# More Steelhead Commands

## ip flow-export

<table>
<thead>
<tr>
<th>Description</th>
<th>Configures NetFlow support. NetFlow enables you to collect traffic flow data and gather it on NetFlow collectors. You can gather pre-optimization and post-optimization data on traffic flows for custom reports. Steelhead appliances support NetFlow v5 (the most common format).</th>
</tr>
</thead>
<tbody>
<tr>
<td>Syntax</td>
<td>ip flow-export [destination &lt;collector ip&gt; &lt;collector port&gt; export-port [aux</td>
</tr>
<tr>
<td>Parameters</td>
<td>destination-&lt;collector ip&gt; &lt;collector port&gt;</td>
</tr>
<tr>
<td></td>
<td>export-port [aux</td>
</tr>
<tr>
<td></td>
<td>interface &lt;primary wan1</td>
</tr>
<tr>
<td></td>
<td>capture &lt;all</td>
</tr>
<tr>
<td></td>
<td>lan-addrs [off</td>
</tr>
</tbody>
</table>

## Usage

Before you enable NetFlow support in your network, you should consider the following:

- Generating NetFlow data can utilize large amounts of bandwidth, especially on low bandwidth links and thereby impact Steelhead appliance performance.
- You can reduce the amount of data exported by NetFlow by exporting only optimized traffic.
- NetFlow only tracks incoming packets (ingress).

To troubleshoot your NetFlow settings:

- Make sure the port configuration matches on the Steelhead appliance and the listening port of the collector.
- Ensure that you can reach the collectors from the Steelhead appliance (for example, ping 1.1.1.1 where 1.1.1.1 is the Netflow collector).
- Verify that your capture settings are on the correct interface and that traffic is flowing through it.

```
minna (config) # ip flow-export enable
minna (config) # ip flow-export wan0 export-port primary capture optimized lan-addrs on
minna (config) # show ip flow-export
```

For virtual in-path deployments (WCCP or PBR), because the traffic is arriving and leaving from the same WAN interface, when the Steelhead appliance exports data to a NetFlow collector, all traffic has the WAN interface index. This is the correct behavior because the input interface is the same as the output interface.

To distinguish between LAN-to-WAN and WAN-to-LAN traffic in virtual in-path deployments, see the Steelhead Appliance Deployment Guide.

## Example

```
minna (config) # ip flow-export lan6 destination 10.2.2.2 2055 export-port aux capture all lan-addrs off
minna (config) #
```

## Product

Steelhead appliance

## Related Topics

- "chow job"
ip flow-export enable

| Description | Enables NetFlow support. NetFlow enables you to collect traffic flow data and gather it on NetFlow collectors. You can gather pre-optimization and post-optimization data on traffic flows for custom reports.

NetFlow enables you to export network statistics that provide information about network data flows such as peak usage times, traffic accounting, security, and traffic routing. NetFlow records information for each incoming packet on the specified network interface (the ingress interface). This data is sent to a NetFlow collector and analyzed by a NetFlow analyzer.

Steelhead appliances support NetFlow v5 (the most common format). |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Syntax</td>
<td>[no] ip flow-export enable</td>
</tr>
<tr>
<td>Parameters</td>
<td>None</td>
</tr>
</tbody>
</table>

Usage

Before you enable NetFlow support in your network, you should consider the following:

- Generating NetFlow data can utilize large amounts of bandwidth, especially on low bandwidth links and thereby impact Steelhead appliance performance.
- You can reduce the amount of data exported by NetFlow by exporting only optimized traffic.
- NetFlow only tracks incoming packets (ingress).

To troubleshoot your NetFlow settings:

- Make sure the port configuration matches on the Steelhead appliance and the listening port of the collector.
- Ensure that you can reach the collectors from the Steelhead appliance (for example, ping 1.1.1.1 where 1.1.1.1 is the NetFlow collector).
- Verify that your capture settings are on the correct interface and that traffic is flowing through it:

  ```
  mimas (config) # ip flow-export enable
  mimas (config) # ip flow-export wan0_0 destination 10.2.2.2 2655 export-port primary capture optimized lan-addr on
  mimas (config) # show ip flow-export
  ```

For virtual in-path deployments (WCCP or PBR), because the traffic is arriving and leaving from the same WAN interface, when the Steelhead appliance exports data to a NetFlow collector, all traffic has the WAN interface index. This is the correct behavior because the input interface is the same as the output interface.

To distinguish between LAN-to-WAN and WAN-to-LAN traffic in virtual in-path deployments, see the Steelhead Appliance Deployment Guide.

The no command option disables NetFlow support.

Example

```
  mimas (config) # ip flow-export enable
  mimas (config) #
  ```

Product

Steelhead appliance

Related Topics

"show ip"