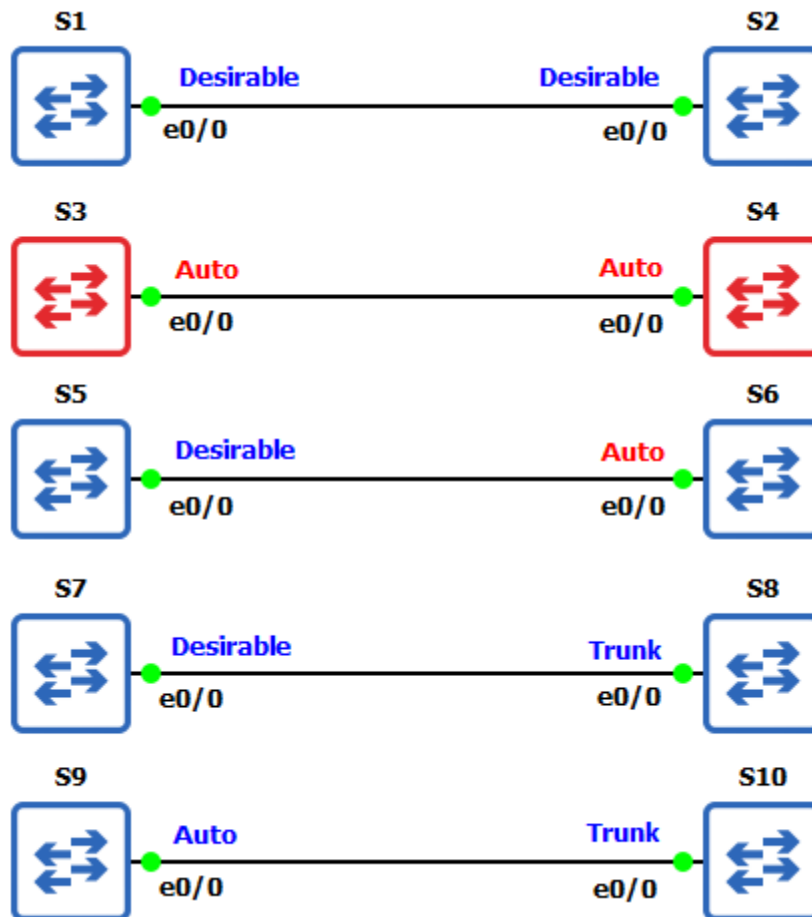


DTP LAB Time:



Both Switches Dynamic Desirable	
S1(config)#interface e0/0	
S1(config-if)#switchport mode dynamic desirable	
S1#show interfaces trunk	
S2(config)#interface e0/0	
S2(config-if)#switchport mode dynamic desirable	
S2#show interfaces trunk	

S1#show interfaces trunk

Port	Mode	Encapsulation	Status	Native vlan
Et0/0	desirable	n-isl	trunking	1

S2#show interfaces trunk

Port	Mode	Encapsulation	Status	Native vlan
Et0/0	desirable	n-isl	trunking	1

Both Switches Dynamic Auto

```
S3(config)#interface e0/0  
S3(config-if)#switchport mode dynamic auto
```

```
S3#show interfaces trunk  
S3#show interfaces e0/0 switchport
```

```
S4(config)#interface e0/0  
S4(config-if)#switchport mode dynamic auto
```

```
S4#show interfaces trunk  
S4#show interfaces e0/0 switchport
```

```
S3#show interfaces e0/0 switchport  
Name: Et0/0  
Switchport: Enabled  
Administrative Mode: dynamic auto  
Operational Mode: static access  
Administrative Trunking Encapsulation: negotiate  
Operational Trunking Encapsulation: native  
Negotiation of Trunking: On
```

```
S4#show interfaces e0/0 switchport  
Name: Et0/0  
Switchport: Enabled  
Administrative Mode: dynamic auto  
Operational Mode: static access  
Administrative Trunking Encapsulation: negotiate
```

S5 Dynamic Desirable & S6 Dynamic Auto

```
S5(config)#interface e0/0  
S5(config-if)#switchport mode dynamic desirable
```

```
S5#show interfaces trunk  
S5#show interfaces e0/0 switchport
```

```
S6(config)#interface e0/0  
S6(config-if)#switchport mode dynamic auto
```

```
S6#show interfaces trunk  
S6#show interfaces e0/0 switchport
```

```
S5#show interfaces trunk
```

Port	Mode	Encapsulation	Status	Native vlan
Et0/0	desirable	n-isl	trunking	1

```
S6#show interfaces trunk
```

Port	Mode	Encapsulation	Status	Native vlan
Et0/0	auto	n-isl	trunking	1

S7 Dynamic Desirable & S8 Trunk

```
S7(config)#interface e0/0
S7(config-if)#switchport mode dynamic desirable
S7#show interfaces trunk
S7#show interfaces e0/0 switchport
S8(config)#interface e0/0
S8(config-if)#switchport trunk encapsulation dot1q
S8(config-if)#switchport mode trunk
S8#show interfaces trunk
S8#show interfaces e0/0 switchport
```

s7#show interfaces trunk

Port	Mode	Encapsulation	Status	Native vlan
Et0/0	desirable	n-802.1q	trunking	1

s8#show interfaces trunk

Port	Mode	Encapsulation	Status	Native vlan
Et0/0	on	802.1q	trunking	1

S9 Dynamic Auto & S10 Trunk

```
S9(config)#interface e0/0
S9(config-if)#switchport mode dynamic auto
S9#show interfaces trunk
S9#show interfaces e0/0 switchport
S10(config)#interface e0/0
S10(config-if)#switchport trunk encapsulation dot1q
S10(config-if)#switchport mode trunk
S10#show interfaces trunk
S10#show interfaces e0/0 switchport
```

s9#show interfaces trunk

Port	Mode	Encapsulation	Status	Native vlan
Et0/0	auto	n-802.1q	trunking	1

s10#show interfaces trunk

Port	Mode	Encapsulation	Status	Native vlan
Et0/0	on	802.1q	trunking	1