ManageEngine

NetFlow Analyzer

Advanced Security Analytics

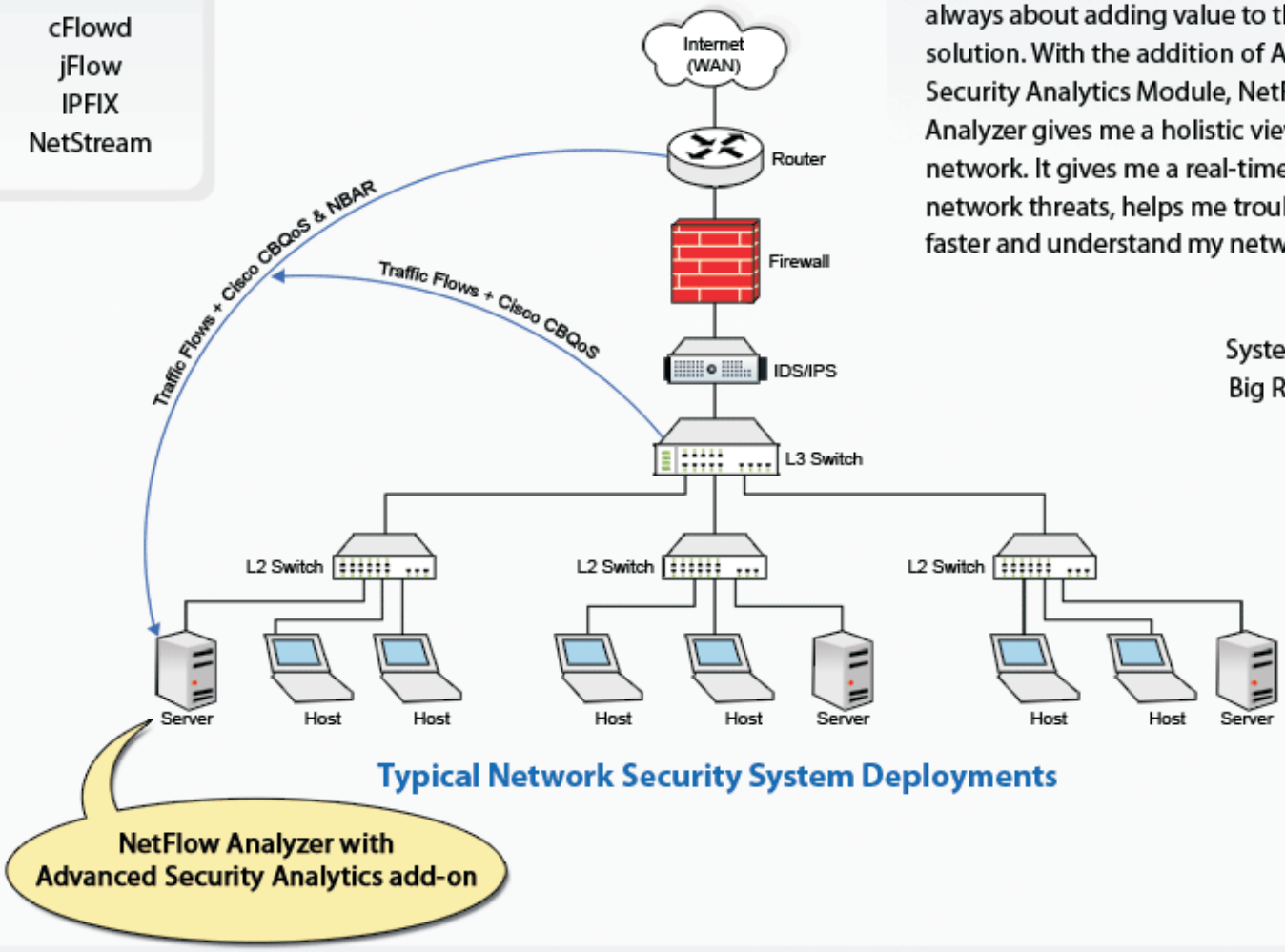
Starts at $ 595

Bring zero- day security threats to light and keep your network threat-free!

Embrace holistic security assessment and proactive decision making

Traffic Flow

Netflow
sFlow
cFlowd
jFlow
IPFIX
NetStream



Typical Network Security System Deployments

Customer Quote

ManageEngine NetFlow Analyzer has been always about adding value to their solution. With the addition of Advanced Security Analytics Module, NetFlow Analyzer gives me a holistic view of the network. It gives me a real-time visibility of network threats, helps me troubleshoot faster and understand my network better!

Jim Key
Systems Engineer,
Big River Internet.

Is your network really secured, Have you confirmed this lately?

What is your strategy for ensuring a comprehensive enterprise-wide network security system?

Does deploying an agentless Unified Traffic Analysis Solution, for improving network visibility, make sense?

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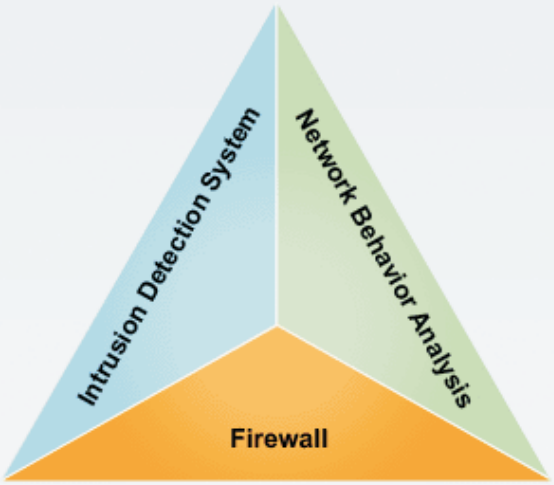
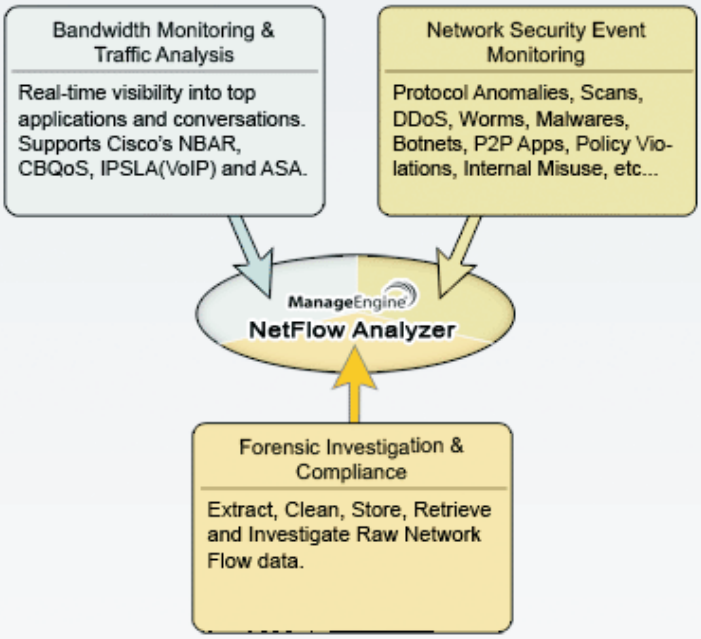
NetFlow Analyzer Advanced Security Analytics

Comprehensive Enterprise Network Security



Unified Traffic Analytics



Benefits of a good NBA System

- Centralized agentless traffic data collection, analysis and management
- Seamless visibility into both external and internal security threats
- Context-sensitive zero-day intrusion/anomaly detection capabilities
- Continuous overall Security Posture assessment
- Proactive feedback-driven access and traffic policy decisions
- Actionable and real-time decision support system

About NetFlow Analyzer

ManageEngine NetFlow Analyzer is a unified traffic analysis and network forensics platform that leverages on the wide range of management technologies that are part of your Routers/Switches/WAN Accelerators. As the only product that supports Cisco NetFlow, Cisco NBAR, Cisco CBQoS and IPSLA (VoIP) out-of-the-box, NetFlow Analyzer provides unparalleled visibility into your network and how it impacts your business. NetFlow Analyzer also supports sFlow®, cflowd®, jFlow®, IPFIX®, NetStream®.

Chief Architect Quote

ManageEngine NetFlow Analyzer's Advanced Security Analytics Module exploits some of the state-of-the-art data processing strategies to build a unified network security analysis platform. To start-with, it focuses on covering an extensive array of zero-day network intrusion activities, coupled with actionable information collation and trouble-shooting capabilities. ASAM is well poised to incorporate some of the high-precision algorithms targeting both fast spreading as well as low-footprint and slippery network intrusion activities.

Chandramouli Srinivasan
ASAM Technical Architect,
ManageEngine.

Other Salient Features

- Add custom applications based on port / hosts
- Automatic alerting when usage thresholds are violated and option to generate & schedule periodic reports
- Create your own IP based departments and divisions
- Validate & fine tune your CBQoS policies using CBQoS reporting
- Accurate capacity planning reports for informed infrastructure investments
- Monitor VoIP performance in your network
- Support for Flexible NetFlow NBAR, SNMP V3 and Cisco ASA
- Runs on both Windows and Linux

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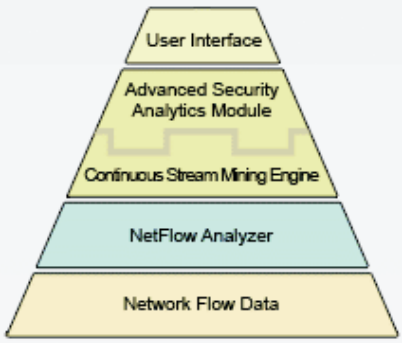
NetFlow Analyzer Advanced Security Analytics

Advanced Security Analytics Module (ASAM)

Advanced Security Analytics Module is a network flow based security analytics and anomaly detection tool that helps in detecting zero-day network intrusions, using the state-of-the-art Continuous Stream Mining Engine™ technology, and classifying the intrusions to tackle network security threats in real time. ASAM offers actionable intelligence to detect a broad spectrum of external and internal security threats as well as continuous overall assessment of network security.

Technical Capabilities



- High throughput & low latency Stream Processing
- Asynchronous and parallel data processing
- Rapid Rules Engine and flexible criteria profiles
- Contextual resource modeling and problem heuristics
- Advanced event correlation and mining algorithms

Problems Detected

DoS
Land Attack Flows, ICMP Request Broadcasts, ICMP Protocol Unreachables...

Bad Src – Dst
Invalid Src-Dst Flows, Non Unicast Source Flows, Excess Multicast Flows...

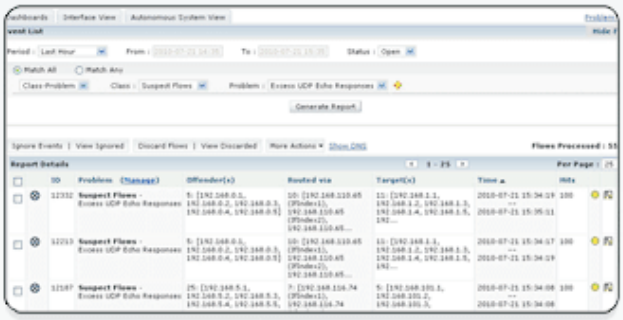
Suspect Flows
Malformed IP Packets, Invalid ToS Flows Malformed TCP Packets...

Future Enhancement
Policy Violations
Behavioral Anomalies
Malwares/Bonets
...

Security Snapshot

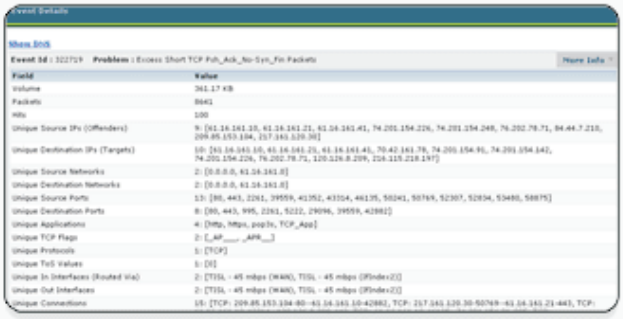
- Continuous Network Security Posture Assessment
- Groups Problems into various Classes
- Plots both spatial and temporal distribution of events

Security Event List Box



- Lists the offenders, targets and routing interfaces involved, and the time of occurrence
- Assigns a unique event id, severity, and status for incident management
- Advanced filtering options for event querying

Event Details Report



- Actionable incident details collation and reporting
- Lists unique hosts, ports, protocol, tcpflags, connections and a lot of other details
- Summarizes the problem and threshold violation involved

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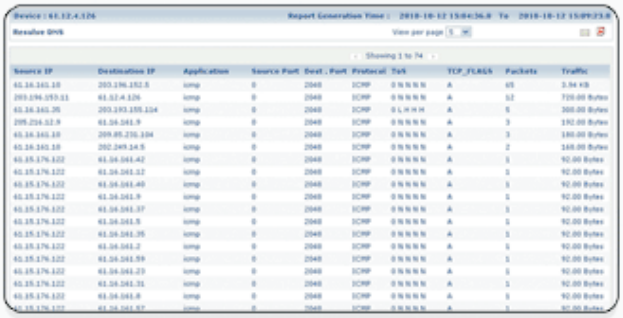
NetFlow Analyzer Advanced Security Analytics

Event Troubleshoot Report

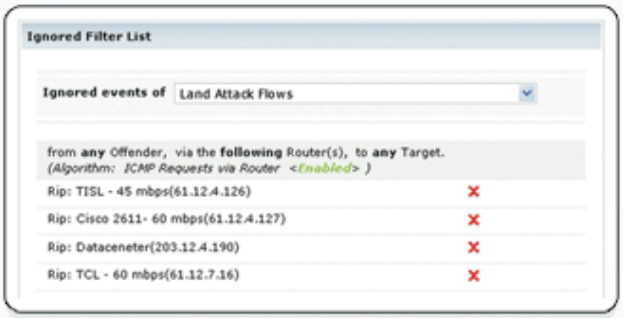


- Ad-hoc forensic investigation and analysis
- Groups flows for quickly discerning patterns
- Segments flows by originating router

Auto Discard Flows

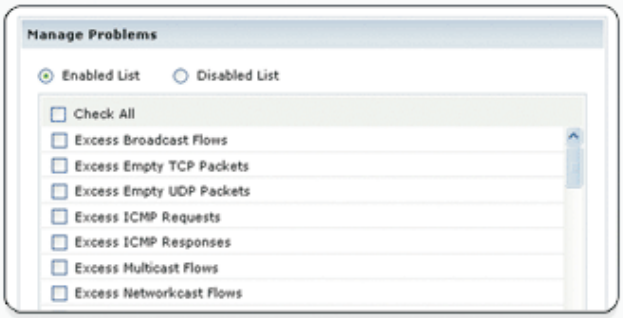
- Whitelist specific flows for specific problems
- Extensive flow filter configuration options
- Consolidated Discard Filter configuration reporting

Auto Ignore Events



- Whitelist specific resources for specific problems
- Option to store ignored events for auditing
- Consolidated Ignore Filter configuration reporting

Custom Problem Management



- Enable/Disable specific problems and algorithms
- Focus on pertinent problems of interest

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Online Demo: http://demo.netflowanalyzer.com

For more information

ManageEngine is an innovative producer of Enterprise IT Management Software, offering high-end functionality of large network management frameworks at cost-effective prices to enterprises world-wide. With more than 40,000 Customers Worldwide, including 3 out of every 5 Fortune 500 companies, ManageEngine is the fastest growing high quality alternative to expensive software that is common in this industry.

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