SSH configuration

configure terminal	
hostname SW1	hostname definition
ip domain name test.local	domain name definition
crypto key generate rsa	choose a minimum 1024 key length
ip ssh version 2	
username ⟨name⟩ secret ⟨password⟩	user and password for SSH access
line vty 0 4	select lines with SSH access
transport input telnet ssh	
login local	

switchport security

configure terminal	
interface *interface_name*	choose interface for setting security
switchport mode access	security only available in mode access
switchport port-security ?	list of available options
	aging
	mac-address
	maximum
	violation
switchport port-security maximum 1	only 1 permitted device
switchport port-security mac-address ?	list of available options
	H.H.H allowed device mac-address
	forbidden denied device mac-address
	sticky memorize current connected device
switchport port-security violation ?	list of available options
	protect does not allow
	restrict does not allow and log violation
	shutdown dows not allow and turns off port
switchport port-security	to activate after setting security

switchport security (cont)

shutdown && **no shutdown**	The only way to restart a shutdowned port
show mac address-table	display of MACs memorized by switch. MACs are erased if they do not send packages for more than 5 minutes
show port-security	general display of port security settings
show port-security interface e0/0	detailed display of a specific port's security
show port-security address	show MACs memorized in security mode
copy run start	to make memorized MACs permanent between switch restarts

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Not published yet.
Last updated 10th June, 2019.
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