NTA - How to configure Juniper SRX devices to export J-Flow

Overview

This article provides an example of configuring J-Flow on an SRX Series device. NOTE: SRX devices support J-Flow versions 5 and 8. SolarWinds Netflow only supports and will process J-Flow version 5.

Environment

- All Netflow version

Steps

Configuration Example

The following procedure provides an example of J-Flow configuration.

1. Enable sampling on one or more interfaces, and specify the direction:

   ```
   user@host# set interfaces ge-0/0/0 unit 0 family inet sampling input
   user@host# set interfaces ge-0/0/0 unit 0 family inet sampling output
   ```

2. Specify the sampling rate.

   **Caution:** Activation of flow collection can have a significant impact on the performance of the SRX Series device. The smaller the sample rate, the bigger the impact. We recommend that you do not use a sampling input rate of 1.

   ```
   user@host# set forwarding-options sampling input rate 100
   ```

3. Specify the UDP port number of the host that is collecting cflowd packets.

   ```
   user@host# set forwarding-options sampling family inet output flow-server 10.10.10.1 port 2055
   ```

4. Specify the version format: 5.

   ```
   user@host# set forwarding-options sampling family inet output flow-server 10.10.10.1 port 2055 version 5
   ```
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