

Remote Node-Anmeldung vom lokalen Knoten über TL1-Befehle

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Einführung

In diesem Dokument wird die Methode beschrieben, mit der über TL1 erreichbare Remote-Knoten vom lokalen Knoten aus angemeldet werden können.

Remote Node-Anmeldung vom lokalen Knoten über TL1-Befehle

Bei der Suche nach der Anmeldung bei einem Remotecnoten von einem benachbarten erreichbaren Knoten bleibt die TL1-Methode erhalten, wenn der Cisco Transport Controller (CTC) nicht funktioniert.

Diese Methode beschreibt, wie Sie den Remote-Knoten vom lokalen angemeldeten Knoten aus anmelden und wie folgt vorgehen:

Schritt 1: Melden Sie sich beim Knoten an, und prüfen Sie, ob der Remote-Knoten über einen beliebigen Kanal erreichbar ist, z. B. (DCC/GCC/OSI) oder direkt über Ping erreichbar sind.

```
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
2 Yes 197 10.105.142.197 3 2 10 10 5 xxxx ONS15454 1 400 remote nodes

-> 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

```

Schritt 2: Melden Sie sich mithilfe dieser Syntax über TL1 im lokalen Knoten an.

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"

```

Syntax:

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"
```

Schritt 3: Ändern Sie von der Syntax aus die TID und die ACT-USER-Anmeldung für den Remote-Knoten, bei dem Sie sich anmelden möchten. Auch für andere Befehle müssen Sie den TID-Wert verwenden, d. h. den Namen des Remoteknoten.

```
> 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"
;
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,SYNCRN:MJ,SYNCPRI,SA,05-21,21-55-25,NEND,NA:\\"Primary Synchronization Reference Failure\",""
"SYNC-NE,SYNCRN:MN,SYNCRN:SA,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 */
```

Für andere Befehle, wie im Beispiel gezeigt, müssen Sie die entsprechenden TID-Werte eingeben, d. h. den Knotennamen 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\","

;

Selbst wenn Sie am Remote-Knoten angemeldet sind, können Sie in einem anderen verbundenen Knoten navigieren und die TID für Remote-Knoten ändern. Diese Einstellung bleibt für lokale Knoten leer wie die TID.