Cheatography

EtherChannel & VTP Cheat Sheet

by bausac16 via cheatography.com/100632/cs/21106/

Basic configuration

no ip domain-lookup

hostname [hostname]

service password-encryption

banner motd #Unauthorized access to this device is prohibited!#

enable secret class

line console 0

line vty 0 15

password cisco

This is just basic configuration and has nothing to do with vtp or etherchannel

VTP commands

vtp domain [domain]	Set (change) the vtp domain
vtp mode [server|client|transparent]	Set vtp mode
vtp password [password]	Set vtp password
show vtp status	Verification command concerning vtp

Show vtp status also shows the revision number of a certain switch.

Etherchannel

interface range f0/[number-number]	Enters the interface configuration mode for a couple interfaces
channel-group 1 mode [mode]	Adds the current "selected" ports to etherchannel 1
interface port-channel [number]	Enters the configuration mode for a specific etherchannel
switchport mode trunk	Sets the switchport
switchport trunk native vlan 99	Specifies the port's native VLAN

An etherchannel summarizes a few physical cables to one logical cable and speeds up the entire process of data transmission -> 4 cables -> 3.9 times faster

DTP commands

interface f0/1	Enters interface configuration mode for f0/1
switchport mode [mode]	Sets mode
show interfaces trunk	Verification command concerning dtp

Link Aggregation

interface range f0/[number-number]	Enters the interface configuration mode for a couple interfaces
switchport mode trunk	Sets the switchport
switchport trunk native vlan	Specifies the port's native VLAN
channel-group [number] mode [mode]	Adds the current "selected" ports to etherchannel 1

Is the same as etherchannel, but all devices can use it, so it's not cisco only.

VLAN commands

vlan [number]	Creates vlan with a certain number and automatically enters vlan configuration mode
name [name]	Give the vlan a specific name
show vlan brief	Verify your configuration

By default all interfaces are in vlan 1

By **bausac16**
cheatography.com/bausac16/

Published 12th November, 2019.
Last updated 12th November, 2019.
Page 1 of 1.

Sponsored by **ApolloPad.com**
Everyone has a novel in them. Finish Yours!
https://apollopad.com