



## U Show Commands

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# show udd

**show udd** [*ifl*] [**\_\_readonly\_\_** **TABLE\_interface** *interface* *mib-port-status* *mib-oper-status* *mib-aggressive-mode* *admin-port-mode* *operational-port-mode* *current-bidirectional-state* *current-operational-state* *message-interval* *timeout-interval* *no-multiple-neighbor-detected* **TABLE\_entry** *entry-number* *expiration-time* *device-id* *neighbor-state* *device-name* *port-id* *neighbor-echo-device-number* *neighbor-echo-device-name* *neighbor-echo-port-number* *neighbor-echo-port-id* *neighbor-message-interval* *neighbor-timeout-interval* *cdp-device-name* *pkt-xmt-rec-time* *pc-index*]

## Syntax Description

|                        |  |
|------------------------|--|
| <b>show</b>            | Show running system information  |
| <b>udd</b>             | UDLD status and configuration on one or all interfaces   |
| <i>ifl</i>             | Type: interface<br>Enter an interface name if only one single interface status is desired  |
| <b>__readonly__</b>    |  |
| <b>TABLE_interface</b> |  |
| <i>interface</i>       | Type: interface<br>Interface ID  |
| <i>mib-port-status</i> | Port MIB enable status<br><b>enabled value: 1</b><br>udd is enabled on this port<br><b>disabled value: 2</b><br>udd is disabled on this port   |
| <i>mib-oper-status</i> | Port MIB Operational status<br><b>shutdown value: 1</b><br>this port status is shutdown<br><b>indeterminant value: 2</b><br>this port status is indeterminant<br><b>bidirectional value: 3</b><br>this port status is bidirectional<br><b>notapplicable value: 4</b><br>this port status is not applicable |

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|                              |  |
|------------------------------|--|
| <i>mib-aggressive-mode</i>   | Port MIB aggressive mode<br><b>enabled value: 1</b><br>Aggressive mode is enabled on this port<br><b>disabled value: 2</b><br>Aggressive mode is disabled on this port   |
| <i>admin-port-mode</i>       | Port enable administration configuration setting<br><b>unknown value: 0</b><br>udld status unknown<br><b>enabled value: 1</b><br>udld is enabled on this port<br><b>disabled value: 2</b><br>udld is disabled on this port<br><b>enabled-aggressive value: 3</b><br>udld is enabled with aggressive mode this port<br><b>device-default value: 4</b><br>udld follows device default on this port |
| <i>operational-port-mode</i> | Port enable operational state<br><b>enabled value: 1</b><br>udld is enabled on this port<br><b>disabled value: 2</b><br>udld is disabled on this port<br><b>enabled-aggressive value: 3</b><br>udld is enabled w/ aggressive mode on this port   |

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|                                    |                                       |
|------------------------------------|---------------------------------------|
| <i>current-bidirectional-state</i> | Current bidirectional state           |
|                                    | <b>unknown value: 0</b>               |
|                                    | Neighbor status unknown               |
|                                    | <b>unidirectional value: 1</b>        |
|                                    | Neighbor status is unidirectional     |
|                                    | <b>bidirectional value: 2</b>         |
|                                    | Neighbor status is bidirectional      |
|                                    | <b>txrxloop value: 3</b>              |
|                                    | Neighbor status is in tx-rx loop      |
|                                    | <b>mismatch value: 4</b>              |
|                                    | Mismatch with neighbor state reported |
|                                    | <b>echoempty value: 5</b>             |
|                                    | Neighbors echo is empty               |

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|                                  |                                       |
|----------------------------------|---------------------------------------|
| <i>current-operational-state</i> | Current operational state             |
|                                  | <b>link-up value: 0</b>               |
|                                  | Neighbor status is unidirectional     |
|                                  | <b>link-down value: 1</b>             |
|                                  | Neighbor status is bidirectional      |
|                                  | <b>detection value: 2</b>             |
|                                  | Neighbor status is in tx-rx loop      |
|                                  | <b>advertisement value: 3</b>         |
|                                  | Mismatch with neighbor state reported |
|                                  | <b>disable-port value: 4</b>          |
|                                  | Neighbors echo is empty               |
|                                  | <b>disable-link-up value: 5</b>       |
|                                  | Neighbor status unknown               |
|                                  | <b>disable-link-down value: 6</b>     |
|                                  | Neighbor status unknown               |
|                                  | <b>udd-init value: 7</b>              |
|                                  | Neighbor status unknown               |
|                                  | <b>extended-detection value: 8</b>    |
|                                  | Neighbor status unknown               |

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|                                      |   |
|--------------------------------------|---|
| <i>message-interval</i>              | Type: integer<br>UDLD probe message interval  |
| <i>timeout-interval</i>              | Type: integer<br>UDLD detection timeout interval  |
| <i>no-multiple-neighbor-detected</i> | Type: string<br>No multiple neighbor detected   |
| <b>TABLE_entry</b>                   | Neighbor entry info   |
| <i>entry-number</i>                  | Type: integer<br>Neighbor entry number  |
| <i>expiration-time</i>               | Type: integer<br>Expiration time  |
| <i>device-id</i>                     | Type: integer<br>Device ID  |
| <i>neighbor-state</i>                | Current neighbor state<br><b>unknown value: 0</b><br>Neighbor status unknown<br><b>unidirectional value: 1</b><br>Neighbor status is unidirectional<br><b>bidirectional value: 2</b><br>Neighbor status is bidirectional<br><b>tx-rx-loop value: 3</b><br>Neighbor status is in tx-rx loop<br><b>neighbor-mismatch value: 4</b><br>Mismatch with neighbor state reported<br><b>empty-echo value: 5</b><br>Neighbors echo is empty |
| <i>device-name</i>                   | Type: string<br>Device name   |
| <i>port-id</i>                       | Type: string<br>Port ID   |

|                                    |  |
|------------------------------------|--|
| <i>neighbor-echo-device-number</i> | Type: integer<br>Echo device number              |
| <i>neighbor-echo-device-name</i>   | Type: string<br>Echo device name                 |
| <i>neighbor-echo-port-number</i>   | Type: integer<br>Echo port number                |
| <i>neighbor-echo-port-id</i>       | Type: string<br>Echo port ID                     |
| <i>neighbor-message-interval</i>   | Type: integer<br>UDLD probe message interval     |
| <i>neighbor-timeout-interval</i>   | Type: integer<br>UDLD detection timeout interval |
| <i>cdp-device-name</i>             | Type: string<br>CDP Device name                  |
| <i>pkt-xmt-rec-time</i>            | Type: string<br>Last UDLD packet send/recv time  |
| <i>pc-index</i>                    | Type: string<br>Port channel index               |

**Command Modes**

- /exec

# show udd global

show udd global [\_\_readonly\_\_ *udd-global-mode message-interval*]

## Syntax Description

|                         |   |
|-------------------------|---|
| <b>show</b>             | Show running system information   |
| <b>udd</b>              | UDLD protocol   |
| <b>global</b>           | UDLD global status and configuration on all interfaces  |
| <u>__readonly__</u>     |   |
| <i>udd-global-mode</i>  | UDLD global configuration setting<br><br><b>enabled value: 1</b><br>udd is globally enabled<br><b>disabled value: 2</b><br>udd is globally disabled<br><b>enabled-aggressive value: 3</b><br>udd is globally enabled with aggressive mode |
| <i>message-interval</i> | Type: integer<br>UDLD probe message interval  |

## Command Modes

- /exec

# show udd neighbors

`show udd neighbors` [`__readonly__` `TABLE_entry` `local-port-id` `neighbor-echo-device-name` `device-id` `neighbor-echo-port-id` `neighbor-state`]

## Syntax Description

|                                  |   |
|----------------------------------|---|
| <b>show</b>                      | Show running system information   |
| <b>udd</b>                       | UDLD protocol   |
| <b>neighbors</b>                 | UDLD neighbor interfaces  |
| <b>__readonly__</b>              |   |
| <b>TABLE_entry</b>               |   |
| <i>local-port-id</i>             | Type: interface<br>Local port ID  |
| <i>neighbor-echo-device-name</i> | Type: string<br>Echo device name  |
| <i>device-id</i>                 | Type: integer<br>Device ID  |
| <i>neighbor-echo-port-id</i>     | Type: string<br>Echo port ID  |
| <i>neighbor-state</i>            | Current neighbor state<br><br><b>unknown value: 0</b><br>Neighbor status unknown<br><b>unidirectional value: 1</b><br>Neighbor status is unidirectional<br><b>bidirectional value: 2</b><br>Neighbor status is bidirectional<br><b>tx-rx-loop value: 3</b><br>Neighbor status is in tx-rx loop<br><b>neighbor-mismatch value: 4</b><br>Mismatch with neighbor state reported<br><b>empty-echo value: 5</b><br>Neighbors echo is empty |



**Command Modes**

- /exec

# show ulib process

**show ulib process** [**\_\_readonly\_\_** **TABLE\_ulib** *ufdm-state urib-state u6rib-state feature-name feature-state time-left total-bytes*]

## Syntax Description

|                      |                                       |
|----------------------|---------------------------------------|
| <b>show</b>          | Show running system information       |
| <b>ulib</b>          | Display ULIB status and configuration |
| <b>process</b>       | ULIB Process information              |
| <b>__readonly__</b>  |                                       |
| <b>TABLE_ulib</b>    |                                       |
| <i>ufdm-state</i>    | Type: string                          |
| <i>urib-state</i>    | Type: string<br>State of URIB         |
| <i>u6rib-state</i>   | Type: string<br>State of U6RIB        |
| <i>feature-name</i>  | Type: string<br>Feature's name        |
| <i>feature-state</i> | Type: string<br>Feature's state       |
| <i>time-left</i>     | Type: string<br>Time left             |
| <i>total-bytes</i>   | Type: uinteger<br>Total Bytes         |

## Command Modes

- /exec

# show user-account

```
show user-account [ s0 ] [ __readonly__ TABLE_template usr_name expire_date TABLE_role role
[ remote_login ] [ sshkey_info ] TABLE_keys ssh_keys]
```

## Syntax Description

|                       |   |
|-----------------------|---|
| <b>show</b>           | Show running system information   |
| <b>TABLE_template</b> |   |
| <b>TABLE_role</b>     |   |
| <b>TABLE_keys</b>     |   |
| <b>__readonly__</b>   |   |
| <i>usr_name</i>       | Type: string<br>Name of the user  |
| <i>expire_date</i>    | Type: string<br>Expiry date for this user account(in YYYY-MM-DD format) |
| <i>role</i>           | Type: string<br>role/s which the user is to be assigned to              |
| <i>remote_login</i>   | Type: string<br>Remote account information for a remote user            |
| <i>sshkey_info</i>    | Type: string<br>SSH key information of user                             |
| <i>ssh_keys</i>       | Type: string<br>SSH key pairs of the user                               |
| <b>user-account</b>   | Show user information   |
| <i>s0</i>             | Type: string<br>length: 28<br>User name                                 |

## Command Modes

- /exec

# show username keypair

show username *s0* keypair [**\_\_readonly\_\_** **TABLE\_sessions** *t\_type* *t\_time* *t\_keys* *t\_bitcount* *t\_fingerprint*]

## Syntax Description

|                       |   |
|-----------------------|---|
| <b>show</b>           | Show running system information         |
| <b>username</b>       | Show user information.                  |
| <b>keypair</b>        | Show SSH keypairs                       |
| <i>s0</i>             | Type: string<br>length: 28<br>user name |
| <b>__readonly__</b>   |   |
| <b>TABLE_sessions</b> | username keypair                        |
| <i>t_type</i>         | Type: string<br>keys type               |
| <i>t_time</i>         | Type: string<br>timestamp               |
| <i>t_keys</i>         | Type: string<br>ssh key                 |
| <i>t_bitcount</i>     | Type: string<br>bitcount                |
| <i>t_fingerprint</i>  | Type: string<br>fingerprint             |

## Command Modes

- /exec

# show users

show users [*\_\_readonly\_\_* *TABLE\_sessions* *u\_name* *t\_terminal* *t\_time* *t\_idle* *p\_pid* *c\_comment*]

## Syntax Description

|                              |   |
|------------------------------|---|
| <b>show</b>                  | Show running system information             |
| <b>users</b>                 | Show the current users logged in the system |
| <b><i>__readonly__</i></b>   |   |
| <b><i>TABLE_sessions</i></b> | users table                                 |
| <i>u_name</i>                | Type: string<br>user name                   |
| <i>t_terminal</i>            | Type: string<br>terminal                    |
| <i>t_time</i>                | Type: string<br>time                        |
| <i>t_idle</i>                | Type: string<br>idle                        |
| <i>p_pid</i>                 | Type: integer<br>pid                        |
| <i>c_comment</i>             | Type: string<br>comment                     |

## Command Modes

- /exec

