Cisco IOS Initial Configuration Commands Cheat Sheet

by River L. (Tamaranth) via cheatography.com/42882/cs/13781/

Switch Configuration

Switch(config)# ho S1
S1(config)# ena sec class
S1(config)# ser pass
S1(config)# banner motd #Banner goes here#
S1(config)# **login block-for 120 attempts 3 within 60**
S1(config)# **security pass min 8**
S1(config)# line con 0
S1(config-line)# pass cisco
S1(config-line)# login
S1(config-line)# **exec-timeout** 10
S1(config-line)# line vty 0 15
S1(config-line)# pass cisco
S1(config-line)# login
S1(config-line)# **exec-timeout** 10
S1(config-line)# int vlan 1
S1(config-if)# ip add 192.168.1.2 255.255.255.0
S1(config-if)# no shut
S1(config-if)# description Description goes here
S1# cop r s

Router Configuration

Router(config)# ho R1
R1(config)# ena sec class
R1(config)# ser pass
R1(config)# **no ip dom lo**
R1(config)# banner motd #Banner goes here#
R1(config)# **login block-for 120 attempts 3 within 60**
R1(config)# **security pass min 8**
R1(config)# line con 0
R1(config-line)# pass cisco
R1(config-line)# login
R1(config-line)# **exec-timeout** 10
R1(config-line)# line vty 0 15
R1(config-line)# pass cisco
R1(config-line)# login
R1(config-line)# **exec-timeout** 10
R1(config-if)# int g0/0
R1(config-if)# ip add 192.168.1.1 255.255.255.0
R1(config-if)# no shut
R1(config-if)# description Description goes here
R1# cop r s

Enabling SSH

R1(config)# **ip domain-name** CCNA-labs.com
R1(config)# **cry key gen rsa general-keys mod 1024**
R1(config)# **username** Bob **secret** cisco
R1(config)# line vty 0 15
R1(config-line)# **login local**
R1(config-line)# **transport input ssh**

Note: With the `ip domain -name` command, capitalization matters!

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