

## Scaling VLANS\_EtherChannel Cheat Sheet by hanslissi via cheatography.com/100609/cs/21101/

VTP Config	
vtp domain <domain></domain>	Sets the vtp domain of the switch.
vtp mode <server client - transparent&gt;</server client - 	Sets the vtp mode to either server, client or transparent.
vtp password <passw- ord&gt;</passw- 	Sets the vtp password of the switch.

VTP Verification	
show vtp status	shows current vtp status (with Revision number, vtp mode,)
show vtp password	shows vtp password

DTP Config	
switchport mode <trunk access d-< th=""><th>Sets the port mode to</th></trunk access d-<>	Sets the port mode to
ynamic desirable dynamic auto>	either trunk, access,
show dtp interface <interface></interface>	

Switchport commands	
show interfaces trunk	Shows all trunk ports, what the native vlan of the port is,
show interfaces <interface> switchport</interface>	shows all switchport info of interface.
switchport trunk native vlan <number></number>	sets the native vlan of the selected interface

VLAN config	
vlan <number></number>	creates a clan
name <name></name>	After vlan created the name can be set
show vlan [brief   id <vl-an-id>]</vl-an-id>	shows the vlan. brief is a summary.
interface vlan <numbe-r></numbe-r>	creates a SVI where you can set a IP address
encapsulation dot1q <vlan-number></vlan-number>	Router command. Sets encapsulation (used for subinterfaces)

Ether Channel	
interface range < range>	selects multiple interfaces.
channel-group <number> mode <desirable auto active,passive></desirable auto active,passive></number>	creates the ether channel for the interface range selected.
interface port-channel <number></number>	selects the ether channel to set the switchport mode,
show etherchannel summary	shows ether channel related

Ether Channel sign	
-A	A
A	В
С	D
E	F
G	Н
I	J
K	L

DTP Behaviour	
-	-
-	-
-	-
-	-
-	-
-	-

Other Commands	
show ip route	Shows routing table



By **hanslissi** cheatography.com/hanslissi/

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