

01-4f EtherChannels

Choose The Correct Command

X	channel-group 1 mode on
	etherchannel 1 mode on
	port-channel 1 mode on

	show interfaces channel-group 1
	show interfaces etherchannel 1
X	show interfaces port-channel 1

	show channel-group 1 summary
X	show etherchannel 1 summary
	show port-channel 1 summary

Interface Settings That Must Match for EtherChannel

	Within Switch	Opposite Ends
EtherChannel Channel Group Number	•	
Access / Trunk	•	•
Access VLAN (if access mode)	•	•
Trunk Native VLAN (if trunk)	•	•
Trunk Allowed VLANs (if trunk)	•	•
STP Interface Settings	•	
Interface Speed & Duplex	•	•

Dynamic EtherChannel Protocols (Check all that Apply)

	PAgP	LACP
Uses Keyword "Passive"		•
Uses Keyword "Auto"	•	
Uses Keyword "Active"		•
Uses Keyword "Desirable"	•	
Uses Keyword "On"		
Cisco Protocol	•	
IEEE 802.3ad		•

Forms an EtherChannel (Say PAgP, LACP, or "—" for doesn't form one)

	Active	Auto	Desirable	On	Passive
Active	LACP	—	—	—	LACP
Auto	—	—	PAgP	—	—
Desirable	—	PAgP	PAgP	—	—
On	—	—	—	Manual	—
Passive	LACP	—	—	—	—