Cisco Router Baseconfiguration

```
Router(config)# hostname hostname

Router(config)# enable secret password

Router(config)# line console 0
Router(config-line)# password password
Router(config-line)# login

Router(config-line)# line vty 0 4
Router(config-line)# password password
Router(config-line)# login
Router(config-line)# transport input {ssh | telnet | none | all}

Router(config-line)# exit
Router(config)# service password-encryption

Router(config)# banner motd delimiter message delimiter

Router(config)# copy running-config startup-config
```

```
Router> enable
Router# configure terminal
Enter configuration commands, one per line.
End with CNTL/Z.
Router(config)# hostname R1
R1(config)#
R1(config)# enable secret class
R1(config)#
R1(config)# line console 0
R1(config-line)# password cisco
R1(config-line)# login
R1(config-line)# exit
R1(config)#
R1(config)# line vty 0 4
R1(config-line)# password cisco
R1(config-line)# login
R1(config-line)# transport input ssh telnet
R1(config-line)# exit
R1(config)#
R1(config)# service password-encryption
R1(config)#
R1(config)# banner motd #
Enter TEXT message. End with the character '#'.
**********************************************
WARNING: Unauthorized access is prohibited!
```

```
**********************************************
R1(config)#
R1# copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
R1#
```

```
S1# show ip ssh
SSH Disabled - version 1.99
%Please create RSA keys (of at least 768 bits size) to enable SSH v2.
Authentication timeout: 120 secs; Authentication retries: 3
S1# configure terminal
S1(config)# ip domain-name cisco.com
S1(config)# crypto key generate rsa
The name for the keys will be: S1.cisco.com
...
How many bits in the modulus [512]: 1024
...
S1(config)# username admin secret ccna
S1(config-line)# line vty 0 15
S1(config-line)# transport input ssh
S1(config-line)# login local
S1(config-line)# exit
S1(config)# ip ssh version 2
S1(config)# exit
S1#
```

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