Shutdown-control Configuration

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Chapter 1 Storm-control Configuration

1.1 Storm-control Overview

When there is loop or malicious attacker in the network, there will be plenty of packets, which occupy the bandwidth and even affect the network. Storm-control will avoid too much packets appear in the network. Restrict the speed rate of port receiving broadcast/multicast/ unknown unicast packets and unknown unicast packets received by all ports. By default, all frames storm control target rate is 256Kbps, Broadcast storm control is Enable; Multicast storm control is Disable; Unicast storm control is Disable.

1.2 Storm-control Configuration

1.2.1 Configure Storm-Control

Storm-Control configuration is in interface configuration mode, that is, administrator can configure it per port.

Table 1-1 Configure Storm-control

Operation	Command	Remarks
Enter global configuration mode	**configure terminal**	-
Configure recover mode	**shutdown-control-recover mode {manual|automatic}**	optional, default mode is manual
Configure auto-recover time	**shutdown-control-recover automatic-open-time** *time*	optional, default time is 480s
Enter interface configuration	**interface ethernet** *device/slot/port*	-

mode		
Configure packet type for storm-control	**Storm-control {broadcast |multicast |unicast} rate** *rate-value*	Required

1.2.2 Storm-control Monitor and Maintenance

After finishing above configuration, user can check the configurations by command below.

Table 1-2 Storm-control monitor and maintenance

Operation	Command	Remarks
Show interface	**show shutdown-control interface** [*interface-list*]	On any configuration mode

📖 **Note:**

If there is no configuration for storm-control, there will be no info show for that.