Ethernet Channels

Switch 1

```
config t
int range f0/1-2
switchport mode trunk
channel-group 1 mode active
speed 100

end

config t
int port-channel 1
switchport mode trunk
```

Switch 2

```
config t
int range f0/1-2
switchport mode trunk
channel-group 1 mode passive
speed 100

end

config t
int port-channel 1
switchport mode trunk
```

Check your Ethernet Channels

```
show interfaces port-channel 1
```

```
Switch#show interfaces port-channel 1
Port-channel1 is up, line protocol is up (connected)
 Hardware is EtherChannel, address is 0002.17ed.561b (bia 0002.17ed.561b)
 MTU 1500 bytes, BW 200000 Kbit, DLY 1000 usec,
    reliability 255/255, txload 1/255, rxload 1/255
 Encapsulation ARPA, loopback not set
 Keepalive set (10 sec)
 Half-duplex, 200Mb/s
 input flow-control is off, output flow-control is off
 Members in this channel: Fa0/1 ,Fa0/2 ,
 ARP type: ARPA, ARP Timeout 04:00:00
```

```
Last input 00:00:08, output 00:00:05, output hang never
Last clearing of "show interface" counters never
Input queue: 0/75/0/0 (size/max/drops/flushes); Total output drops: 0
Queueing strategy: fifo
Output queue :0/40 (size/max)
5 minute input rate 0 bits/sec, 0 packets/sec
5 minute output rate 0 bits/sec, 0 packets/sec
   956 packets input, 193351 bytes, 0 no buffer
   Received 956 broadcasts, 0 runts, 0 giants, 0 throttles
   0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
   0 watchdog, 0 multicast, 0 pause input
   0 input packets with dribble condition detected
   2357 packets output, 263570 bytes, 0 underruns
   0 output errors, 0 collisions, 10 interface resets
   0 babbles, 0 late collision, 0 deferred
   0 lost carrier, 0 no carrier
   0 output buffer failures, 0 output buffers swapped out
```


Fa0/1
Fa0/2
2960-24TT
Switch0

Fa0/1
Fa0/2
2960-24TT
Switch1