

Port-Security

| Command | Function |
|--|--|
| <code>switchport mode access</code> | port must be in access mode before port-security 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 |

Show Commands (cont)

| | | |
|---------------------------|-----------------------------|---|
| <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 |

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> |

Spanning Tree Configuration

Show Commands

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



By River L. (Tamaranth)
cheatography.com/tamaranth/

Published 11th April, 2018.
Last updated 11th April, 2018.
Page 1 of 2.

Sponsored by **ApolloPad.com**
Everyone has a novel in them. Finish Yours!
<https://apollopad.com>