VLAN Command List

To configure a simple VLAN, first create the VLAN, and then assign ports to that VLAN. The following table shows common VLAN configuration commands:

Command	Action
`switch(config)#vlan [1-1005]` `switch(config-vlan)#name [unique_name]`	Defines a VLAN Gives the VLAN a name Naming the VLAN is optional. VLAN names must be unique.
`switch(config)#no vlan [1-1005]`	Deletes a VLAN When you delete a VLAN, all ports assigned to the VLAN remain associated with the deleted VLAN and are therefore inactive. After a VLAN is deleted, you must reassign the ports to an appropriate VLAN.
`switch(config-if)#switchport access vlan [1-1005]`	Assigns ports to the VLAN If you assign a port to a VLAN that does not exist, the VLAN will be created automatically.
`switch#show vlan` `switch#show vlan brief`	Shows a list of VLANs on the system
`switch#show vlan id [1-1005]`	Shows information for a specific VLAN

The following commands create VLAN 12 named IS_VLAN, identifies port 0/12 as having only workstations attached to it, and assigns the port to VLAN 12.

```
switch#config t
switch(config)#vlan 12
switch(config-vlan)#name IS_VLAN
switch(config-vlan)#interface fast 0/12
switch(config-if)#switchport access vlan 12
```