

## Verifying That Firewall Filters Are Operational

**Purpose** After you configure and apply firewall filters to ports, VLANs, or Layer 3 interfaces, you can perform the following task to verify that the firewall filters configured on EX-series switches are working properly.

**Action** Use the operational mode command to verify that the firewall filters on the switch are working properly:

```
user@switch> show firewall
Filter: egress-vlan-watch-employee
Counters:
Name                                     Bytes      Packets
counter-employee-web                    0           0
Filter: ingress-port-voip-class-limit-tcp-icmp
Counters:
Name                                     Bytes      Packets
icmp-counter                           0           0
Policers:
Name                                     Packets
icmp-connection-policer                 0
tcp-connection-policer                  0
Filter: ingress-vlan-rogue-block
Filter: ingress-vlan-limit-guest
```

**Meaning** The show firewall command displays the names of all firewall filters, policers, and counters that are configured on the switch. For each counter that is specified in a filter configuration, the output field shows the byte count and packet count for the term in which the counter is specified. For each policer that is specified in a filter configuration, the output field shows the packet count for packets that exceed the specified rate limits.

- Related Topics**
- Configuring Firewall Filters (CLI Procedure)
  - Configuring Firewall Filters (J-Web Procedure)
  - Configuring Policers to Control Traffic Rates (CLI Procedure)
  - Example: Configuring Firewall Filters for Port, VLAN, and Router Traffic on EX-series Switches
  - Monitoring Firewall Filter Traffic

