EmbedWay

ExTAP3240 | Intelligent TAP — QuickSpec

overview

ExTAP3240 is a new intelligent TAP for network data packets featured in high port density, diversified operation mode, flexible deployment and convenient management and maintenance. With excellent adaption to various network environment, it can provide telecommunication data for IDS, Network Protocol Analyzer and Signaling Analyzer in real time as needed.

ExTAP3240 Intelligent TAP provides 8 GE TAP interfaces, calling A/B interfaces, which can be set as Inline mode for directly copying packets between two telecommunication equipments. It provides another 8 GE interfaces, calling C interface, which can be set as data input port or converging output port not only for accepting data from other Gigabit equipments but also for converging packets into back-end data analyzers.

ExTAP3240 Intelligent TAP provides powerful functions of intelligent traffic selection and multi-monitoring, and supports multi-port converging and filtering, and multi-copying output or load balancing distributed output, particularly suitable for complex applications having numerous links, large network traffic and high density. ExTAP3240 exceeds ordinary TAPs to a large extend as combining TAP, filtering analyzer and load balancing device to provide a convenient and efficient data collection solution for network security, protocol analyzing and signaling monitoring.

Highlights

- High port density with 4 pairs of GE interface on TAP, 8 GE for monitoring.
- GE interface for monitoring, enabling the flexible linking to the back-end data analyzers.
- Full-duplex wire-speed traffic copying by using ASIC chip which can copy one flow up to 8 copies for output. No packets lose in the case of full line rate. It keeps your IDS equipments, security audit system, protocol analysis equipments monitoring data completely and effectively, and improves the network quality of service.
- Supports for 802.1Q traffic copying and VLAN packets.

- Powerful function of intelligent traffic selection, enabling classified selection of packets according to various domains including input port id, protocol, IP address and port number
- Flexible multi-monitoring function enabling clustering monitoring, multi-copying monitoring and advanced load balancing distributed output.
- Friendly management interface provides improved interfaces for command line management, WEB page management and SNMP management.
- The cascade deployment and unified management bring convenience for the collaborative work and management of multiple devices.

Application
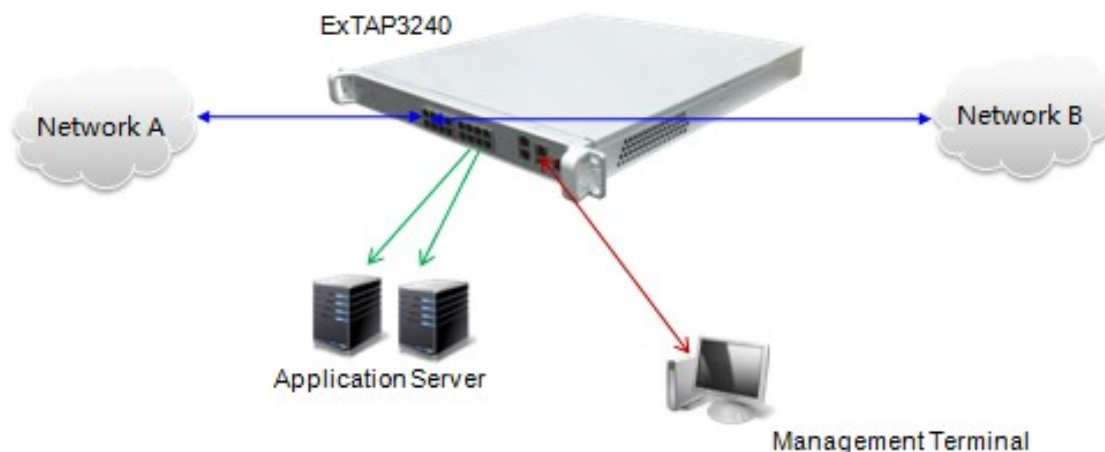
Architecture
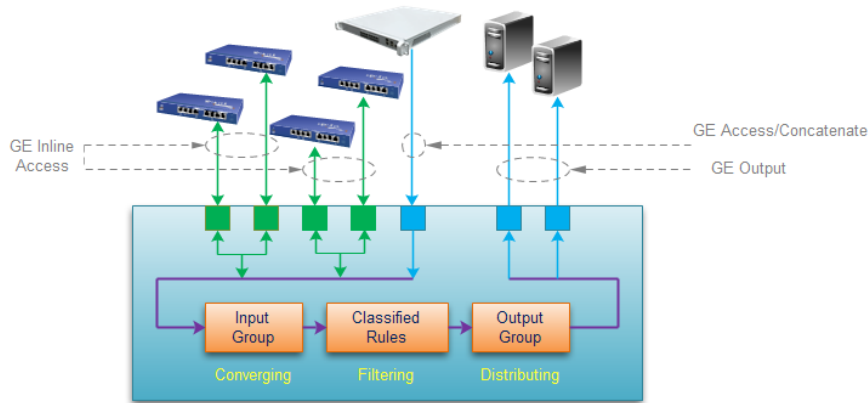
Specification

Feature	Description
Size	Height: 1U; Width: 19 inch
Data Interface	4 pairs of 10/100/1000M Ethernet interfaces(RJ45) for tapping 8 GE for monitoring or concatenating
Management interface	1 10/100M management interface, RJ45 1 standard UART console serial port, RJ45
Management mode	Web page management Access CLI (command line interface) through local serial ports or remote protocols of telnet, rsh, ssh RPC remote call interface
Power	Dual redundant power supplies of DC or AC input.
Power Consumption	Max. 127W
Environment	Operation temperature: 0 to 40℃; Storage temperature: -5 to 70℃; Humidity: 5% to 90%.
Environment	RoHS5

Order Information

Order Number	Description
ExTAP3240A-101	Intelligent TAP Appliance, 1U rack-mount, 8 adaptive GE interfaces (RJ45, 4A4B) for tapping, 8 GE interfaces (RJ45) for monitoring, redundant AC power supply
ExTAP3240D-101	Intelligent TAP Appliance, 1U rack-mount, 8 adaptive GE interfaces (RJ45, 4A4B) for tapping, 8 GE interfaces (RJ45) for monitoring, redundant DC power supply
ExTAP3240A-102	Intelligent TAP Appliance, 1U rack-mount, 8 adaptive GE interfaces (RJ45, 4A4B）for tapping, 8 GE interfaces (SFP, w/o module) for monitoring, redundant AC power supply
ExTAP3240D-102	Intelligent TAP Appliance, 1U rack-mount, 8 adaptive GE interfaces (RJ45, 4A4B) for tapping, 8 GE interfaces (SFP, w/o module) for monitoring, redundant DC power supply