

### VTP

VTP Domain:	<b>vtp domain <i>domainName</i></b>
VTP Mode:	<b>vtp mode <i>mode</i></b> (Modes: server, client, transparent)
VTP Password:	<b>vtp password <i>password</i></b>
Show status:	<b>show vtp status</b>

### PAgP

Select an interface range to group:	<b>interface range <i>startInterface - endInterface</i></b>
Set the range into a group:	<b>channel-group <i>number mode mode</i></b> (modes: desirable, auto)
Activate range:	<b>no shutdown</b>
Access port-group:	<b>interface port-channel <i>port-group number</i></b> With PAgP you can now enter your switchport commands to configure the link to your liking
Show commands:	<b>show run interface <i>interface</i></b>  <b>show interfaces <i>interface</i> switchport</b>  <b>show etherchannel summary</b>

### DTP

Select interface:	<b>interface <i>interface</i></b>
Switchport mode:	<b>switchport mode <i>mode</i></b> (Modes: trunk, access, dynamic desirable/auto)
Show trunking config:	<b>show interfaces trunk</b>

### LACP

Interface range:	<b>interface range <i>startInt. - endInt.</i></b>
Switchport commands:	<b>switchport mode <i>mode</i></b> With LACP you first need to configure the links before bundeling
Set group:	<b>channel-group 2 mode <i>mode</i></b> (modes: auto, passive)

### VLAN

Create VLAN:	<b>vlan <i>number</i></b>
Name VLAN:	<b>name <i>VLANname</i></b>
Assign Port to VLAN:	<b>switchport access vlan <i>number</i></b>
Create SVI (Switch Virtual Interface):	<b>interface vlan <i>number</i></b> <b>ip address <i>ip subnetmask</i></b>



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