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## Configuration Commands

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### sFlow System Commands

#### sflow

<b>Syntax</b>	<b>sflow</b>
<b>Context</b>	config>sflow
<b>Description</b>	This command enables context to configured sflow agent parameters.

#### egress-counter-map

<b>Syntax</b>	<b>egress-counter-map policer</b> <i>policer-id</i> <b>traffic-type</b> {unicast   multicast   broadcast} [create] <b>egress-counter-map queue</b> <i>queue-id</i> <b>traffic-type</b> {unicast   multicast   broadcast} [create] <b>no egress-counter-map policer</b> <i>policer-id</i> <b>no egress-counter-map queue</b> <i>queue-id</i>
<b>Context</b>	config>sflow
<b>Description</b>	<p>This command configures the egress counter map for sFlow. The map must be configured so sFlow agent understands how to interpret data collected against SAP queues and policers. Multiple queues and policers can be mapped to the same <b>traffic-type</b> using separate line entries.</p> <p>The <b>no</b> form of this command deletes a SAP policy queue/policer from the map.</p>
<b>Default</b>	No mapping is created by default.
<b>Parameters</b>	<p><i>policer-id</i> — Specifies the policer ID in a SAP egress QoS policy. If the SAP policy does not have a policer with the specified ID, the map entry will be ignored for this SAP.</p> <p><b>Values</b> 1 — 8</p> <p><i>queue-id</i> — Specifies the queue ID in a SAP egress QoS policy. If the SAP policy does not have a queue with the specified ID, the map entry will be ignored for this SAP.</p> <p><b>Values</b> 1 — 8</p>

## ingress-counter-map

<b>Syntax</b>	<b>ingress-counter-map policer</b> <i>policer-id</i> <b>traffic-type</b> {unicast   multicast   broadcast} [create] <b>ingress-counter-map queue</b> <i>queue-id</i> <b>traffic-type</b> {unicast   multicast   broadcast} [create] <b>no ingress-counter-map policer</b> <i>policer-id</i> <b>no ingress-counter-map queue</b> <i>queue-id</i>
<b>Context</b>	config>sflow
<b>Description</b>	This command configures the ingress counter map for sFlow. The map must be configured so sFlow agent understands how to interpret data collected against SAP queues and policers. Multiple queues/policers can be mapped to the same <b>traffic-type</b> using separate line entries.  The <b>no</b> form of this command deletes a SAP policy queue/policer from the map.
<b>Default</b>	No mapping is created by default.
<b>Parameters</b>	<i>policer-id</i> — Specifies the policer ID in a SAP ingress QoS policy. If the SAP policy does not have a policer with the specified ID, the map entry will be ignored for this SAP. <b>Values</b> 1 — 32  <i>queue-id</i> — Specifies the queue ID in a SAP ingress QoS policy. If the SAP policy does not have a queue with the specified ID, the map entry will be ignored for this SAP. <b>Values</b> 1 — 32

## receiver

<b>Syntax</b>	<b>receiver</b> <i>receiver-name</i> [create] <b>no receiver</b>
<b>Context</b>	config>sflow
<b>Description</b>	This command creates an sFlow receiver context or enters existing sFlow receiver context for the sFlow agent.  The <b>no</b> form of this command deletes an existing sFlow receiver context.
<b>Default</b>	No receivers are created by default.
<b>Parameters</b>	<i>receiver-names</i> — String of up to 127 characters.

## ip-addr-primary

<b>Syntax</b>	<b>ip-addr-primary</b> <i>ip-address[:port]</i> <b>no ip-addr-primary</b>
<b>Context</b>	config>sflow>receiver
<b>Description</b>	This command configures primary IPv4 or IPv6 destination address for the sFlow agent to send sFlow datagrams to. Optionally a destination port can also be configured (by default port 6343 is used).  The <b>no</b> form of this command deletes primary sFlow receiver destination.
<b>Default</b>	<b>no ip-addr-primary</b>
<b>Parameters</b>	<i>ip-address</i> — Specifies the IPv4 or IPv6 address to send the sFlow datagrams to.  <b>Values</b> a.b.c.d            (IPv4) x:x:x:x:x:x:x    (IPv6) [x:x:x:x:x:x:x] (IPv6) x - [0..FFFF]H  <i>port</i> — Specifies the UDP destination port to send the sFlow datagrams to.  <b>Values</b> 1 — 65535

## ip-addr-backup

<b>Syntax</b>	<b>ip-addr-backup</b> <i>ip-address[:port]</i> <b>no ip-addr-backup</b>
<b>Context</b>	config>sflow>receiver
<b>Description</b>	This command configures back-up IPv4 or IPv6 destination address for the sFlow agent to send sFlow datagrams to. Optionally a destination port can also be configured (by default port 6343 is used).  The <b>no</b> form of this command deletes backup sFlow receiver destination.
<b>Default</b>	<b>no ip-addr-backup</b>
<b>Parameters</b>	<i>ip-address</i> — Specifies the IPv4 or IPv6 address to send the sFlow datagrams to.  <b>Values</b> a.b.c.d            (IPv4) x:x:x:x:x:x:x    (IPv6) [x:x:x:x:x:x:x] (IPv6) x - [0..FFFF]H  <i>port</i> — Specifies the UDP destination port to send the sFlow datagrams to.  <b>Values</b> 1 — 65535

## max-data-size

<b>Syntax</b>	<b>max-data-size</b> <i>bytes</i>
<b>Context</b>	config>sflow>receiver
<b>Description</b>	This configures maximum data size for sFlow UDP datagrams sent to the collector. To restore default configuration, execute max-data-size 1400.
<b>Default</b>	1400 bytes
<b>Parameters</b>	<i>bytes</i> — An integer
<b>Values</b>	200— 1500