

Inicio de sesión de nodo remoto desde el nodo local a través de los comandos TL1

Contenido

[Introducción](#)

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Introducción

Este documento describe el método para iniciar sesión en nodos remotos accesibles desde el nodo local mediante TL1.

Inicio de sesión de nodo remoto desde el nodo local a través de los comandos TL1

En la búsqueda para iniciar sesión en un nodo remoto desde un nodo alcanzable adyacente, si Cisco Transport Controller (CTC) no funciona, se quedará con el método TL1.

Este método describe cómo iniciar sesión en el nodo remoto desde el nodo local conectado y los pasos son:

Paso 1. Inicie sesión en el nodo y verifique si el nodo remoto es accesible a través de cualquier canal, por ejemplo. (DCC/GCC/OSI) o accesible directamente mediante 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  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
    
```

Paso 2. Inicie sesión a través de TL1 en el nodo local con el uso de esta sintaxis.

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"

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"
    
```

logged in local node

Sintaxis:

ACT-USUARIO:[<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"

Paso 3. Desde la sintaxis, cambie el TID y a ACT-USER login para el nodo remoto al que desea iniciar sesión. Para otros comandos también debe utilizar el valor TID, es decir, el nombre del nodo remoto.

```
> 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
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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 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 */
```

Para otros comandos, como se muestra en el ejemplo, debe ingresar los valores TID respectivos, es decir, el nombre de nodo como **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\","

;

Incluso si ha iniciado sesión en el nodo remoto, puede navegar en cualquier otro nodo conectado y cambiar el TID para remotos y mantenerlo en blanco como TID para los nodos locales.