



# Storm Control

This chapter describes how to identify and resolve problems related to storm control. This chapter contains the following sections:

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

## Information About Storm Control

A traffic storm occurs when packets flood the LAN, creating excessive traffic and degrading network performance. You can use the traffic storm control feature to prevent disruptions from a broadcast, multicast, or unknown-unicast traffic storm.

## Storm Control Troubleshooting Commands

### Storm Control VSM Commands

Use the following commands to display 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`

### Storm Control VEM Commands

Command	Description
<code>vemcmd show storm stats</code>	Displays all statistics related to the broadcast, multicast, and unknown unicast traffic.
<code>vemcmd show storm-rate ltl <i>ltl</i></code>	Displays the configured storm rate on a VEM.
<code>vemcmd show storm status</code>	Displays the storm control status of whether the port is dropping or allowing traffic on a VEM.

## Debugging Storm Control on VEM

To debug storm control on VEM, run the following commands:

### Procedure

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