6.4.4 VLAN Command List

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

Command	Action
switch(config)#vlan *[1-4094]* 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 *[1-4094]*	Deletes a VLAN. When you delete a VLAN, all ports assigned to the deleted VLAN remain associated with it and are therefore inactive. After a VLAN is deleted, you must reassign its ports to an appropriate VLAN.
switch(config-if)#switchport access vlan *[1-4094]*	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 *[1-4064]*	Shows information for a specific VLAN.

The following commands create VLAN 12, name it IS_VLAN, identify port 0/12 as having only workstations attached to it, and assign 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
```