



# Storm Control

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This chapter describes how to identify and resolve the problems related to Storm control.

This chapter includes the following sections:

- [Information About Storm Control, page 21-1](#)
- [Troubleshooting Storm Control, page 21-1](#)

## Information About Storm Control

You can use the traffic storm control feature to prevent disruptions from a broadcast, multicast, or unknown-unicast traffic storm.

## Troubleshooting Storm Control

This section describes the different types of troubleshooting commands to debug Storm Control:

- [Troubleshooting VSM Commands, page 21-1](#)
- [Troubleshooting VEM Commands, page 21-1](#)
- [Debugging Storm Control on a VEM, page 21-2](#)

## Troubleshooting VSM Commands

Displays the detailed storm control statistics on an interface:

- **show storm-control statistics interface** *interface-type module-number/port-number*
- **show storm-control statistics module** *module-number*

## Troubleshooting VEM Commands

Displays all the statistics related to broadcast, multicast and unknown unicast traffic:

- **vemcmd show storm stats**

Displays the configured storm rate on a Virtual Ethernet Module (VEM):

- `vemcmd show storm-rate ltl <ltl>`

Displays the storm control status of whether the port is dropping or allowing traffic on a VEM.

- `vemcmd show storm status`

## Debugging Storm Control on a VEM

You can debug storm control on a VEM.

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- Step 1** `vemlog clear.`
- Step 2** `vemlog start.`
- Step 3** `vemlog debug sfstormcontrol all.`
- Step 4** `vemlog show all.`