

Configuring Devices for sFlow Export

This section offers a brief guide for configuring various devices for sFlow export. For more information, go to vendor website.

HP



This is an example of configuring sFlow on HP 5900 Series Switches, firmware version 7.1.045.

Configure the source IP address:

```
sflow agent ip 10.10.10.10
sflow source ip 10.10.10.10
```

Configure the IP address of the sFlow collector:



If you don't include the destination port number, it will leave it on the default port 6343.

```
sflow collector 1 ip 20.20.20.20 port 6000 description "sFlow Collector"
```

Enable sFlow on a specific interface:

```
interface GigabitEthernet1/0/5
sflow flow collector 1
sflow sampling-rate 1000
sflow counter collector 1
sflow counter interval 100
```

Juniper



This is an example of configuring sFlow on Juniper EX Series Switches, Junos OS Release 9.3 or later.

Configure the IP address and UDP port of the collector:

```
[edit protocols]
user@switch# set sflow collector 20.20.20.20 udp-port 6343
```

Enable sFlow on a specific interface:

```
[edit protocols sflow]
user@switch# set interfaces ge-0/0/0
```

Specify in seconds how often the sFlow agent polls the interface:

```
[edit protocols sflow]
user@switch# set polling-interval 20
```

Specify the rate at which ingress or egress packets must be sampled:

```
[edit protocols sflow]
user@switch# set sample-rate ingress 1000
```

Huawei



This is an example of configuring sFlow on Huawei s3700 Switch.

Configure the IP address of the sFlow collector and the sFlow agent:

```
system-view
sflow collector 1 ip 20.20.20.20 port 6343
sflow agent ip 10.10.10.10
```

Enable sFlow on a specific interface:

```
system-view
interface gigabitethernet 1/0/2
sflow flow-sampling collector 1
sflow flow-sampling rate 1024
sflow counter-sampling collector 1
sflow counter-sampling interval 30
```

Dell



This is an example of configuring sFlow on Dell PowerConnect 6224P, firmware version 3.2.0.7.

Configure the IP address of the sFlow collector and udp port:



If you don't include the udp port number, it will leave it on the default port 6343.

```
sflow 1 destination 20.20.20.20 6000
sflow 1 destination owner NFA timeout 4294967295
```

Enable sFlow on 1 or more interfaces and configure polling interval (which is 30 seconds in our example):

```
sflow 1 polling ethernet 1/g1-1/g16 30
```

Configure sampling packets:

```
sflow 1 sampling ethernet 1/g1-1/g16 1024
```