

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 mode

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 mode

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



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