

通过TL1命令从本地节点登录远程节点

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简介

本文档介绍通过TL1从本地节点登录可到达远程节点的方法。

通过TL1命令从本地节点登录远程节点

在尝试从相邻可到达节点登录远程节点时，如果思科传输控制器(CTC)不工作，则保留TL1方法。

此方法描述如何从本地节点登录远程节点，步骤如下：

步骤1.登录到节点并检查远程节点是否可通过任何通道到达，例如。(DCC/GCC/OSI)或通过ping直接访问。

```
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
```

步骤2.使用此语法通过TL1登录本地节点。

```
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"
```

语法:

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"
```

步骤3.根据语法，更改要登录的远程节点的TID和ACT-USER登录。对于其他命令，您也需要使用TID值，即远程节点名称。

```
> 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.
```

```
; RTRV-ALM-ALL:WXC-207::123; User CISCO15 logged in from 10.105.142.206 */ confirmation message for login from remote node
```

```
M 206 2000-12-15 23:47:04  
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
```

```
M WXC-207 2004-06-03 18:50:54  
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 */
```

对于示例中所示的其他命令，您需要输入相应的TID值，即节点名称WXC-207:

```
> RTRV-ALM-ALL:WXC-207::123;
```

```
M WXC-207 2004-06-03 18:50:54  
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\",""
```

即使您登录到远程节点，也可以在任何其他连接的节点中导航，更改远程节点的TID，并将其保留为空白，作为本地节点的TID。