

Aanmelden Remote Node via lokaal knooppunt via TL1-opdrachten

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Inleiding

Dit document beschrijft de methode om via TL1 bereikbare externe knooppunten van het lokale knooppunt in te loggen.

Aanmelden Remote Node via lokaal knooppunt via TL1-opdrachten

In de zoektocht naar inloggen van een op afstand gelegen knooppunt, als Cisco Transport Controller (CTC) niet werkt, bent u met de TL1-methode achtergebleven.

Met deze methode wordt beschreven hoe u het externe knooppunt van het lokale inlogknooppunt kunt inloggen en de stappen zijn:

Stap 1. Meld u aan bij het knooppunt en controleer bijvoorbeeld of het externe knooppunt bereikbaar is via een willekeurig kanaal. (DCC/GCC/OSI) of direct toegankelijk door pingelen.

```
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 VirtwireProEnum 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
```

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
```

Stap 2. Meld u aan via TL1 in het lokale knooppunt met deze syntaxis.

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"
```

Syntaxis:

ACT-GEbruiker:[<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 */

```
;RTRV-ALM-ALL:::123;  
User CISCO15 logged in from 10.105.142.206 */
```

```
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. Verander vanuit de syntaxis de TID en de inlognaam ACT-USER voor het externe knooppunt dat u wilt inloggen. Ook voor andere opdrachten moet u de TID-waarde gebruiken, d.w.z. de naam van het externe knooppunt.

```
> 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 */
```

Voor andere opdrachten zoals in het voorbeeld, moet u de respectievelijke TID-waarden invoeren, d.w.z. de naam van het knooppunt als **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\","

;

Zelfs als u bent aangemeld bij het externe knooppunt, kunt u in een ander aangesloten knooppunt navigeren en TID wijzigen voor verwijderen en dit als leeg opslaan als TID voor lokale knooppunten.