

Switch>enable

Switch#configure terminal

Enter configuration commands, one per line. End with CNTL/Z.

Switch(config)#ip dhcp snooping

Switch(config)#ip dhcp snooping vlan 10,20,30

^

% Invalid input detected at '^' marker.

Switch(config)#ip dhcp snooping vlan 10,20,30

Switch(config)#! Trust the uplink port 0/2

Switch(config)#interface gigabitEthernet 0/1

Switch(config-if)#ip dhcp snooping trust

Switch(config-if)#exit

Switch(config)#! Untrust user ports

Switch(config)#interface range fastEthernet 0/1-10

Switch(config-if-range)#no ip dhcp snooping trust

Switch(config-if-range)#exit

Switch(config)#exit

Switch#

%SYS-5-CONFIG\_I: Configured from console by console

Switch#wite memory

^

% Invalid input detected at '^' marker.

Switch#write memory

Building configuration...

[OK]

Switch#

Switch con0 is now available

Press RETURN to get started.

```
Switch>enable
```

```
Switch#configure terminal
```

```
Enter configuration commands, one per line. End with CNTL/Z.
```

```
Switch(config)#hostname Switch3
```

```
Switch3(config)#ip domain-name cybersec.local
```

```
Switch3(config)#crypto key generate rsa
```

```
The name for the keys will be: Switch3.cybersec.local
```

```
Choose the size of the key modulus in the range of 360 to 4096 for your  
General Purpose Keys. Choosing a key modulus greater than 512 may take  
a few minutes.
```

```
How many bits in the modulus [512]: 1024
```

```
% Generating 1024 bit RSA keys, keys will be non-exportable...[OK]
```

```
Switch3(config)#username admin privilege 15 secret Cyb3rS3c!
```

```
*Mar 1 4:22:15.671: %SSH-5-ENABLED: SSH 1.99 has been enabled
```

```
Switch3(config)#line vty 0 4
```

```
Switch3(config-line)#transport iput ssh
```

```
^
```

```
% Invalid input detected at '^' marker.
```

```
Switch3(config-line)#transport input ssh
```

```
Switch3(config-line)#login local
```

```
Switch3(config-line)#exit
```

```
Switch3(config)#ip ssh version 2
Switch3(config)#exit
Switch3#
%SYS-5-CONFIG_I: Configured from console by console
```

```
Switch3#write memory
Building configuration...
[OK]
Switch3#show ip ssh
SSH Enabled - version 2.0
Authentication timeout: 120 secs; Authentication retries: 3
Switch3#show ssh
%No SSHv2 server connections running.
%No SSHv1 server connections running.
Switch3#
```

Switch3 con0 is now available

Press RETURN to get started.

Switch3>enable

Switch3#show running-config

Building configuration...

Current configuration : 1506 bytes

!

version 15.0

no service timestamps log datetime msec

no service timestamps debug datetime msec

no service password-encryption

!

hostname Switch3

!

!

!

ip ssh version 2

ip domain-name cybersec.local

!

username admin secret 5 \$1\$mERr\$wPi0Ixn877JULY1UwxHRB0

!

!

ip dhcp snooping vlan 10,20,30

ip dhcp snooping

!

Switch3#show port-security

	Secure Port (Count)	MaxSecureAddr (Count)	CurrentAddr (Count)	SecurityViolation	Security Action
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Fa0/2	2	0	0	Shutdown
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Switch3#show port-security interface fastEthernet 0/1

Port Security : Disabled

Port Status : Secure-down

Violation Mode : Shutdown

Aging Time : 0 mins

Aging Type : Absolute

SecureStatic Address Aging : Disabled

Maximum MAC Addresses : 1

Total MAC Addresses : 0

Configured MAC Addresses : 0

Sticky MAC Addresses : 0

Last Source Address:Vlan : 0000.0000.0000:0

Security Violation Count : 0

Switch3#show ip interface brief

Interface	IP-Address	OK?	Method	Status	Protocol
FastEthernet0/1	unassigned	YES	manual	up	up
FastEthernet0/2	unassigned	YES	manual	up	up
FastEthernet0/3	unassigned	YES	manual	down	down
FastEthernet0/4	unassigned	YES	manual	down	down
FastEthernet0/5	unassigned	YES	manual	down	down
FastEthernet0/6	unassigned	YES	manual	down	down
FastEthernet0/7	unassigned	YES	manual	down	down
FastEthernet0/8	unassigned	YES	manual	down	down
FastEthernet0/9	unassigned	YES	manual	down	down
FastEthernet0/10	unassigned	YES	manual	down	down
FastEthernet0/11	unassigned	YES	manual	down	down
FastEthernet0/12	unassigned	YES	manual	down	down
FastEthernet0/13	unassigned	YES	manual	down	down
FastEthernet0/14	unassigned	YES	manual	down	down
FastEthernet0/15	unassigned	YES	manual	down	down
FastEthernet0/16	unassigned	YES	manual	down	down
FastEthernet0/17	unassigned	YES	manual	down	down
FastEthernet0/18	unassigned	YES	manual	down	down
FastEthernet0/19	unassigned	YES	manual	down	down
FastEthernet0/20	unassigned	YES	manual	down	down
FastEthernet0/21	unassigned	YES	manual	down	down

--More--

Switch3 con0 is now available

Press RETURN to get started.

