

# SYSNET NOTES

*System And Networking Notes With Interview Questions*

## How to enable "Routed Ports" on Layer3 Switches

By default routing is disabled in layer 3 switches. We can enable it globally using "**IP routing**" command. To enable routing in specific interface, type "**no switchport**" command and put an IP address on it.

### Configuration

*Switch(config)#interface fa0/16*

*Switch(config-if)#no switchport*

*Switch(config-if)#ip address 192.168.10.254 255.255.255.0*

This ports can be used by the computers as a gateway.

### There are two things you should remember about the routed port:

- It's no longer a switchport so it's not associated with any VLAN.
- It's a routed port but it doesn't support sub-interfaces like a router does.