

Storm Control in Ethernet Port Configuration

You can configure unicast, multicast, and broadcast storm control in packets per second, kilobits per second or percentage of physical link speed. The storm control function can permit the max rate of unicast, multicast, and broadcast traffics on ingress port.



- Storm-control function is invalid for the known unicast traffic. It works on the unknown unicast, all multicast and broadcast traffic.
- pps, kbps and ratio are mutually exclusive and can not be configured at the same time.
- When the value of the storm control is set to 0, it means that data packets are not allowed to pass.
- For storm control in kbps, the actual value of storm control and the configured value are not exactly the same, the correspondence is:

When the configured value is between $64*n$ and $64*n+63$, where n is an integer, the actual value of the storm control is $64*n$. For example, when the configured value is 200 kbps (between $64*3$ and 255), the actual value of the storm control is $64*3=192$ kbps. There is a special case, when the configured value is between 0 and 63, the actual value of the flow control is 64 kbps.

Configuring Storm Control in packet per second on ingress port

```
admin@XorPlus# set interface gigabit-ethernet ge-1/1/1 storm-control broadcast pps 10000
admin@XorPlus# set interface gigabit-ethernet ge-1/1/1 storm-control multicast pps 10000
admin@XorPlus# set interface gigabit-ethernet ge-1/1/1 storm-control unicast pps 10000
admin@XorPlus# commit
Commit OK.
Save done.
admin@XorPlus#
```

Configuring Storm Control in ratio on ingress port

The ratio means the percentage of the physical link speed.

```
admin@XorPlus# set interface gigabit-ethernet ge-1/1/2 storm-control broadcast ratio 10
admin@XorPlus# set interface gigabit-ethernet ge-1/1/2 storm-control multicast ratio 20
admin@XorPlus# set interface gigabit-ethernet ge-1/1/2 storm-control unicast ratio 30
admin@XorPlus# commit
Commit OK.
Save done.
admin@XorPlus#
```

Configuring Storm Control in kilobits per second on ingress port

```
admin@XorPlus# set interface gigabit-ethernet ge-1/1/1 storm-control broadcast kbps 1000
admin@XorPlus# set interface gigabit-ethernet ge-1/1/1 storm-control multicast kbps 1000
admin@XorPlus# set interface gigabit-ethernet ge-1/1/1 storm-control unicast kbps 1000
admin@XorPlus# commit
Commit OK.
Save done.
admin@XorPlus#
```