

AF1G40AC / AF1G52AC / AF10G72AC / AF40G24AC

In this example sFlow will be enabled for Port Eth-0-1/4. Use this same procedure for any other port desired.

Connect to the Advanced Features unit:

A connection to the unit may be established using two options:

- a) Directly connected to the Console Interface - COM Port using Putty/Serial connection.
- b) Connected via the IP Management Interface using Putty/SSH connection.

1. Login to the Advanced Features unit, (admin/gtadmin1).
2. Enter the following commands to enable sFlow.

```
Switch# enable

Switch# configure terminal

Switch(config)# sflow enable

Switch(config)# sflow agent ip 192.168.1.236    (Advanced Features IP Address)

Switch(config)# sflow collector mgmt-if 192.168.1.177 6343    (Laptop or PC)

Switch(config)# sflow counter interval 10

Switch(config)# interface eth-0-1/4    (Advanced Features port)

Switch(config-if-eth-0-1/4)# sflow counter-sampling enable

Switch(config-if-eth-0-1/4)# sflow flow-sampling rate 32768

Switch(config-if-eth-0-1/4)# sflow flow-sampling enable both

Switch(config-if-eth-0-1/4)# exit

Switch(config)# exit

Switch#
```

3. Enter the following command to display sFlow.

```
Switch# show sflow
```

```
sFlow Version: 5
sFlow Global Information:
Agent IPv4 address      : 192.168.1.236
Counter Sampling Interval : 10 seconds
Collector 1:
mgmt-if IPv4 Address: 192.168.1.177
Port: 6343
sFlow Port Information:
```

Port	Counter	Flow	Flow-Sample Direction	Flow-Sample Rate
eth-0-1/4	Enable	Enable	Both	32768

The following sFlow output was captured using WireShark.

The screenshot shows the Wireshark network protocol analyzer interface. The top menu bar includes File, Edit, View, Go, Capture, Analyze, Statistics, Telephony, Wireless, Tools, and Help. The packet list pane displays five captured sFlow packets (No. 1 to 5) with details such as Time, Source, Destination, Protocol, Length, and Info. The packet details pane for the selected packet (No. 5) shows the expanded flow sample structure, including Datagram version (5), Agent address (192.168.1.236), Sequence number (2172), Sysuptime (6 days, 20 hours, 41 minutes, 14 seconds), and NumSamples (5). The expanded flow sample details include Sample length (252), Source ID type (0), Source ID index (4), Sampling rate (1 out of 32768 packets), Sample pool (350978048 total packets), and Flow record (4). The packet bytes pane at the bottom shows the raw data of the selected packet in hexadecimal and ASCII.