

. Link-flapping UDLD

(UDLD), link-flapping.

UDLD- (L2), , , , (Rx TX) , , . UDLD .

:

show running-config udld

```
udld global-mode normal <<<<< . UDLD port-admin-mode
udld interface tengigabitethernet 0/0/2
  action err-disable <<<<<
  port-admin-mode aggressive
  port-message-interval 10
exit
udld interface tengigabitethernet 0/0/3
  action err-disable
  port-message-interval 10
exit
udld interface tengigabitethernet 0/0/4
  action err-disable
  port-admin-mode aggressive
  port-message-interval 10
exit
udld interface tengigabitethernet 0/0/5
  action err-disable
  port-message-interval 10
exit
udld interface tengigabitethernet 0/0/6
  action err-disable
  port-message-interval 3
```

: show udld ports status

0/FMC0:E0S# show udld ports status

Link service status: normal

Interface	UDLD Mode	Msg T (sec)	UDLD status	Link status	Nbrs cnt	
te 0/0/1	disabled	10	idle	up	0	- ,
te 0/0/2	aggressive	10	bidirectional	up	1	- , ,
te 0/0/3	normal	10	idle	down	0	- ,
te 0/0/4	aggressive	10	shutdown	down	0	- ,
te 0/0/5	normal	10	undetermined	up	0	- , ,
UDLD						
te 0/0/6	normal	3	Up	detection	0	- , ,

: show udld ports status

0/FMC0:E0S# show udld neighbors

Thu Mar 28 03:07:57 2024

Interface	Device ID	Nbr. Port	MAC Address	Device Name	SM State	Msg
T Exp T						
(sec)	(sec)					
-----	-----	-----	-----	-----	-----	-----
te0/0/1	ME10000028	te0/0/24	e0:d9:e3:ff:47:18	R4	bidirectional	
15	14					

UDLD:

Idle - .
Shutdown - .
Detection - . 8 UDLD 1 (.. 8). 8 , : UNDETERMINED BIDIRECTIONAL, .
Undetermined - - . , UDLD .
Bidirectional - , .

Normal - "" , UNDEFINED. UDLD-.
Aggressive - "" , , UDLD-.
Disable - .
Default - , ,

, UDLD UDLD-, shutdown.

: show udld ports status

```
0/FMC0:EOS# show alarms
Thu Mar 28 06:49:19 2024
  ID      Code      Type      Device      Severity  Duration
Description
-----
  1      Link is err-disabled      alarm trap    fmc 0/0    info      00h02m32s    te0/0/1
is in err-disable state (reason: udld)

0/FMC0:EOS# show errdisable interfaces
Thu Mar 28 07:21:26 2024
  Interface  Reason      Time left(sec)
-----
  te0/0/1    unidirectional-link    21

0/FMC0:EOS# show udld ports status
Thu Mar 28 06:47:24 2024
  Uldd ports global mode: aggressive

  Interface      UDLD Mode      Msg T      UDLD Status      Link status  Nbrs cnt
  -----
  te0/0/1         aggressive      1          uni-dir(echo)     Down(udld)   0
```

shutdown/no shutdown, SFP-. errdisable:

```
0/FMC0:EOS(config)# errdisable recovery cause unidirectional-link <<<<< errdisable UDLD
0/FMC0:EOS(config)# errdisable recovery interval 40 <<<<< ,
```

: show errdisable recovery

```
0/FMC0:EOS# show errdisable recovery
Thu Mar 28 06:54:07 2024

Timer interval: 40 seconds

Reason      Automatic Recovery
-----
link-flapping      Enable
unidirectional-link      Enable
```

, link-flapping . Down(link-flapping) 6 up/down 5, . errdisable recovery interval(30). errdisable link-flaping .

: show errdisable recovery

```
0/FMC0:EOS# show alarms
Thu Mar 28 07:15:29 2024
ID      Code
Description
-----
1 Link is err-disabled          alarm trap    fmc 0/0  info    00h00m29s  te0/0/5 is
in err-disable state (reason: link-flapping)

0/FMC0:EOS# show int tengigabitethernet 0/0/5
Thu Mar 28 07:15:23 2024
Tengigabitethernet0/0/5 is Down(link-flapping)
Interface index is 27
Hardware is Tengigabitethernet, address is a8:f9:4b:8b:9a:05
Link is down for 0 hours, 0 minutes, 29 seconds

0/FMC0:EOS# show int tengigabitethernet 0/0/5
Thu Mar 28 07:15:25 2024
Tengigabitethernet0/0/5 is Up
Interface index is 27
Hardware is Tengigabitethernet, address is a8:f9:4b:8b:9a:05
Link is up for 0 hours, 0 minutes, 0 seconds

0/FMC0:EOS# show errdisable interfaces
Thu Mar 28 07:21:26 2024
Interface      Reason              Time left(sec)
-----
te0/0/5        link-flapping       28
```