



Flowmon Collector

Detailed Network Visibility Now Possible with NetFlow/IPFIX Collector

Product Brief

INTRODUCTION

Flowmon Collector is a hardware or virtual appliance designed for long-term storage, display and analysis of network flows in formats such as NetFlow/IPFIX/sFlow. The technology enables users to accurately, quickly and efficiently troubleshoot, optimize network and increase its security (by detecting internal and external attacks), while reducing operational costs.



Flowmon Collector delivers complete network traffic visibility, providing the administrator with multitude network visualizations and view perspectives, Top-N statistics: users, network services and interactions. Built-in and user-defined profiles provide drill-down views to any network interaction. Customized reporting and alerting for predefined events enables administration automation, set it and forget it, and monitoring efficiency – only receive alerts on events that are of importance.

Flowmon ADS system (Network Behavior Analysis technology) to automatically detect **network security** and operational incidents, Flowmon DDoS Defender for volumetric **DDoS attack protection**, Flowmon APM (**Application Performance Monitoring**) and Flowmon Traffic Recorder for **full packet capture** are all available as additional plugins to the Flowmon Collector; A full end to end, efficient and cost effective network monitoring and security platform.

MAIN FUNCTIONS

In addition to a detailed network view, Flowmon Collector provides advanced features and functionality:

Upper layer protocols analysis (L7 analysis):

- ▶ VoIP statistics collection and analysis (delays, jitter, etc.).
- ▶ HTTP information (URL, hostname).
- ▶ DNS traffic monitoring (DNS query, response, flags, etc.).
- ▶ Application detection (using Cisco NBAR2 standard).

Network Performance Monitoring (NPM):

- ▶ Collection and analysis of network performance indicators (RTT, SRT, retransmissions, delay, jitter, etc.).
- ▶ Support for standard Cisco AVC ART (Application Visibility and Control and Administrative Reporting Tool).

FEATURES/BENEFITS SUMMARY

- ▶ **High-performance collector for flow data analysis**
- ▶ **Complete visibility into network traffic with possibility to drill-down to any communication**
- ▶ **NetFlow v5/v9, IPFIX, sFlow, NetStream, jFlow including NBAR2, NSEL/NEL, MAC addresses, HTTP information, VoIP statistics support, DNS traffic monitoring**
- ▶ **Network performance characteristics (NPM, AVC ART), statistics visualization and views**
- ▶ **Top N statistics, user-defined profiles, automated reporting, email alerting**
- ▶ **Support for BYOD (Bring Your Own Device), mobile device identification including operation system**
- ▶ **User identity as an integral part of flow statistics**
- ▶ **Automated detection of data sources**
- ▶ **Multi-user administrative access (multi-tenancy)**
- ▶ **High performance database system optimized for fast access and data retrieval**
- ▶ **RESTful API for automated acquisition and processing of flow statistics in third party systems**

PRODUCT PORTFOLIO

Flowmon Collector product line includes hardware and virtual appliances that differ mainly in the disk capacity and geared performance. Flowmon Collector scales from small and medium-sized networks all the way to very large networks, internet service providers and network carriers.



ORDERING INFORMATION



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