

Revised: August 19, 2025

Verification and examples

Action group example

Action groups examples are described.

View a action-group with a given name

Displays the action-group with the given name.

```
switch(config)# show sma action-group name  
<action-group-name>
```

View default and user-defined action-group

Displays the action-group of class as system or user. Class system refers to system-defined and user refers to user-defined.

```
switch(config)# show sma action-group class {system | user  
}
```

SMA policy examples

SMA policy examples are described.

SMA default policy

```
switch# show sma policy active  
sma policy name defaultentity-group name eg-switch  
counter-group cg-protocol-all monitor-level default action-group  
ag-defaultentity-group name eg-fcport-edgecounter  
credit-loss-recovery monitor-level default action-group  
ag-error-disableentity-group name eg-fcport-allcounter-group  
cg-fcport-all monitor-level default action-group ag-default
```

SMA custom policy

```
switch# show sma policy active  
sma entity-group name eg-interface-rangeentity-type fc-port  
interface fc1/1-10,fc1/13-20sma policy name customentity-group name  
eg-switchcounter-group cg-protocol-all monitor-level default  
action-group ag-defaultentity-group name eg-interface-rangecounter  
tx-wait monitor-level default action-group  
ag-fpin-congestioncounter-group cg-link-integrity monitor-level  
default action-group ag-fpin-link-integrityentity-group name  
eg-fcport-edgecounter credit-loss-recovery monitor-level default  
action-group ag-error-disableentity-group name  
eg-fcport-allcounter-group cg-fcport-all monitor-level default  
action-group ag-default
```

Viewing the Active Policy

Displays the active policy.

```
switch(config)# show sma policy active
```

View a policy with a given name

Displays the policy with the given name.

```
switch(config)# show sma policy name
<policy-name>
```

Miscellaneous examples

Other examples are described.

View the SMA History

Displays the SMA history. 1MB of memory is reserved for history and contains an average of 11,000 entries of threshold events.

```
switch# show sma history
Action Legend:
  g: FPIN congestion          n: FPIN congestion clear
  p: FPIN link integrity      ss: Congestion signals stop
  c: Congestion isolate      r: Congestion isolate recovery
  d: DIRL                    l: DIRL recovery
  e: error disable           f: flap
  as: Alarm congestion signal ws: Warning congestion signal
```

```
Alert Legend:
s[0-7]: syslog, severity [0-7]
t[0-7]: SNMP trap, level [0-7]
o: OBFL
c: callhome
```

Entity type: fc-port

Counter	Entity	Value	Level	Action	Alerts	Timestamp
tx-credit-not-available 17 09:05:00.779 UTC	fc1/1		0 falling	none	s5,t5	2025 Mar
tx-credit-not-available 17 09:04:59.775 UTC	fc1/1		100 alarm	none	s4,t4	2025 Mar