

Centec V550-TAP Series Device

Product Overview

The Centec Series TAP (Test Access Port) is high performance Pizza box switches to meet next generation network visibility requirements, for delivering network traffic data to out-of-band and inline network and security analysis tools. V550 TAP switch is designed based on Centec's fifth generation chipset CTC7148 and software platform CNOS, which supports various of TAP functions, including M: N aggregation and replication, load balancing, tunnel de-encapsulation, traffic filtering and packets editing. In additional, the system offers wide set of capabilities for management needs, as WEB GUI, Open API, SNMP etc. The V550-TAP Series Switches currently include these configurations: V550-24T16Y/V550-24T16X.



Figure 1 Centec V550 Series TAP Switch

Feature Highlights

- Standard 1RU pizza-box solution
- Up to 848Gbps switching capacity
- Cut-Through switching mode
- Flow aggregation / copy / distribution
- Support 1G/10G/25Gports.
- Support packet truncation
- Support VxLAN decryption
- Support GRE/NVGRE encryption and decryption
- Support M:N traffic aggregation and replication.
- Support Ingress and Egress filter.
- Support time stamping and Vlan port tagging
- Support ERSPAN encapsulation
- Support Vxlan encapsulation
- Support to match MPLS packets and support MPLS decapsulation
- Support to match PPPOE packets and support PPPOE decapsulation
- Support to match PBB packets
- Support IPFIX
- Support port-group
- Support UDF
- Support Hash based load balancing, session stickiness
- Support 5-tuple (ipsa, ipda, ip src port, ip dst port, ip protocol), IP truncation analysis, User defined fields(UDF) filtering
- Supports console, Tenlet, SNMP, Syslog, SSH, Open API and WebUI management
- Support to decapsulate the GTP v1/v2 packets from user
- Support to telnet other devices via management interface

- Support to calculate the md5sum of a file
- Support to operate the device with IPv6 address of the management interface
- Support to set the banner of the device
- Support Strip header for all packets
- Support redundant power supply.
- Low power consumption (55W)

Applications

In a data center network, it needs to monitoring, backup and analysis the traffic before and after the firewall; and with the same requirements in the internal network areas. For different business department such as online-banking, authorizing, their traffic also need to be monitoring and backup. In these scenarios, the traffic need to be aggregated and then replicated to various of security, monitoring, storage and analysis servers for furthermore usage.

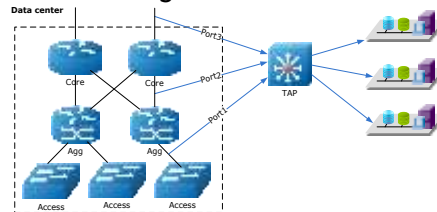


Figure2 Data center application

Order Information

Product Number	Description
V550-24T16Y	Standard 1U 19" rack mountable 24x10/100/1000 Base-T Ports 16x25GE SFP28 Ports Dual modular AC power supply Front-Rear Airflow, 3+1 redundant FAN TAP System Software
V550-24T16X	Standard 1U 19" rack mountable 24x10/100/1000 Base-T Ports 16x10GE SFP+ Ports Dual modular AC power supply Front-Rear Airflow, 3+1 redundant FAN TAP System Software

Table-1 Order Information



Suzhou Centec Communications Co., Ltd.

Suite 4F - 13/16, Building B, No.5 Xing Han Street,
Suzhou Industrial Park, Suzhou, China

TEL: 86-512-62885358

FAX: 86-512-62885870

WEB: <http://www.centecnetworks.com>

MAIL: support@centecnetworks.com