

Commands about CoA function

### 1.1.1 errdisable detect cause coa

#### 【Description】

Allow CoA shutdown port and set port to err-disable status.

By default, allow all listed functions shutdown port and set port to err-disable status.

#### 【example】

# Allow CoA functions shutdown port and set port to err-disable status.

```
Hostname#configure terminal
Hostname(config)#errdisable detect cause coa
```

### 1.1.2 errdisable recovery cause coa

#### 【Description】

Allow auto no shutdown port and clear err-disable status of port.

#### 【Example】

```
Hostname#configure terminal
Hostname(config)#errdisable recovery cause coa
Hostname(config)#errdisable recovery interval 60
```

### 1.1.3 show errdisable detect

#### 【Example】

```
Hostname#show errdisable detect
ErrDisable Reason    Detect
-----
bpduguard            Enabled
dai                  Enabled
dhcp-snooping        Enabled
l2pt                 Enabled
link-flap            Enabled
loopback-detect      Enabled
oam                  Enabled
port-security        Enabled
storm-control        Enabled
crc-error            Enabled
ulfd                 Enabled
```

```
transceiver-power-low Enabled
transceiver-power-high Enabled
mac-address-flapping Enabled
coa Enabled
```

### 1.1.4 show errdisable recovery

#### 【example】

```
Hostname#show errdisable recovery
Error disable auto recovery config

interval:300 seconds
ErrDisable Reason      Timer Status
-----
bpduguard              Disabled
dai                    Disabled
dhcp-snooping          Disabled
eips-udld              Disabled
l2pt                   Disabled
link-flap              Enabled
loopback-detect        Disabled
oam                    Disabled
port-security          Disabled
storm-control          Disabled
crc-error              Disabled
ulfd                   Disabled
transceiver-power-low  Disabled
transceiver-power-high Disabled
mac-address-flapping   Disabled
coa                    Disabled
```

### 1.1.5 dot1x mac-authentication radius service-type to call-check

#### 【Description】

**dot1x mac-authentication radius service-type to call-check** Make device use call-check(10) service-type attribute of authentication message and accounting message

**no dot1x mac-authentication radius service-type to call-check** Make device use default attribute Frame(2)

service-type(6)=call-check(10) attribute is used to make ISE identify MAC authentication and 802.1X, During MAC authentication with ISE, device should use service-tpe(6)=call-check(10) in request.

During 802.1X authentication with ISE, device should use service-tpe(6)=Frame(2) in request.

#### 【Example】

```
Hostname#configure terminal
Hostname(config)#dot1x mac-authentication radius service-type to call-check
```

### 1.1.6 radius authorization bounce-port

#### 【Description】

**radius authorization bounce-port** Enable device support CoA bounce-port request.

**no radius authorization bounce-port** By default device not response bounce-port request

#### 【Example】

```
Hostname#configure terminal
```

```
Hostname(config)#radius authorization bounce-port
```

### 1.1.7 radius authorization down-port

#### 【Description】

**radius authorization down-port** Enable device support CoA down-port request.

**no radius authorization down-port** By default device not response CoA down-port request.

#### 【Example】

```
Hostname#configure terminal
```

```
Hostname(config)#radius authorization down-port
```