

## Building 1

VLAN	Name	Status	Ports
1	default	active	
10	IT	active	Gi1/0/4
20	CustomerSupport	active	Gi1/0/5, Gi1/0/7
30	Sales&Marketing	active	
40	SystemAdmin	active	
50	HR&Accounting	active	
60	Purchasing	active	
70	Management	active	
80	Legal	active	
999	ParkingLot	active	Gi1/0/6, Gi1/0/8, Gi1/0/9 Gi1/0/10, Gi1/0/11, Gi1/0/12 Gi1/0/13, Gi1/0/14, Gi1/0/15 Gi1/0/16, Gi1/0/17, Gi1/0/18 Gi1/0/19, Gi1/0/20, Gi1/0/21 Gi1/0/22, Gi1/0/23, Gi1/0/24 Gi1/1/1, Gi1/1/2, Gi1/1/3 Gi1/1/4, Ap1/0/1
1000	Native	active	
1002	fddi-default	act/unsup	
1003	token-ring-default	act/unsup	

VLAN	Name	Status	Ports
1004	fddinet-default	act/unsup	
1005	trnet-default	act/unsup	

Building\_1#

Building\_1#show interfaces trunk

Port	Mode	Encapsulation	Status	Native vlan
Gi1/0/1	on	802.1q	trunking	1000
Po1	on	802.1q	trunking	1000

Port	Vlans allowed on trunk
Gi1/0/1	10,20,30,40,50,60,70,80,1000
Po1	10,20,30,40,50,60,70,80,1000

Port	Vlans allowed and active in management domain
Gi1/0/1	10,20,30,40,50,60,70,80,1000
Po1	10,20,30,40,50,60,70,80,1000

Port	Vlans in spanning tree forwarding state and not pruned
Gi1/0/1	10,20,30,40,50,60,70,80,1000
Po1	10,20,30,40,50,60,70,80,1000

Building\_1#

```

Building_1#show etherchannel summ
Building_1#show etherchannel summary
Flags: D - down P - bundled in port-channel
       I - stand-alone s - suspended
       H - Hot-standby (LACP only)
       R - Layer3 S - Layer2
       U - in use f - failed to allocate aggregator

       M - not in use, minimum links not met
       u - unsuitable for bundling
       w - waiting to be aggregated
       d - default port

       A - formed by Auto LAG

Number of channel-groups in use: 1
Number of aggregators: 1

Group Port-channel Protocol Ports
-----+-----+-----+-----
1 Po1(SU) LACP Gi1/0/2(P) Gi1/0/3(P)

Building_1#
Building_1#show etherchannel port-channel
Channel-group listing:
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Group: 1
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Port-channels in the group:
-----

Port-channel: Po1 (Primary Aggregator)
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Age of the Port-channel = 0d:03h:01m:23s
Logical slot/port = 27/1 Number of ports = 2
HotStandBy port = null
Port state = Port-channel Ag-Inuse
Protocol = LACP
Port security = Disabled
Fast-switchover = disabled
Fast-switchover Dampening = disabled

Ports in the Port-channel:

Index Load Port EC state No of bits
-----+-----+-----+-----+-----
0 00 Gi1/0/2 Active 0
0 00 Gi1/0/3 Active 0

Time since last port bundled: 0d:02h:51m:16s Gi1/0/3

Building_1#

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Building 2

Building\_2#show vlan brief

VLAN	Name	Status	Ports
1	default	active	
10	IT	active	
20	CustomerSupport	active	
30	Sales&Marketing	active	
40	SystemAdmin	active	Gi1/0/5
50	HR&Accounting	active	Gi1/0/7
60	Purchasing	active	Gi1/0/9
70	Management	active	
80	Legal	active	
999	ParkingLot	active	Gi1/0/1, Gi1/0/4, Gi1/0/6 Gi1/0/8, Gi1/0/10, Gi1/0/11 Gi1/0/12, Gi1/0/13, Gi1/0/14 Gi1/0/15, Gi1/0/16, Gi1/0/17 Gi1/0/18, Gi1/0/19, Gi1/0/20 Gi1/0/21, Gi1/0/22, Gi1/0/23 Gi1/0/24, Gi1/1/1, Gi1/1/2 Gi1/1/3, Gi1/1/4, Apl/0/1
1000	Native	active	
1002	fddi-default	act/unsup	
1003	token-ring-default	act/unsup	
VLAN	Name	Status	Ports
1004	fddinet-default	act/unsup	
1005	trnet-default	act/unsup	

Building\_2#

Building\_2#show interfaces trunk

Port	Mode	Encapsulation	Status	Native vlan
Port Po1	on	802.1q	trunking	1000
Port Po1	Vlans allowed on trunk 10,20,30,40,50,60,70,80,1000			
Port Po1	Vlans allowed and active in management domain 10,20,30,40,50,60,70,80,1000			
Port Po1	Vlans in spanning tree forwarding state and not pruned 10,20,30,40,50,60,70,80,1000			

Building\_2#

```

Building_2#show etherchannel summary
Flags:  D - down          P - bundled in port-channel
        I - stand-alone  S - suspended
        H - Hot-standby (LACP only)
        R - Layer3       S - Layer2
        U - in use       f - failed to allocate aggregator

        M - not in use, minimum links not met
        u - unsuitable for bundling
        w - waiting to be aggregated
        d - default port

        A - formed by Auto LAG

```

```

Number of channel-groups in use: 1
Number of aggregators:          1

```

Group	Port-channel	Protocol	Ports
1	Po1<SU>	LACP	Gi1/0/2<P> Gi1/0/3<P>

Building\_2#

```

Building_2#show etherchannel port-channel
Channel-group listing:

```

Group: 1

Port-channels in the group:

Port-channel: Po1 <Primary Aggregator>

```

Age of the Port-channel = 0d:02h:59m:22s
Logical slot/port = 27/1      Number of ports = 2
HotStandBy port = null
Port state = Port-channel Ag-Inuse
Protocol = LACP
Port security = Disabled
Fast-switchover = disabled
Fast-switchover Dampening = disabled

```

Ports in the Port-channel:

Index	Load	Port	EC state	No of bits
0	00	Gi1/0/2	Active	0
0	00	Gi1/0/3	Active	0

Time since last port bundled: 0d:02h:59m:20s Gi1/0/3

Building\_2#