

VLAN COMMANDS

Command	Description
Switch#show interface fastethernet 0/5 switchport	Displays switchport information for Fa0/5
Switch(config-if)#switchport mode access	Configures a port as an access port
Switch(config-if)#switchport access vlan 10	Assigns VLAN 10 to an access port
Switch(config-if)#mls qos trust cos	Configures prioritization so that voice traffic is identified on the port and given preference over other port traffic
Switch(config-if)#switchport voice vlan 110	Assigns the voice VLAN 110 to the access port
Switch(config-if)#switchport mode trunk	Configures a port as a trunk port
Switch(config-if)#switchport trunk native vlan 99	Assigns the native VLAN 99 to a trunk port
Switch(config-if)#switchport mode dynamic auto	Configures the local port to advertise that it is able to trunk but does not configure the port to request the remote port to go into the trunking state
Switch(config-if)#switchport mode dynamic desirable	Configures the local port to advertise that it is able to trunk and requests that the remote port go into the trunking state
Switch(config-if)#switchport nonegotiate	Disables DTP on the port
Switch#show dtp interface fastethernet 0/1	Displays DTP information and statistics for Fa0/1
Switch(config)#vlan 10	Global configuration command that creates VLAN 10
Switch(config-vlan)#name Marketing	Assigns the name Marketing to a VLAN
Switch#show vlan or Switch#show vlan brief	Displays the contents of the vlan.dat file
Switch#show vlan id 10	Displays information about VLAN 10 only
Switch#show vlan name Marketing	Displays information about the Marketing VLAN only
Switch#show vlan summary	Displays a count of the number of existing
Switch(config)#no vlan 10	Removes VLAN 10 for the vlan.dat file
Switch#delete vlan.dat	Removes all previously configured VLANs
Switch(config-if)#switchport trunk allowed vlan add 10, 20, 30	Configures a trunk port to permit trunking for VLANs 10, 20, and 30
Switch#show interfaces trunk	Displays trunking information for the switch