Storm-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,, Broadcast storm control is Enable,default rate is 50000pps; 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 configured in global configuration mode and enable/disable in interface configuration mode, that is, administrator can enable it per port.

Table 1-1 Configure Storm-control

Operation	Command	Remarks
Enter global configuration mode	**configure terminal**	-
Configure storm-control mode	**Storm-control mode {bit|pbt }**	base on bits or packet.d efault is kbt
Enter interface configuration mode	**interface {range} Ethernet** *port_id (device/slot/port) |<port list>*	-
Configure storm-control type and rate	**storm-control {broadcast|multicast|unicast}** rate	The threshol

		d can be
		<1-1000
		000>

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 storm-control interface <ethernet port-id>**	On any configuration mode