

## Mhat Functions Does VLAN-VPN Support under S9500 Port Mode

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Under the port mode, the VLAN-VPN supports QinQ and provides two tags to corres pond to the public VLAN and the private VLAN respectively.

QinQ is also known as Double-Tagging, VLAN stacking, NestedVLAN, ServiceVLAN and so on. Namely, it supports double-VLAN tag forwarding. IEEE 802.1ad standard defines that S-TAG(Service VLAN Tag), S-TAG and C-TAG(Customer VLAN Tag) ha ve the same format.

Use of QinQ:

Addresses the shortage of public VLAN ID resource

Enables customers to plan their own VLAN IDs, with running into conflicts with public network VLAN IDs.

Provides a simple Layer 2 VPN solution for small-sized MANs or intranets.