

### 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



By **bausac16**  
[cheatography.com/bausac16/](https://cheatography.com/bausac16/)

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