

```
!!! on all machines
conf t
vlan 10
name Faculty/Staff
vlan 20
name Students
vlan 30
name Guest(Default)
vlan 99
name Management&Native
end
!!! on all switches
conf t
interface FastEthernet 0/1
switchport mode trunk
switchport trunk native vlan 99
interface FastEthernet 0/3
switchport mode trunk
switchport trunk native vlan 99
end

!!!on s2 and s3
conf t
interface fastEthernet 0/6
switchport mode access
switchport access vlan 30
interface fastEthernet 0/11
switchport mode access
switchport access vlan 10
interface fastEthernet 0/18
switchport mode access
switchport access vlan 20
end
```