VLAN

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Optical Network Unit



https://www.sys2u.online/KB/MikroTik/ylan+unifi/3wan-to-4ylan+4ssid.png



https://www.nvk.co.th/uploads/article/VLAN/V005.PNG

Network Diagram – Lab VLAN + VLSM



192.168.1.0/24

VLAN 20Admin50HostVLAN 30Officer125HostVLAN 40Engineer5Host



192.168.1.0/24

VLAN 20	Admin 50 Host	/25
VLAN 30	Officer 125 Host	/26
VLAN 40	Engineer 5 Host	/29
VLAN 20	192.168.1.128/26	
VLAN 30	192.168.1.0/25	
VLAN 40	192.168.1.192/29	



VLAN

1. Config Trunk Port

2. Create VLAN

3. Add Port To VLAN





1. Config Trunk Port

sw1(config)#interface Fa0/1

sw1(config-if)#switchport trunk encapsulation dot1q
sw1(config-if)#switchport mode trunk

sw1#show interfaces trunk

2. Create VLAN

sw1(config)#vlan 20
sw1(config-vlan)#name Admin
sw1(config-vlan)#vlan 30
sw1(config-vlan)#name Officer
sw1(config-vlan)#vlan 40
sw1(config-vlan)#name Engineer

sw1#show vlan



3. Add Port To VLAN

sw1(config)#interface Fa0/2
sw1(config-if)#switchport mode access
sw1(config-if)#switchport access vlan 20
sw1(config-if)#interface Fa0/3
sw1(config-if)#switchport mode access
sw1(config-if)#switchport access vlan 30

sw1#show vlan

