

SWITCH#1 configer as server mode:::::::::::::::::::

SWITCH#1(config)#vtp mode server

SWITCH#1(config)#vtp domain cisco

SWITCH#1(config)#vtp password class

Create VLAN in SWITCH#1::::::::::::::::::::::::::::

SWITCH#1(config)#vlan 10

SWITCH#1(config-vlan)#name student

SWITCH#1(config-vlan)#vlan 20

SWITCH#1(config-vlan)#name teacher

SWITCH#1(config-vlan)#vlan 30

SWITCH#1(config-vlan)#name HR

SWITCH#1(config-vlan)#vlan 99

SWITCH#1(config-vlan)#name native

SWITCH#1(config-vlan)#exit

SWITCH#1(config)#exit

SWITCH#1# show vlan

Assigning Port to VLAN in SWITCH#1:::::::::::::::::

SWITCH#1(config)#int fastEthernet 0/15

SWITCH#1(config-if)#switchport mode trunk

SWITCH#1(config-if)#switchport trunk native vlan 99

SWITCH#1(config-if)#switchport trunk allowed vlan 10,20,30

SWITCH#1(config-if-range)#exit

SWITCH#1(config)#int fastEthernet 0/16

SWITCH#1(config-if)#switchport mode trunk

SWITCH#1(config-if)#switchport trunk native vlan 99

SWITCH#1(config-if)#switchport trunk allowed vlan 10,20,30

SWITCH#1(config-if-range)#exit

SWITCH#2 configer as client mode:::::::::::::::::::

SWITCH#2(config)#vtp mode client

SWITCH#2(config)#vtp domain cisco

SWITCH#2(config)#vtp password class

Create VLAN in SWITCH#2:::::::::::::::::::::::::::

SWITCH#2(config)#vlan 10

SWITCH#2(config-vlan)#name student

SWITCH#2(config-vlan)#vlan 20

SWITCH#2(config-vlan)#name teacher

SWITCH#2(config-vlan)#vlan 30

SWITCH#2(config-vlan)#name HR

SWITCH#2(config-vlan)#vlan 99

SWITCH#2(config-vlan)#name native

SWITCH#2(config-vlan)#exit

Assigning Port to VLAN in SWITCH#2::::::::::::::::

SWITCH#2(config)#interface range fastEthernet 0/1-f0/2

SWITCH#2(config-if-range)#switchport mode access

SWITCH#2(config-if-range)#switchport access vlan 10

SWITCH#2(config-if-range)#exit

[**or can write as**

SWITCH#2(config)#interface f 0/1

SWITCH#2(config-if-range)#switchport mode access

SWITCH#2(config-if-range)#switchport access vlan 10

SWITCH#2(config)#interface f 0/2

SWITCH#2(config-if-range)#switchport access vlan 10

SWITCH#2(config-if-range)#exit]

SWITCH#2(config)#interface range fastEthernet 0/3-f0/4

SWITCH#2(config-if-range)#switchport mode access

SWITCH#2(config-if-range)#switchport access vlan 20

SWITCH#2(config-if-range)#exit

SWITCH#2(config)#interface range fastEthernet 0/5-f0/6

SWITCH#2(config-if-range)#switchport mode access

SWITCH#2(config-if-range)#switchport access vlan 30

SWITCH#2(config-if-range)#exit

SWITCH#2(config)#int fastEthernet 0/15

SWITCH#2(config-if)#switchport mode trunk

SWITCH#2(config-if)#switchport trunk native vlan 99

SWITCH#2(config-if)#switchport trunk allowed vlan 10,20,30

SWITCH#2(config-if-range)#exit

SWITCH#3 configer as client mode::::::::::::::::::

SWITCH#3(config)#vtp mode client

SWITCH#3(config)#vtp domain cisco

SWITCH#3(config)#vtp password class

Create VLAN in SWITCH#3:::::::::::::::::::::::::::

SWITCH#3(config)#vlan 10

SWITCH#3(config-vlan)#name student

SWITCH#3(config-vlan)#vlan 20

SWITCH#3(config-vlan)#name teacher

SWITCH#3(config-vlan)#vlan 30

SWITCH#3(config-vlan)#name HR

SWITCH#3(config-vlan)#vlan 99

SWITCH#3(config-vlan)#name native

SWITCH#3(config-vlan)#exit

Assigning Port to VLAN in SWITCH#3::::::::::::::::

SWITCH#3(config)#interface range fastEthernet 0/1-f0/2

SWITCH#3(config-if-range)#switchport mode access

SWITCH#3(config-if-range)#switchport access vlan 10

SWITCH#3(config-if-range)#exit

SWITCH#3(config)#interface range fastEthernet 0/3-f0/4

SWITCH#3(config-if-range)#switchport mode access

SWITCH#3(config-if-range)#switchport access vlan 20

SWITCH#3(config-if-range)#exit

SWITCH#3(config)#interface range fastEthernet 0/5-f0/6

SWITCH#3(config-if-range)#switchport mode access

SWITCH#3(config-if-range)#switchport access vlan 30

SWITCH#3(config-if-range)#exit

SWITCH#3(config)#int fastEthernet 0/16

SWITCH#3(config-if)#switchport mode trunk

SWITCH#3(config-if)#switchport trunk native vlan 99

SWITCH#3(config-if)#switchport trunk allowed vlan 10,20,30

SWITCH#3(config-if-range)#exit