

Product Overview

The Centec Series TAP (Test Access Port) Switches are high performance Pizza box TAP switches to meet next generation Carrier and Enterprise network requirements for traffic analysis and traffic monitoring.

V680 TAP switch supports flexible features of traffic aggregation /filtering /editing/ distributing with chipset CTC8180.

V680-TAP switch comes with Centec's CNOS based system software that supports various TAP functions, including M: N, symmetrical HASH, traffic filtering and packets editing. The system supports multiple management mechanism for rapid and flexible service deployment.

The V680-TAP Series Switches currently include these configurations: V680-32C/V680-48Y8C/V680-48X8C/V680-24X4C.

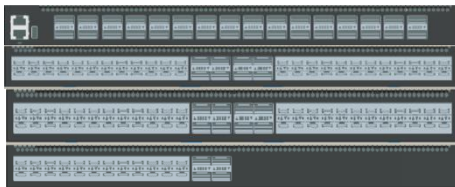


Figure 1 Centec V680 Series TAP Switch

Feature Highlights

- Standard 1RU pizza-box solution
- Up to 6.4Tbps switching capacity
- Cut-Through switching mode
- Flow aggregation / copy / distribution
- 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 UDF
- Support IPFIX
- Support Port-Group
- Support Hash based load balancing, session stickiness
- Support Round Robin style load balancing
- Support 5-tuple (iprsa, ipda, ip src port, ip dst port, ip protocol), IP truncation analysis, User defined fields(UDF) filtering
- Support editing the IPv6SA/IPv6DA/ IPDA/IPSA and MACDA/MACSA and VLAN of packets.
- Support TACAS+ authentication
- Supports console, Tenlet, SNMP, Syslog, SSH, Open API and WebUI management
- Support redundant power supply.
- Low power consumption

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 distributed to kinds of security, monitoring, storage and analysis servers for furthermore usage.

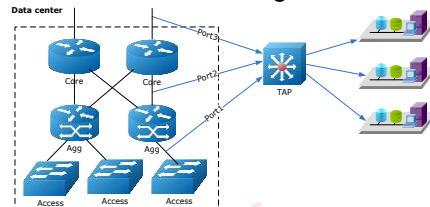


Figure2 Data center application

Order Information

Product	Description
V680-32C	Standard 1U 19" rack mountable 32 x 100GE QSFP28 Ports Modular pluggable FANs Dual Modular pluggable power supplies (Dual AC for default)
V680-48Y8C	Standard 1U 19" rack mountable 48 x 25GE SFP28 Ports 8 x 100GE QSFP28 Ports Modular pluggable FANs Dual Modular pluggable power supplies (Dual AC for default)
V680-48X8C	Standard 1U 19" rack mountable 48 x 10GE SFP+ Ports 8 x 100GE QSFP28 Ports Modular pluggable FANs Dual Modular pluggable power supplies (Dual AC for default)
V680-24Y4C	Standard 1U 19" rack mountable 24 x 25GE SFP28 Ports 4 x 100GE QSFP28 Ports Modular pluggable FANs Dual Modular pluggable power supplies (Dual AC for default)

Table-1 Order Information



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