


```

        destination 10.5.5.2;
    }
}
}
fe-1/0/0 { # This is the interface where records are sent to the flow server.
    unit 0 {
        family inet {
            address 10.60.2.2/30;
        }
    }
}
ge-2/3/0 { # This is the input interface where traffic enters the router.
    unit 0 {
        family inet {
            filter {
                input catch_all;
            }
            address 10.1.1.1/20;
        }
    }
}
}
forwarding-options {
    sampling { # The router samples the traffic.
        input {
            rate 100; # One out of every 100 packets is sampled.
        }
    }
    family inet {
        output { # The sampling process creates and exports flow records.
            flow-server 10.60.2.1 { # You can configure a variety of settings.
                port 2055;
                version 8;
                aggregation { # Aggregation is unique to flow version 8.
                    protocol-port;
                    source-destination-prefix;
                }
            }
            aggregate-export-interval 90;
            flow-inactive-timeout 60;
            flow-active-timeout 60;
            interface sp-2/0/0 { # This statement enables PIC-based sampling.
                engine-id 5; # Engine statements are dynamic, but can be configured.
                engine-type 55;
                source-address 10.60.2.2; # You must configure this statement.
            }
        }
    }
}
accounting counter1 { # This discard accounting process handles default traffic.
    output { # This process creates and exports flow records.
        flow-inactive-timeout 65;
        flow-active-timeout 65;
        flow-server 10.60.2.1 { # You can configure a variety of settings.
            port 2055;
            version 8;
        }
    }
}

```


Verifying Your Work

To verify that your configuration is correct, use the following commands on the monitoring station that is configured for active flow monitoring:

- `show services accounting aggregation` (for version 8 flows only)
- `show services accounting errors`
- `show services accounting (flow | flow-detail)`
- `show services accounting memory`
- `show services accounting packet-size-distribution`
- `show services accounting status`
- `show services accounting usage`

The following shows the output of the `show` commands used with the configuration example:

```
user@router> show services accounting flow name t2
Service Accounting interface: sp-2/0/0, Local interface index: 468
Service name: t2
  Flow information
    Flow packets: 56130820, Flow bytes: 3592372480
    Flow packets 10-second rate: 13024, Flow bytes 10-second rate: 833573
    Active flows: 600, Total flows: 600
    Flows exported: 28848, Flows packets exported: 960
    Flows inactive timed out: 0, Flows active timed out: 35400

user@router> show services accounting
Service Name:
  (default sampling)
  counter1
  t2

user@router> show services accounting aggregation protocol-port detail name t2
Service Accounting interface: sp-2/0/0, Local interface index: 468
Service name: t2

  Protocol: 6, Source port: 20, Destination port: 20
  Start time: 442794, End time: 6436260
  Flow count: 1, Packet count: 4294693925, Byte count: 4277471552

user@router> show services accounting aggregation source-destination-prefix name
t2 limit 10 order packets
Service Accounting interface: sp-2/0/0, Local interface index: 542
Service name: t2
  Source      Destination  Input SNMP  Output SNMP  Flow  Packet  Byte
  Prefix      Prefix      Index      Index      count count  count
10.1.1.2/20  10.225.0.1/0  24         26         0     13     9650
10.1.1.2/20  10.143.80.1/0 24         26         0     13     10061
10.1.1.2/20  10.59.176.1/0 24         26         0     13     10426
10.1.1.2/20  10.5.32.1/0   24         26         0     13     12225
10.1.1.2/20  10.36.16.1/0  24         26         0     13     9116
10.1.1.2/20  10.1.96.1/0   24         26         0     12     11050
10.1.1.2/20  10.14.48.1/0  24         26         0     13     10812
```

10.1.1.2/20	10.31.192.1/0	24	26	0	13	11473
10.1.1.2/20	10.129.144.1/0	24	26	0	13	7647
10.1.1.2/20	10.188.160.1/0	24	26	0	13	10056

```

user@router> show services accounting aggregation source-destination-prefix name
t2 extensive limit 3
Service Accounting interface: sp-2/0/0, Local interface index: 542
Service name: t2

```

```

Source address: 10.1.1.2, Source prefix length: 20
Destination address: 10.200.176.1, Destination prefix length: 0
Input SNMP interface index: 24, Output SNMP interface index: 26
Source-AS: 69, Destination-AS: 69
Start time: Fri Feb 21 14:16:57 2003, End time: Fri Feb 21 14:22:50 2003
Flow count: 0, Packet count: 6, Byte count: 5340

```

```

Source address: 10.1.1.2, Source prefix length: 20
Destination address: 10.243.160.1, Destination prefix length: 0
Input SNMP interface index: 24, Output SNMP interface index: 26
Source-AS: 69, Destination-AS: 69
Start time: Fri Feb 21 14:16:57 2003, End time: Fri Feb 21 14:22:50 2003
Flow count: 0, Packet count: 6, Byte count: 5490

```

```

Source address: 10.1.1.2, Source prefix length: 20
Destination address: 10.162.160.1, Destination prefix length: 0
Input SNMP interface index: 24, Output SNMP interface index: 26
Source-AS: 69, Destination-AS: 69
Start time: Fri Feb 21 14:16:57 2003, End time: Fri Feb 21 14:22:50 2003
Flow count: 0, Packet count: 6, Byte count: 4079

```

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