

SYSNET NOTES

System And Networking Notes With Interview Questions

What is Multi VLAN port ?

The multi-VLAN port is a special feature which allows switch for configuring a single port for 2 or more vlans. This feature allows users from different VLANs to access a server or router without implementing InterVLAN routing capability. A multi-VLAN port performs normal switching functions in all its assigned VLANs.

multi-VLAN port will not work when a trunk is configured on the switch. Multi-VLAN can't be used to connect between switches. Multi-VLAN port only used to connect a router or server. The switch automatically transitions to VTP transparent mode when the multi-VLAN port feature is enabled, making the VTP disabled.

The multi-VLAN port feature is supported only on the Catalyst 2900 XL/3500 XL series switches. This feature is not supported on the Catalyst 4000/5000/6000 series or any other Cisco Catalyst switches.

Configuration

Switch(config-if)# switchport mode multi

To assign a multi-VLAN port already in multi mode to a range of VLANs:

Switch(config-if)# switchport multi vlan 15-20

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- [How to configure Private VLAN](#)
- [VLAN Trunking Protocol \(VTP\) explained with Interview Questions](#)
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- [How to Configure Protected Ports \(Switching\)](#)