au noeud et vérifiez si le noeud distant est accessible via n'importe quel canal, par exemple. (DCC/GCC/OSI) ou directement accessible par 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-20/ 10.105.142.20/ 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
```

```
-----
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
```

Étape 2. Connectez-vous via TL1 dans le noeud local à l'aide de cette syntaxe.

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"
```

Syntaxe:

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"

Étape 3. À partir de la syntaxe, modifiez le TID et la connexion ACT-USER pour le noeud distant que vous voulez connecter. Pour d'autres commandes également, vous devez utiliser la valeur TID, c'est-à-dire le nom du noeud distant.

```
> 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 */
```

Pour les autres commandes comme indiqué dans l'exemple, vous devez entrer les valeurs TID respectives, c'est-à-dire le nom de noeud **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\","

;

Même si vous êtes connecté au noeud distant, vous pouvez naviguer dans n'importe quel autre noeud connecté et modifier le TID pour les distants et le garder aussi vide que le TID pour les noeuds locaux.