

Port-Security		Show Commands (cont)
Command	Function	
<code>switchport mode access</code>	port must be in access mode before port-security can be configured	<code>sh int tru</code> <code>show int trunk</code> trunk ports, native/mgmt VLANs, & allowed VLANs  <code>show sdm pre</code> <code>sh sdm prefer</code> max # of secure MACs that can be configured
<code>switchport port-security</code>	enables port security on that interface	
<code>switchport port-security maximum 2</code>	sets maximum MAC addresses to 2	
<code>switchport port-security violation shutdown</code>	sets violation mode to shutdown (shutdown is default)	
<code>switchport port-security mac-address sticky mac-address</code>	specified MAC is made sticky	
<code>switchport port-security mac-address sticky</code>	converts all dynamically-- learned MACs to sticky	

### VLAN Configuration

Short Command	Full Command
<code>sw m t</code>	<code>switchport mode trunking</code>
<code>sw t n v 99</code>	<code>switchport trunking native vlan 99</code>
<code>sw t a v 2,10,99</code>	<code>switchport trunking access vlan 2,10,99</code>
<code>sw non</code>	<code>switchport nonegotiate</code>
<code>sw a v 10</code>	<code>switchport access vlan 10</code>

### 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 <i>(Doesn't work on PT)</i>



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Page 1 of 2.

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