LiveAction®

Configure sFlow on a Nexus 9k

Summary

Currently, LiveNX is not able to configure a Cisco Nexus 9k to export sFlow. This does not mean that LiveNX cannot collect sflow that is sent to it, it is just necessary for a user to follow the steps in this guide to configure their Cisco Nexus 9k to export the flow.

Q: I tried to use LiveNX to configure sFlow on my Nexus 9k, what should I do?
A: It is not recommended that you use LiveNX to configure sFlow. It is likely that you have some configurations from LiveNX that need to be removed. You can contact the LiveAction Technical Support Team at *support@liveaction.com* for more assistance.

Q: Where can I read more about Cisco Nexus 9k and sFlow?
A: You can read more here: *http://www.cisco.com/c/en/us/td/docs/switches/datacenter/ nexus9000/sw/7-x/system_management/configuration/guide/b_Cisco_Nexus_9000_Series_NX- OS_System_Management_Configuration_Guide_7x/b_Cisco_Nexus_9000_Series_NX- OS_System_Management_Configuration_Guide_7x_chapter_011000.html#task_741E60C6A2 C74B65AC51D054DCC052C4*

Q: You didn't answer my question!
A: Feel free to contact *support@liveaction.com* for any further questions!

If you have any questions about this guide, or need any assistance in general please contact LiveAction support: *support@liveaction.com*.

Apply commands to your Nexus 9k

The following commands will need to be applied to your Nexus 9k:

Enabling sFlow

```
feature sflow

    NX-9372(config)# feature sflow
    NX-9372(config)# do show running-config | include sflow
    feature sflow
```

Configuring the sFlow Collector Address

```
sflow collector-ip 10.29.33.20 vrf management source 172.20.12.20 sflow
agent-ip 172.19.12.71
```

```
NX-9372(config)# sflow collector-ip 10.29.33.20 vrf management source
172.20.12.20
NX-9372(config)# sflow agent-ip 172.19.12.71
```

Configuring the sFlow Sampling Data Source

```
sflow data-source interface Ethernet1/1
```

```
vrf context management
sflow collector-ip 10.29.33.20 vrf management source 172.20.12.20
sflow agent-ip 172.19.12.71

sflow data-source interface Ethernet1/1
```

Verify the sFlow configuration:

```
show sflow
```

```
NX-9372# show sflow
sflow sampling-rate : 4096
sflow max-sampled-size : 128
sflow counter-poll-interval : 20
sflow max-datagram-size : 1400
sflow collector-ip : 10.29.33.20 , vrf management source 172.20.12.20
sflow collector-port : 6343
sflow agent-ip : 172.19.12.71
sflow data-source interface Ethernet1/1
```