Port-Security

Command	Function
`switchport mode access`	port must be in access mode before port-security can be configured
`switchport port-security`	enables port security on that interface
`switchport port-s ecurity maximum` 2	sets maximum MAC addresses to 2
`switchport port-s ecurity violation` shutdown	sets violation mode to shutdown (shutdown is default)
`switchport port-security mac-address sticky` *mac-address*	specified MAC is made sticky
`switchport port-s ecurity mac-ad dress stic ky`	converts all dynami-cally--learned MACs to sticky

VLAN Configuration

Short Command	Full Command
`sw m t`	`switchport mode trunking`
`sw t n v` 99	`switchport trunking native vlan 99`
`sw t a v` 2,10,99	`switchport trunking access vlan 2,10,99`
`sw non`	`switchport nonego tiate`
`sw a v 10`	`switchport access vlan 10`

Show Commands (cont)

`sh int tru`	`show int trunk`	trunk ports, native/mgmt VLANs, & allowed VLANs
`show sdm pre`	`sh sdm prefer`	max # of secure MACs that can be configured

Spanning Tree Configuration

Show Commands

Short Command	Full Command	What It Displays
`sh port` `[int` f0/5]	`show port-security` `[interface` f0/5]	secure MACs configured on all (or specified) interface/s
`sh int` f0/6 `sw`	`show int` f0/6 `switchport`	port configuration (mode, trunking, VLANs, etc)
`sh vl br`	`show vlan brief`	VLAN numbers, names, status, & ports
`sh vl na` *name*	`show vlan name` *name*	VLAN number, status, & ports
`sh vl sum`	`show vlan summary`	number of existing VLANs *(Doesn't work on PT)*