Building 1

```
ULAN Name
                                                                                      Status
                                                                                                              Ports
                                                                                      active
active
active
active
active
active
           def au 1t
          Grant
IT
CustomerSupport
Sales&Marketing
SystemAdmin
HR&Accounting
Purchasing
                                                                                                              Gi1/0/4
Gi1/0/5, Gi1/0/7
10
20
30
40
50
70
89
999
           Purchasing
                                                                                       active
active
          Management
Legal
ParkingLot
                                                                                                             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
                                                                                       active
1000 Native
1002 fddi-default
1003 token-ring-default
                                                                                       active
                                                                                       act/unsup
act/unsup
ULAN Name
                                                                                       Status
                                                                                                              Ports
1004 fddinet-default
1005 trnet-default
Building_1#
                                                                                       act/unsup
                                                                                       act/unsup
                                                                                             and the same
Building_1#show interfaces trunk
                                                                                                                 Status
trunking
trunking
Port
Gi1/0/1
                                    Mode
                                                                             Encapsulation
802.1q
802.1q
                                                                                                                                                     Native vlan
1000
                                                                                                                                                     1000
                                   Vlans allowed on trunk
10,20,30,40,50,60,70,80,1000
10,20,30,40,50,60,70,80,1000
Port
Gi1/0/1
                                   Vlans allowed and active in management domain 10,20,30,40,50,60,70,80,1000 10,20,30,40,50,60,70,80,1000
Port
Gi1/0/1
Po1
                                   Vlans in spanning tree forwarding state and not pruned 10,20,30,40,50,60,70,80,1000 10,20,30,40,50,60,70,80,1000
Gi1/0/1
```

```
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:
Group Port-channel Protocol
                                        Ports
        Po1(SU)
                                          Gi1/0/2(P)
                                                             Gi1/0/3(P)
                            LACP
Building_1#
Building_1#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:03h:01m:23s
Logical slot/port
                             = 27/1
                                                     Number of ports = 2
HotStandBy port = null
                             = Port-channel Ag-Inuse
Port state
                                  LACP
Protoco1
                             = Disabled
Port security
Fast-switchover
                             = disabled
Fast-switchover Dampening = disabled
Ports in the Port-channel:
Index
           Load
                      Port
                                        EC state
                                                               No of bits
                      Gi1/0/2
           00
                                            Active
                                                                        Ø
  Ø
                      Gi1/0/3
                                                                        9
           00
                                            Active
Time since last port bundled:
                                                0d:02h:51m:16s
                                                                            Gi1/0/3
Building 1#
```

Builo	ling_2#shov	vlan brief				
JLAN	Name		Status	Ports		
1	default		active			
10	ΙT		active			
20	CustomerSupport		active			
20 40 50 50 70	Sales&Marketing		active			
40	SystemAdmin		active	Gi1/0/5		
50	HR&Account		active	Gi1/0/7		
5 Ø	Purchasing		active	Gi1/0/9		
70	Management		active			
80	Legal		active		14 .0 .4 .014 .0 .6	
999	ParkingLot	5	active		i1/0/4, Gi1/0/6	
				G11/0/8, G	i1/0/10, Gi1/0/11	
				G11/0/12,	Gi1/0/13, Gi1/0/14	
				G11/U/15,	Gi1/0/16, Gi1/0/17	
				G11/U/18,	Gi1/0/19, Gi1/0/20 Gi1/0/22, Gi1/0/23	
					Gi1/1/1, Gi1/1/2	
					i1/1/4, Ap1/0/1	
1 000	0 Native 2 fddi–default 3 token–ring–default		active	d11/1/3, d	11/1/4, прі/0/1	
			act/unsur			
				act/unsup		
	7011011 I III;	,	asor ansa			
JLAN	Name		Status	Ports		
	fddinet-de		act/unsur	act/unsup		
	005 trnet-default uilding 2#			•		
		w interfaces tru	nk			
Port		Mode	Encapsulation	Ctatus	Native vlan	
Port		on	802.1g	trunking	1000	
101		on	002.1q	Cranking	1000	
Port	Ulans allowed on trunk					
Po1						
Port		Vlans allowed and active in management domain				
Po1		10,20,30,40,50,60,70,80,1000				
Port		Ulans in spanning tree forwarding state and not pruned				
Po1	1 _ 10,20,30,40,50,60,70,80,1000					
Buil:	ding_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
          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
HotStandBy port = null
                                                            Number of ports = 2
                                = Port-channel Ag-Inuse
= LACP
= Disabled
= disabled
Port state
Protoco1
Port security
Fast-switchover
Fast-switchover Dampening = disabled
Ports in the Port-channel:
             Load
                         Port
Index
                                             EC state
                                                                       No of bits
                                                                                 9
             00
00
                         Gi1/0/2
Gi1/0/3
                                                  Active
                                                  Active
Time since last port bundled:
                                                       0d:02h:59m:20s
                                                                                      Gi1/0/3
Building_2#
```