

Router Configuration: GIRL

	Router Prompt	Commands to create basic router configuration
	Router>	Enable
	Router#	configure terminal
G	Router(config)#	hostname [<i>name of router</i>]
G	Router(config)#	service password-encryption
G	Router(config)#	enable secret [<i>privileged mode password to be encrypted, i.e. class</i>]
G	Router(config)#	ip host [<i>name of router</i>] [<i>IP addresses of router interfaces</i>]
G	Router(config)#	ip host [<i>name of router</i>] [<i>IP addresses of router interfaces</i>]
G	Router(config)#	banner motd # < <i>message of the day</i> > # .
	Router(config)#	interface fa 0/0
I	Router(config-if)#	ip address [<i>address of this interface</i>] [<i>subnet mask of this interface</i>]
I	Router(config-if)#	no shutdown
I	Router(config-if)#	description [<i>description of the interface</i>]
	Router(config-if)#	exit (to move back to global config mode)
I	Router(config)#	interface s 0/0
I	Router(config-if)#	ip address [<i>address of this interface</i>] [<i>subnet mask of this interface</i>]
I	Router(config-if)#	no shutdown
I	Router(config-if)#	clock rate 64000 (if this interface has a DCE cable plugged in)
R	Router(config)#	router rip
R	Router(config-router)#	network [<i>IP address of a directly connected network...no subnets!</i>]
R	Router(config-router)#	network [<i>IP address of a directly connected network...no subnets!</i>]
	Router(config-router)#	Exit (to move back to global config mode)
L	Router(config)#	line console 0
L	Router(config-line)#	Login
L	Router(config-line)#	password [<i>password to be used for entering user mode at login, i.e. cisco</i>]
L	Router(config-line)#	line vty 0 4
L	Router(config-line)#	Login
L	Router(config-line)#	password [<i>password to be used for entering user mode at login, i.e. cisco</i>]
	Router(config-line)#	Exit

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	Router(config)#	Exit
	Router#	copy running-config startup-config or copy run start
	Router#	show run <i>(to verify configuration in RAM memory)</i>