

## Configuring sFlow Technology for Network Monitoring (CLI Procedure)

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You can configure sFlow technology, designed for monitoring high-speed switched or routed networks, to continuously monitor traffic at wire speed on all interfaces simultaneously. JUNOS software fully supports the sFlow standard described in RFC 3176, *InMon Corporation's sFlow: A Method for Monitoring Traffic in Switched and Routed Networks* (see RFC 3176).

To configure sFlow features using the CLI:

1. Configure the IP address of the collector.

```
[edit protocols sflow]
user@switch# set collector <ip-address>
```

2. Configure the UDP port of the collector. The default UDP port assigned is 6343.

```
[edit protocols sflow]
user@switch# set collector udp-port <port-number>
```

3. Enable sFlow technology on a specific interface:

```
[edit protocols sflow]
user@switch# set interfaces <interface-name>
```



**NOTE:** You cannot enable sFlow technology on a Layer 3 VLAN-tagged interface.

You cannot enable sFlow technology on a LAG interface. sFlow technology can be enabled on the member interfaces of the LAG.

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4. Specify how often the sFlow agent polls the interface:

```
[edit protocols sflow]
user@switch# set polling-interval <seconds>
```



**NOTE:** Specify 0 if you do not want to poll the interface.

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5. Specify the rate at which packets must be sampled:

```
[edit protocols sflow]
user@switch# set sample-rate <number>
```

6. You can also configure the polling interval and sample rate at the interface level.

```
[edit protocols sflow interfaces]
```

```
user@switch# set polling-interval seconds
```

```
[edit protocols sflow interfaces]  
user@switch# set sample-rate number
```



**NOTE:** The interface-level configuration overrides the global configuration.

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- Related Topics**
- Example: Monitoring Network Traffic Using sFlow Technology on EX-series Switches
  - Understanding Using sFlow Technology for Network Monitoring on an EX-series Switch