

TL1コマンドによるローカルノードからのリモートノードログイン

内容

概要

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概要

このドキュメントでは、TL1によってローカルノードから到達可能なリモートノードにログインする方法について説明します。

TL1コマンドによるローカルノードからのリモートノードログイン

隣接する到達可能なノードからリモートノードにログインするためのクエストで、Cisco Transport Controller(CTC)が機能しない場合は、TL1方式を使用します。

この方法では、ローカルログインノードからリモートノードにログインする方法を説明します。手順は次のとおりです。

ステップ1: ノードにログインし、リモートノードに任意のチャネル経由で到達できるかどうかを確認します。たとえば、(DCC/GCC/OSI)またはpingで直接アクセス可能。

```
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
```

ステップ2：この構文を使用して、ローカルノードのTL1経由でログインします。

10.105.142.206 (1)

```
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;
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"
```

logged in local node

構文：

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
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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"

ステップ3：構文から、ログインするリモートノードのTIDおよびACT-USERログインを変更します。他のコマンドの場合は、TID値（リモートノード名）を使用する必要があります。

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

例に示されているその他のコマンドの場合は、それぞれのTID値(ノード名はWXC-207)を入力する必要があります。

```
> 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\","

;

リモートノードにログインしている場合でも、接続されている他のノードをナビゲートして、リモートのTIDを変更し、ローカルノードのTIDとして空白にしておくことができます。