Router 1

```
Router#en
Router#config t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#interface gig0/0
Router(config-if)#ip address 192.168.10.1
% Incomplete command.
Router(config-if)#ip address 192.168.10.1 255.255.255.0
Router(config-if)#interface gig0/1
Router(config-if)#ip address 192.168.30.1 255.255.255.0
Router(config-if)#interface gig0/2
Router(config-if)#ip address 192.168.50.1 255.255.255.0
Router(config-if)#
Router(config-if)#exit
Router(config)#ip route 192.168.20.0 255.255.255.0 192.168.50.2
Router(config)#ip route 192.168.40.0 255.255.255.0 192.168.50.2
Router(config)#ip route 192.168.40.0 255.255.255.0 192.168.30.2
```

Router 3

```
Router#en
Router#config t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#interface gig0/1
Router(config-if)#ip address 192.168.50.2 255.255.255.0
Router(config-if)#interface gig0/0
Router(config-if)#ip address 192.168.20.1 255.255.255.0
Router(config-if)#interface gig0/2
Router(config-if)#ip address 192.168.40.2 255.255.255.0
Router(config-if)#
Router(config-if)#exit
Router(config)#ip route 192.168.10.0 255.255.255.0 192.168.50.1
Router(config)#ip route 192.168.30.0 255.255.255.0 192.168.50.1
Router(config)#ip route 192.168.30.0 255.255.255.0 192.168.40.1
```

Router 0

```
Router#en
Router#config t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#interface gig0/0
Router(config-if)#ip address 192.168.30.2
% Incomplete command.
Router(config-if)#ip address 192.168.30.2 255.255.255.0
Router(config-if)#interface gig0/1
Router(config-if)#ip address 192.168.40.1 255.255.255.0
Router(config-if)#
Router(config-if)#exit
Router(config)#ip route 192.168.10.0 255.255.255.0 192.168.30.1
Router(config)#ip route 192.168.20.0 255.255.255.0 192.168.40.2
Router(config)#ip route 192.168.50.0 255.255.255.0 192.168.40.2
Router(config)#ip route 192.168.50.0 255.255.255.0 192.168.30.1
```

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC0	Router0	ICMP		0.000	N	0	(edit)	(delete)
	Successful	PC3	Router1	ICMP		0.000	N	1	(edit)	(delete)
	Successful	PC1	Router3	ICMP		0.000	N	2	(edit)	(delete)
	Successful	PC4	PC0	ICMP		0.000	N	3	(edit)	(delete)