



Random Sampled NetFlow

Random Sampled NetFlow allow you to collect data from specific subsets of network traffic.

- The Random Sampled NetFlow feature provides NetFlow data for a subset of traffic in a Cisco router by processing only one randomly selected packet out of n sequential packets (n is a user-configurable parameter).

Cisco IOS NetFlow is a Cisco IOS application that provides statistics on packets flowing through a router. It is emerging as a primary network accounting and security technology.

Configuration Information

Configuration information is included in the “Using NetFlow Filtering or Sampling to Select the Network Traffic to Track” module of the *Cisco IOS NetFlow Configuration Guide*, Cisco IOS Release 12.4, at the following URL:

http://www.cisco.com/univercd/cc/td/doc/product/software/ios124/124cg/honf_c/chap10/onf_bsmf.htm

The following sections provide information about this feature:

- Information About Using NetFlow Filtering or Sampling to Select Network Traffic to Track
- How to Configure NetFlow Filtering or Sampling
- Configuration Examples for Configuring NetFlow Filtering and Sampling

For a complete list of features included in the “Using NetFlow Filtering or Sampling to Select the Network Traffic to Track” module, see the Feature Information Table located toward the end of the module.

Command Reference Information

Command reference information is included in the *Cisco IOS NetFlow Command Reference*, Cisco IOS Release 12.2SB, at the following URL:

http://www.cisco.com/univercd/cc/td/doc/product/software/ios122sb/cr/sbnf_r/

New or Modified Commands

The following commands are new or modified for this feature:

- **class-map**
- **match access-group**
- **flow-sampler-map**

- **mode**
- **policy-map**
- **class**
- **netflow-sampler**
- **service-policy**
- **show flow-sampler**
- **show ip cache verbose flow**
- **show ip flow export template**

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