

# 09b Switch Port Security

Default number of MACs permitted per port	1
When MACs are automatically learned, where are they stored?	running-config
Keyword to automatically learn MACs	sticky
IOS Mode where port security is configured	interface configuration

## Modes

Silently drop frames with unexpected source MAC addresses; make no log entry and take no other action	Protect
Add logging to the response and increment the interface error count	Restrict
All of the above, plus put the interface in err-disabled mode, shutting down all traffic on the port until an administrator fixes it.	Shutdown
Default Mode	Shutdown

## Commands

Set response mode to one of the above	<code>switchport port-security violation &lt;mode&gt;</code>
Enable Port Security	<code>switchport port-security</code>
Set maximum MACs to 3	<code>switchport port-security maximum 3</code>
Explicitly allow MAC 11:11:11:11:11:11	<code>switchport port-security mac-address 1111.1111.1111</code>
Automatically learn MACs	<code>switchport port-security mac-address sticky</code>