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**CSE421**

**Computer Networks**

**Summer 2022**

Group No: 88

Topic Name: The Pearl City

Section: 06

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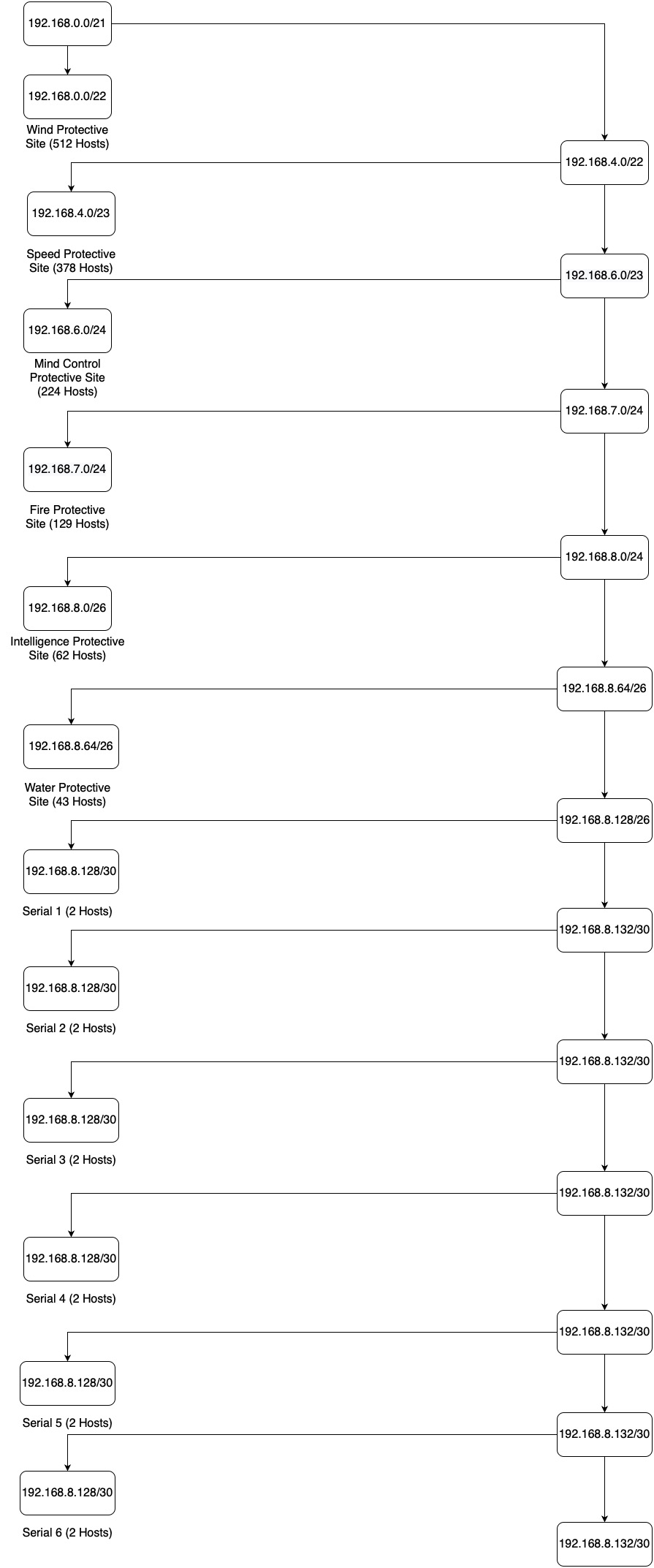
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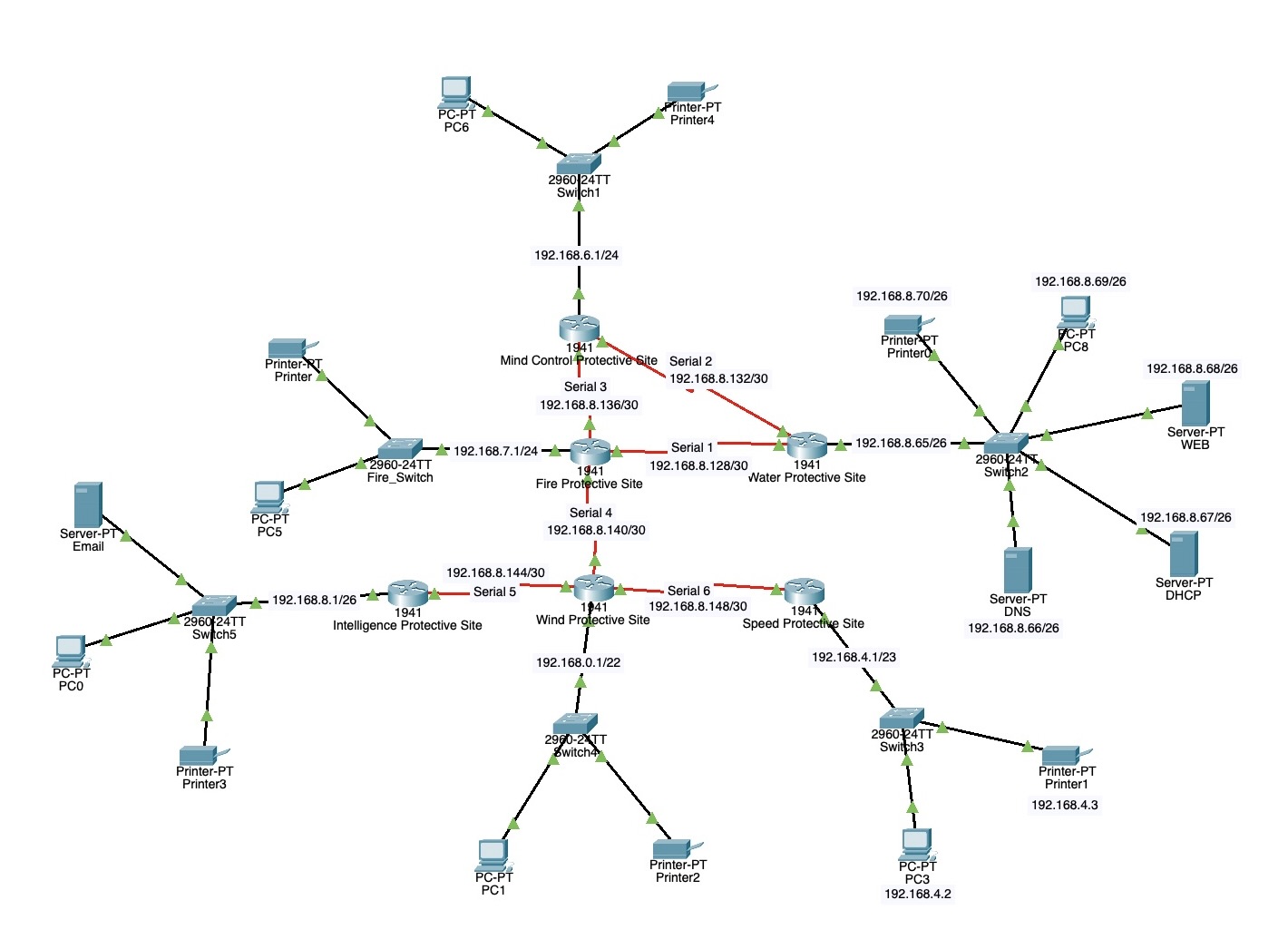
**IP Address Table:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | Hosts Needed | Hosts Available | Network Address | Slash | Mask | Usable Range | Broadcast |
| Wind | 512 | 1022 | 192.168.0.0 | /22 | 255.255.252.0 | 192.168.0.1 - 192.168.3.254 | 192.168.3.255 |
| Speed | 378 | 510 | 192.168.4.0 | /23 | 255.255.254.0 | 192.168.4.1 - 192.168.5.254 | 192.168.5.255 |
| Mind | 224 | 254 | 192.168.6.0 | /24 | 255.255.255.0 | 192.168.6.1 - 192.168.6.254 | 192.168.6.255 |
| Fire | 129 | 254 | 192.168.7.0 | /24 | 255.255.255.0 | 192.168.7.1 - 192.168.7.254 | 192.168.7.255 |
| Intelligence | 62 | 62 | 192.168.8.0 | /26 | 255.255.255.192 | 192.168.8.1 - 192.168.8.62 | 192.168.8.63 |
| Water | 43 | 62 | 192.168.8.64 | /26 | 255.255.255.192 | 192.168.8.65 - 192.168.8.126 | 192.168.8.127 |
| Serial 1 | 2 | 2 | 192.168.8.128 | /30 | 255.255.255.252 | 192.168.8.129 - 192.168.8.130 | 192.168.8.131 |
| Serial 2 | 2 | 2 | 192.168.8.132 | /30 | 255.255.255.252 | 192.168.8.133 - 192.168.8.134 | 192.168.8.135 |
| Serial 3 | 2 | 2 | 192.168.8.136 | /30 | 255.255.255.252 | 192.168.8.137 - 192.168.8.138 | 192.168.8.139 |
| Serial 4 | 2 | 2 | 192.168.8.140 | /30 | 255.255.255.252 | 192.168.8.141 - 192.168.8.142 | 192.168.8.143 |
| Serial 5 | 2 | 2 | 192.168.8.144 | /30 | 255.255.255.252 | 192.168.8.145 - 192.168.8.146 | 192.168.8.147 |
| Serial 6 | 2 | 2 | 192.168.8.148 | /30 | 255.255.255.252 | 192.168.8.149 - 192.168.8.150 | 192.168.8.151 |

**Port Addresses:**

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Ports | IP Address | Subnet Mask |
| Wind Protective Site | G0/0  S0/0/0  S0/0/1  S0/1/0 | 192.168.0.1  192.168.8.142  192.168.8.145  192.168.8.149 | 255.255.252.0  255.255.255.252  255.255.255.252  255.255.255.252 |
| Speed Protective Site | G0/0  S0/0/0 | 192.168.4.1  192.168.8.150 | 255.255.254.0  255.255.255.252 |
| Mind Control Protective Site | G0/0  S0/0/0  S0/0/1 | 192.168.6.1  192.168.8.134  192.168.8.137 | 255.255.255.0  255.255.255.252 |
| Fire Protective Site | G0/0  S0/0/0  S0/0/1  S0/1/0 | 192.168.7.1  192.168.8.129  192.168.8.141  192.168.8.138 | 255.255.255.0  255.255.255.252 |
| Intelligence Protective Site | G0/0  S0/0/0 | 192.168.8.1  192.168.8.146 | 255.255.255.192  255.255.255.252 |
| Water Protective Site | G0/0  S0/0/0  S0/0/1 | 192.168.8.65  192.168.8.130  192.168.8.133 | 255.255.255.192  255.255.255.252 |

**VLSM Tree:**

**Network Topology:**

**Commands:**

**Fire Protective Site:**

Router>en

Router#erase startup-config

Erasing the nvram filesystem will remove all configuration files! Continue? [confirm]

[OK]

Erase of nvram: complete

%SYS-7-NV\_BLOCK\_INIT: Initialized the geometry of nvram

Router#

Router con0 is now available

Press RETURN to get started.

Router>en

Router#reload

Proceed with reload? [confirm]

--- System Configuration Dialog ---

Would you like to enter the initial configuration dialog? [yes/no]:

% Please answer 'yes' or 'no'.

Would you like to enter the initial configuration dialog? [yes/no]: no

Press RETURN to get started!

Router>en

Router#conf t

Router#conf terminal

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

Router(config)#hostname Fire

Fire(config)#no ip domain-lookup

Fire(config)#enable secret class

Fire(config)#line console 0

Fire(config-line)#password cisco

Fire(config-line)#login

Fire(config-line)#exit

Fire(config)#line vty 0 4

Fire(config-line)#password cisco

Fire(config-line)#login

Fire(config-line)#exit

Fire(config)#

Fire(config)#interface Gig 0/0

Fire(config-if)#ip address 192.168.7.1 255.255.255.0

Fire(config-if)#no shutdown

Fire(config-if)#

%LINK-5-CHANGED: Interface GigabitEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed state to up

Fire(config-if)#exit

Fire(config)#interfa

Fire(config)#interface serial 0/0/0

Fire(config-if)#ip address 192.168.8.129 255.255.255.192

Fire(config-if)#no shutdown

%LINK-5-CHANGED: Interface Serial0/0/0, changed state to down

Fire(config-if)#

Fire(config-if)#interface serial 0/0/0

Fire(config-if)#clock rate 64000

Fire(config-if)#no shutdown

Fire(config-if)#

%LINK-5-CHANGED: Interface Serial0/0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/0, changed state to up

%LINK-5-CHANGED: Interface Serial0/0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed state to up

%LINK-5-CHANGED: Interface Serial0/1/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/1/0, changed state to up

User Access Verification

Password:

Fire>en

Password:

Fire#conf t

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

Fire(config)#interface s0/0/0

Fire(config-if)#ip address 192.168.8.129 255.255.255.252

Fire(config-if)#no shutdown

Fire(config-if)#eiexit

Fire(cip address 192.168.8.129 255.255.255.252ip address 192.168.8.138 255.255.255.252

Fire(config-if)#no shut

Fire(config-if)#exit

Fire(config)#ip route 192.168.8.64 255.255.255.192 192.168.8.130

Fire(config)#no shut

^

% Invalid input detected at '^' marker.

Fire(config)#Fire(config)#Fire(config)#interface S0/0/0

Fire(config-if)#exit

Fire(config)#no ip route 192.168.8.64 255.255.255.192 192.168.8.130

Fire(config)#interface S0/0/0

Fire(config-if)#ip route 192.168.8.64 255.255.255.192 192.168.8.130

Fire(config)#interface S0/1/0

Fire(config-if)#ip route 192.168.6.0 255.255.255.192 192.168.8.137 5

Fire(config)#interface S0/0/1

Fire(config-if)#ip address 192.168.8.141 255.255.255.252

Fire(config-if)#no shut

%LINK-5-CHANGED: Interface Serial0/0/1, changed state to down

Fire(config-if)#

Fire(config-if)#

%LINK-5-CHANGED: Interface Serial0/0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/1, changed state to up

Fire#show ip route

Codes: L - local, C - connected, S - static, R - RIP, M - mobile, B - BGP

D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area

N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2

E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP

i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area

\* - candidate default, U - per-user static route, o - ODR

P - periodic downloaded static route

Gateway of last resort is not set

192.168.6.0/26 is subnetted, 1 subnets

S 192.168.6.0/26 [5/0] via 192.168.8.137

192.168.7.0/24 is variably subnetted, 2 subnets, 2 masks

C 192.168.7.0/24 is directly connected, GigabitEthernet0/0

L 192.168.7.1/32 is directly connected, GigabitEthernet0/0

192.168.8.0/24 is variably subnetted, 7 subnets, 3 masks

S 192.168.8.64/26 [1/0] via 192.168.8.130

C 192.168.8.128/30 is directly connected, Serial0/0/0

L 192.168.8.129/32 is directly connected, Serial0/0/0

C 192.168.8.136/30 is directly connected, Serial0/1/0

L 192.168.8.138/32 is directly connected, Serial0/1/0

C 192.168.8.140/30 is directly connected, Serial0/0/1

Fire#

Fire#

Fire#conf t

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

Fire(config)#router rip

Fire(config-router)#version 2

Fire(config-router)#end

Fire#

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

Fire#show ip route

Codes: L - local, C - connected, S - static, R - RIP, M - mobile, B - BGP

D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area

N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2

E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP

i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area

\* - candidate default, U - per-user static route, o - ODR

P - periodic downloaded static route

Gateway of last resort is not set

192.168.6.0/26 is subnetted, 1 subnets

S 192.168.6.0/26 [5/0] via 192.168.8.137

192.168.7.0/24 is variably subnetted, 2 subnets, 2 masks

C 192.168.7.0/24 is directly connected, GigabitEthernet0/0

L 192.168.7.1/32 is directly connected, GigabitEthernet0/0

192.168.8.0/24 is variably subnetted, 7 subnets, 3 masks

S 192.168.8.64/26 [1/0] via 192.168.8.130

C 192.168.8.128/30 is directly connected, Serial0/0/0

L 192.168.8.129/32 is directly connected, Serial0/0/0

C 192.168.8.136/30 is directly connected, Serial0/1/0

L 192.168.8.138/32 is directly connected, Serial0/1/0

C 192.168.8.140/30 is directly connected, Serial0/0/1

L 192.168.8.141/32 is directly connected, Serial0/0/1

Fire#

Fire#conf t

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

Fire(config)#ip route 0.0.0.0 0.0.0.0 192.168.8.142

Fire(config)#router rip

Fire(config-router)#version 2

Fire(config-router)#no auto-summary

Fire(config-router)#default-

Fire(config-router)#default-information originate

Fire(config-router)#end

Fire#

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

Fire#router rip

^

% Invalid input detected at '^' marker.

Fire#conf t

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

Fire(config)#router rip

Fire(config-router)#version 2

Fire(config-router)#network 192.168.7.0

Fire(config-router)#network 192.168.8.64

Fire(config-router)#end

Fire#

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

Fire#cop

Fire#copy r

Fire#copy running-config s

Fire#copy running-config st

Fire#copy running-config startup-config

Destination filename [startup-config]?

Building configuration...

[OK]

Fire#

Fire#conf t

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

Fire(config)#router rip

Fire(config-router)#version 2

Fire(config-router)#network 192.168.8.140

Fire(config-router)#end

Fire#

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

Fire#copy running-config startup-config

Destination filename [startup-config]?

Building configuration...

[OK]

Fire#

Fire#show ip route

Codes: L - local, C - connected, S - static, R - RIP, M - mobile, B - BGP

D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area

N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2

E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP

i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area

\* - candidate default, U - per-user static route, o - ODR

P - periodic downloaded static route

Gateway of last resort is 192.168.8.142 to network 0.0.0.0

R 192.168.0.0/22 [120/1] via 192.168.8.142, 00:00:02, Serial0/0/1

R 192.168.4.0/23 [120/2] via 192.168.8.142, 00:00:02, Serial0/0/1

192.168.6.0/26 is subnetted, 1 subnets

S 192.168.6.0/26 [5/0] via 192.168.8.137

192.168.7.0/24 is variably subnetted, 2 subnets, 2 masks

C 192.168.7.0/24 is directly connected, GigabitEthernet0/0

L 192.168.7.1/32 is directly connected, GigabitEthernet0/0

192.168.8.0/24 is variably subnetted, 10 subnets, 3 masks

R 192.168.8.0/26 [120/2] via 192.168.8.142, 00:00:02, Serial0/0/1

S 192.168.8.64/26 [1/0] via 192.168.8.130

C 192.168.8.128/30 is directly connected, Serial0/0/0

L 192.168.8.129/32 is directly connected, Serial0/0/0

C 192.168.8.136/30 is directly connected, Serial0/1/0

L 192.168.8.138/32 is directly connected, Serial0/1/0

C 192.168.8.140/30 is directly connected, Serial0/0/1

L 192.168.8.141/32 is directly connected, Serial0/0/1

R 192.168.8.144/30 [120/1] via 192.168.8.142, 00:00:02, Serial0/0/1

R 192.168.8.148/30 [120/1] via 192.168.8.142, 00:00:02, Serial0/0/1

S\* 0.0.0.0/0 [1/0] via 192.168.8.142

Fire#conf t

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

Fire(config)#ip route 192.168.8.128 255.255.255.252 192.168.8.142

Fire(config)#router rip default-

Fire(config)#router rip default-in

Fire(config)#router rip default-info

Fire(config)#router rip default-information orig

Fire(config)#router rip

Fire(config-router)#version 2

Fire(config-router)#default-inf

Fire(config-router)#default-information or

Fire(config-router)#default-information originate

Fire(config-router)#end

Fire#

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

end

Translating "end"

% Unknown command or computer name, or unable to find computer address

Fire#show ip route

Codes: L - local, C - connected, S - static, R - RIP, M - mobile, B - BGP

D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area

N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2

E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP

i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area

\* - candidate default, U - per-user static route, o - ODR

P - periodic downloaded static route

Gateway of last resort is 192.168.8.142 to network 0.0.0.0

R 192.168.0.0/22 [120/1] via 192.168.8.142, 00:00:06, Serial0/0/1

R 192.168.4.0/23 [120/2] via 192.168.8.142, 00:00:06, Serial0/0/1

192.168.6.0/26 is subnetted, 1 subnets

S 192.168.6.0/26 [5/0] via 192.168.8.137

192.168.7.0/24 is variably subnetted, 2 subnets, 2 masks

C 192.168.7.0/24 is directly connected, GigabitEthernet0/0

L 192.168.7.1/32 is directly connected, GigabitEthernet0/0

192.168.8.0/24 is variably subnetted, 10 subnets, 3 masks

R 192.168.8.0/26 [120/2] via 192.168.8.142, 00:00:06, Serial0/0/1

S 192.168.8.64/26 [1/0] via 192.168.8.130

C 192.168.8.128/30 is directly connected, Serial0/0/0

L 192.168.8.129/32 is directly connected, Serial0/0/0

C 192.168.8.136/30 is directly connected, Serial0/1/0

L 192.168.8.138/32 is directly connected, Serial0/1/0

C 192.168.8.140/30 is directly connected, Serial0/0/1

L 192.168.8.141/32 is directly connected, Serial0/0/1

R 192.168.8.144/30 [120/1] via 192.168.8.142, 00:00:06, Serial0/0/1

R 192.168.8.148/30 [120/1] via 192.168.8.142, 00:00:06, Serial0/0/1

S\* 0.0.0.0/0 [1/0] via 192.168.8.142

Fire#

Fire#conf t

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

Fire(config)#no ip route 192.168.8.128 255.255.255.252 192.168.8.142

Fire(config)#end

Fire#

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

Fire#

Fire>en

Password:

Fire#conf t

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

Fire(config)#sinterface g0/0

Fire(config-if)#iniinonip hel

Fire(config-if)#ip help

Fire(config-if)#ip helper-address 192.168.8.67

Fire(config-if)#mnmno shutdown

Fire(config-if)#Fire(config-if)#

Fire(config-if)#exit

Fire(config)#

Fire(config)#

Fire(config)#router rip

Fire(config-router)#

Fire(config-router)#end

Fire#configure terminal

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

Fire(config)#

Fire(config)#

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

Fire(config)#

Fire(config)#

Fire(config)#interface GigabitEthernet0/1

Fire(config-if)#

Fire(config-if)#end

Fire#vlan database

% Warning: It is recommended to configure VLAN from config mode,

as VLAN database mode is being deprecated. Please consult user

documentation for configuring VTP/VLAN in config mode.

Fire(vlan)#

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

Fire(vlan)#exit

APPLY completed.

Exiting....

Fire#configure terminal

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

Fire(config)#interface GigabitEthernet0/0

Fire(config-if)#

**Mind Control Protective Site:**

Router>en

Router#erase startup-config

Erasing the nvram filesystem will remove all configuration files! Continue? [confirm]

[OK]

Erase of nvram: complete

%SYS-7-NV\_BLOCK\_INIT: Initialized the geometry of nvram

Router#

Router con0 is now available

Press RETURN to get started.

Router>en

Router#reload

Proceed with reload? [confirm]

--- System Configuration Dialog ---

Would you like to enter the initial configuration dialog? [yes/no]:

% Please answer 'yes' or 'no'.

Would you like to enter the initial configuration dialog? [yes/no]: no

Press RETURN to get started!

Router>en

Router#conf t

Router#conf terminal

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

Router(config)#hostname Mind

Mind(config)#no ip domain-lookup

Mind(config)#enable secret class

Mind(config)#line console 0

Mind(config-line)#password cisco

Mind(config-line)#login

Mind(config-line)#exit

Mind(config)#line vty 0 4

Mind(config-line)#password cisco

Mind(config-line)#login

Mind(config-line)#exit

Mind(config)#

Mind>en

Password:

Mind#en

Mind#conf t

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

Mind(config)#interface Gig 0/0

Mind(config-if)#ip address 192.168.6.1 255.255.255.0

Mind(config-if)#no shutdown

Mind(config-if)#

%LINK-5-CHANGED: Interface GigabitEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed state to up

Mind(config-if)#copy s

Mind(config-if)#copy running-config startup-config

^

% Invalid input detected at '^' marker.

Mind(config-if)#exit

Mind(config)#copy running-config startup-config

^

% Invalid input detected at '^' marker.

Mind(config)#end

Mind#

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

conf t

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

Mind(config)#copy running-config startup-config

^

% Invalid input detected at '^' marker.

Mind(config)#exit

Mind#

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

Mind#copy running-config startup-config

Destination filename [startup-config]?

Building configuration...

[OK]

Mind#

Mind#conf t

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

Mind(config)#interface Serial 0/0/0

Mind(config-if)#ip address 192.168.8.129 255.255.255.192

Mind(config-if)#no shutdown

Mind(config-if)#

%LINK-5-CHANGED: Interface Serial0/0/0, changed state to up

end

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed state to up

%LINK-5-CHANGED: Interface Serial0/0/0, changed state to up

%LINK-5-CHANGED: Interface Serial0/0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/1, changed state to up

User Access Verification

Password:

Mind>en

Password:

Mind#conf t

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

Mind(config)#interface S0/0/0

Mind(config-if)#ip address 192.168.8.134 255.255.255.252

Mind(config-if)#no shut

Mind(config-if)#end

Mind#

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

Mind#conf t

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

Mind(config)#interface S0/0/1

Mind(config-if)#ip address 192.168.8.137 255.255.255.252

Mind(config-if)#no shut

Mind(config-if)#

Mind con0 is now available

Press RETURN to get started.

User Access Verification

Password:

Mind>en

Password:

Password:

Mind#conf t

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

Mind(config)#interface S0/0/0

Mind(config-if)#ip route 192.168.8.64 255.255.255.192 192.168.8.133

Mind(config)#interface S0/0/1

Mind(config-if)#ip route 192.168.7.0 255.255.255.0 192.168.8.138 5

Mind(config)#exit

Mind#

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

Mind#show ip route

Codes: L - local, C - connected, S - static, R - RIP, M - mobile, B - BGP

D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area

N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2

E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP

i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area

\* - candidate default, U - per-user static route, o - ODR

P - periodic downloaded static route

Gateway of last resort is not set

192.168.6.0/24 is variably subnetted, 2 subnets, 2 masks

C 192.168.6.0/24 is directly connected, GigabitEthernet0/0

L 192.168.6.1/32 is directly connected, GigabitEthernet0/0

S 192.168.7.0/24 [5/0] via 192.168.8.138

192.168.8.0/24 is variably subnetted, 5 subnets, 3 masks

S 192.168.8.64/26 [1/0] via 192.168.8.133

C 192.168.8.132/30 is directly connected, Serial0/0/0

L 192.168.8.134/32 is directly connected, Serial0/0/0

C 192.168.8.136/30 is directly connected, Serial0/0/1

L 192.168.8.137/32 is directly connected, Serial0/0/1

Mind#

Mind>en

Password:

Mind#conf t

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

Mind(config)#interface G0/0

Mind(config-if)#ip helper

Mind(config-if)#ip helper-address 192.168.8.67

Mind(config-if)#no shut

Mind(config-if)#end

Mind#

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

Mind#

Mind#

**Water Protective Site:**

Router>en

Router#erase startup-config

Erasing the nvram filesystem will remove all configuration files! Continue? [confirm]

[OK]

Erase of nvram: complete

%SYS-7-NV\_BLOCK\_INIT: Initialized the geometry of nvram

Router#

Router con0 is now available

Press RETURN to get started.

Router>en

Router#reload

Proceed with reload? [confirm]

--- System Configuration Dialog ---

Would you like to enter the initial configuration dialog? [yes/no]:

% Please answer 'yes' or 'no'.

Would you like to enter the initial configuration dialog? [yes/no]: no

Press RETURN to get started!

Router>en

Router#conf t

Router#conf terminal

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

Router(config)#hostname Water

Water(config)#no ip domain-lookup

Water(config)#enable secret class

Water(config)#line console 0

Water(config-line)#password cisco

Water(config-line)#login

Water(config-line)#exit

Water(config)#line vty 0 4

Water(config-line)#password cisco

Water(config-line)#login

Water(config-line)#exit

Water(config)#

Water>en

Password:

Water#en

Water#conf t

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

Water(config)#interface Gig 0/0

Water(config-if)#ip address 192.168.8.65l 255.255.255.192

Water(config-if)#no shutdown

Water(config-if)#

%LINK-5-CHANGED: Interface GigabitEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed state to up

Water(config-if)#copy s

Water(config-if)#copy running-config startup-config

^

% Invalid input detected at '^' marker.

Water(config-if)#exit

Water(config)#copy running-config startup-config

^

% Invalid input detected at '^' marker.

Water(config)#end

Water#

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

conf t

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

Water(config)#copy running-config startup-config

^

% Invalid input detected at '^' marker.

Water(config)#exit

Water#

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

Water#copy running-config startup-config

Destination filename [startup-config]?

Building configuration...

[OK]

Water#

Water#conf t

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

Water(config)#interface Serial 0/0/0

Water(config-if)#ip address 192.168.7.1 255.255.255.0

Water(config-if)#no shutdown

Water(config-if)#

%LINK-5-CHANGED: Interface Serial0/0/0, changed state to up

end

Water#

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

Water#copy running

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/0, changed copy running-config startup-config

Destination filename [startup-config]?

Building configuration...

[OK]

User Access Verification

Password:

Water>en

Password:

Water#conf t

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

Water(config)#interface Serial 0/0/1

Water(config-if)#ip address 192.168.6.1 255.255.255.0

Water(config-if)#no shutdown

Water(config-if)#

%LINK-5-CHANGED: Interface Serial0/0/1, changed state to up

end

Water#

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

Water#

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/1, changed state to up

User Access Verification

Password:

Water>enable

Password:

Password:

Water#configure terminal

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

Water(config)#interface GigabitEthernet0/0

Water(config-if)#no ip address

Water(config-if)#

Water(config-if)#exit

Water(config)#interface Serial0/0/0

Water(config-if)#

Water(config-if)#exit

Water(config)#interface GigabitEthernet0/1

Water(config-if)#

Water(config-if)#exit

Water(config)#interface GigabitEthernet0/0

Water(config-if)#

Water(config-if)#exit

Water(config)#interface GigabitEthernet0/1

Water(config-if)#

Water(config-if)#exit

Water(config)#interface GigabitEthernet0/0

Water(config-if)#

Water(config-if)#exit

Water(config)#interface GigabitEthernet0/0

Water(config-if)#

Water(config-if)#exit

Water(config)#interface GigabitEthernet0/0

Water(config-if)#

Water(config-if)#exit

Water(config)#interface GigabitEthernet0/1

Water(config-if)#Water(config-if)#

Water(config-if)#exit

Water(config)#interface GigabitEthernet0/0

Water(config-if)#ip address 192.168.8.65 255.255.255.0

Water(config-if)#ip address 192.168.8.65 255.255.255.192

Water(config-if)#

Water(config-if)#exit

Water(config)#interface GigabitEthernet0/1

Water(config-if)#

Water(config-if)#exit

Water(config)#interface GigabitEthernet0/0

Water(config-if)#% Bad secrets

Water(config-if)#

Water(config-if)#end

Water#

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

Water#conf t

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

Water(config)#interface S0/0/0

Water(config-if)#ip address 192.168.8.130 255.255.255.252

Water(config-if)#no shut

Water(config-if)#end

Water#

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

Water#conf t

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

Water(config)#interface S0/0/1

Water(config-if)#ip address 192.168.8.133 255.255.255.252

Water(config-if)#no shut

Water(config-if)#exit

Water(config)#ip route 192.168.7.0 255.255.255.0 192.168.8.129

Water(config)#end

Water#

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

Water#show ip route

Codes: L - local, C - connected, S - static, R - RIP, M - mobile, B - BGP

D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area

N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2

E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP

i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area

\* - candidate default, U - per-user static route, o - ODR

P - periodic downloaded static route

Gateway of last resort is not set

S 192.168.7.0/24 [1/0] via 192.168.8.129

192.168.8.0/24 is variably subnetted, 6 subnets, 3 masks

C 192.168.8.64/26 is directly connected, GigabitEthernet0/0

L 192.168.8.65/32 is directly connected, GigabitEthernet0/0

C 192.168.8.128/30 is directly connected, Serial0/0/0

L 192.168.8.130/32 is directly connected, Serial0/0/0

C 192.168.8.132/30 is directly connected, Serial0/0/1

L 192.168.8.133/32 is directly connected, Serial0/0/1

Water#conf t

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

Water(config)#no ip route 192.168.7.0 255.255.255.0 192.168.8.129

Water(config)#interface S0/0/0

Water(config-if)#ip route 192.168.7.0 255.255.255.0 192.168.8.129

Water(config)#interface S0/0/1

Water(config-if)#ip route 192.168.6.0 255.255.255.0 192.168.8.134

Water(config)#exit

Water#

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

s

% Ambiguous command: "s"

Water#show ip route

Codes: L - local, C - connected, S - static, R - RIP, M - mobile, B - BGP

D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area

N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2

E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP

i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area

\* - candidate default, U - per-user static route, o - ODR

P - periodic downloaded static route

Gateway of last resort is not set

S 192.168.6.0/24 [1/0] via 192.168.8.134

S 192.168.7.0/24 [1/0] via 192.168.8.129

192.168.8.0/24 is variably subnetted, 6 subnets, 3 masks

C 192.168.8.64/26 is directly connected, GigabitEthernet0/0

L 192.168.8.65/32 is directly connected, GigabitEthernet0/0

C 192.168.8.128/30 is directly connected, Serial0/0/0

L 192.168.8.130/32 is directly connected, Serial0/0/0

C 192.168.8.132/30 is directly connected, Serial0/0/1

L 192.168.8.133/32 is directly connected, Serial0/0/1

Water#

Water>en

Password:

Water#conf t

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

Water(config)#router rip

Water(config-router)#version 2

Water(config-router)#network 192.168.8.64

Water(config-router)#network 192.168.8.128

Water(config-router)#network 192.168.8.132

Water(config-router)#no shut

^

% Invalid input detected at '^' marker.

Water(config-router)#end

Water#

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

Water#copy r

Water#copy running-config s

Water#copy running-config st

Water#copy running-config startup-config

Destination filename [startup-config]?

Building configuration...

[OK]

Water#

**Intelligence Protective Site:**

Router>en

Router#erase st

Router#erase startup-config

Erasing the nvram filesystem will remove all configuration files! Continue? [confirm]

[OK]

Erase of nvram: complete

%SYS-7-NV\_BLOCK\_INIT: Initialized the geometry of nvram

Router#reload

Proceed with reload? [confirm]

System Bootstrap, Version 15.1(4)M4, RELEASE SOFTWARE (fc1)

Technical Support: http://www.cisco.com/techsupport

Copyright (c) 2010 by cisco Systems, Inc.

Total memory size = 512 MB - On-board = 512 MB, DIMM0 = 0 MB

CISCO1941/K9 platform with 524288 Kbytes of main memory

Main memory is configured to 64/-1(On-board/DIMM0) bit mode with ECC disabled

Readonly ROMMON initialized

program load complete, entry point: 0x80803000, size: 0x1b340

program load complete, entry point: 0x80803000, size: 0x1b340

IOS Image Load Test

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Digitally Signed Release Software

program load complete, entry point: 0x81000000, size: 0x2bb1c58

Self decompressing the image :

########################################################################## [OK]

Smart Init is enabled

smart init is sizing iomem

TYPE MEMORY\_REQ

HWIC Slot 0 0x00200000 Onboard devices &

buffer pools 0x01E8F000

-----------------------------------------------

TOTAL: 0x0268F000

Rounded IOMEM up to: 40Mb.

Using 6 percent iomem. [40Mb/512Mb]

Restricted Rights Legend

Use, duplication, or disclosure by the Government is

subject to restrictions as set forth in subparagraph

(c) of the Commercial Computer Software - Restricted

Rights clause at FAR sec. 52.227-19 and subparagraph

(c) (1) (ii) of the Rights in Technical Data and Computer

Software clause at DFARS sec. 252.227-7013.

cisco Systems, Inc.

170 West Tasman Drive

San Jose, California 95134-1706

Cisco IOS Software, C1900 Software (C1900-UNIVERSALK9-M), Version 15.1(4)M4, RELEASE SOFTWARE (fc2)

Technical Support: http://www.cisco.com/techsupport

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Compiled Thurs 5-Jan-12 15:41 by pt\_team

Image text-base: 0x2100F918, data-base: 0x24729040

This product contains cryptographic features and is subject to United

States and local country laws governing import, export, transfer and

use. Delivery of Cisco cryptographic products does not imply

third-party authority to import, export, distribute or use encryption.

Importers, exporters, distributors and users are responsible for

compliance with U.S. and local country laws. By using this product you

agree to comply with applicable laws and regulations. If you are unable

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A summary of U.S. laws governing Cisco cryptographic products may be found at:

http://www.cisco.com/wwl/export/crypto/tool/stqrg.html

If you require further assistance please contact us by sending email to

export@cisco.com.

Cisco CISCO1941/K9 (revision 1.0) with 491520K/32768K bytes of memory.

Processor board ID FTX152400KS

2 Gigabit Ethernet interfaces

2 Low-speed serial(sync/async) network interface(s)

DRAM configuration is 64 bits wide with parity disabled.

255K bytes of non-volatile configuration memory.

249856K bytes of ATA System CompactFlash 0 (Read/Write)

--- System Configuration Dialog ---

Would you like to enter the initial configuration dialog? [yes/no]: no

Press RETURN to get started!

Router>en

Router#conf t

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

Router(config)#Hostname Intelligence

Intelligence(config)#no ip domain

Intelligence(config)#no ip domain-

Intelligence(config)#no ip domain-l

Intelligence(config)#no ip domain-lookup

Intelligence(config)#enable secret clss

Intelligence(config)#no enable secret clss

^

% Invalid input detected at '^' marker.

Intelligence(config)#no enable secret

Intelligence(config)#enable secret class

Intelligence(config)#line console 0

Intelligence(config-line)#password cisco

Intelligence(config-line)#login =

^

% Invalid input detected at '^' marker.

Intelligence(config-line)#login

Intelligence(config-line)#exit

Intelligence(config)#line vty 0 4

Intelligence(config-line)#password cisco

Intelligence(config-line)#login

Intelligence(config-line)#exit

Intelligence(config)#interface G0/0/0

%Invalid interface type and number

Intelligence(config)#interface G0/0

Intelligence(config-if)#ip address 192.168.8.1 255.255.255.192

Intelligence(config-if)#exit

Intelligence(config)#copy running-config startup-config

^

% Invalid input detected at '^' marker.

Intelligence(config)#exit

Intelligence#

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

Intelligence#copy running-config startup-config

Destination filename [startup-config]?

Building configuration...

[OK]

Intelligence#

Intelligence#

Intelligence#no shut

^

% Invalid input detected at '^' marker.

Intelligence#

Intelligence#conf t

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

Intelligence(config)#no shut

^

% Invalid input detected at '^' marker.

Intelligence(config)#interface g0/0

Intelligence(config-if)#no shut

Intelligence(config-if)#

%LINK-5-CHANGED: Interface GigabitEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed state to up

Intelligence(config-if)#interface s0/0

%Invalid interface type and number

Intelligence(config)#interface s0/0/0

Intelligence(config-if)#ip address 192.168.8.146 255.255.255.252

Intelligence(config-if)#no shut

Intelligence(config-if)#

%LINK-5-CHANGED: Interface Serial0/0/0, changed state to up

Intelligence(config-if)#

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/0, changed state to up

User Access Verification

Password:

Intelligence>en

Password:

Password:

Intelligence#conf t

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

Intelligence(config)#router rip

Intelligence(config-router)#version 2

Intelligence(config-router)#network 192.168.8.0

Intelligence(config-router)#network 192.168.8.144

Intelligence(config-router)#end

Intelligence#

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

Intelligence#copy s

Intelligence#copy runnin

Intelligence#copy running-config star

Intelligence#copy running-config startup-config

Destination filename [startup-config]?

Building configuration...

[OK]

Intelligence#

Intelligence#

Intelligence con0 is now available

Press RETURN to get started.

User Access Verification

Password:

Intelligence>en

Password:

Intelligence#router rip

^

% Invalid input detected at '^' marker.

Intelligence#conf t

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

Intelligence(config)#router rip

Intelligence(config-router)#version 2

Intelligence(config-router)#no auto-summary

Intelligence(config-router)#

User Access Verification

Password:

Password:

Intelligence>en

Password:

Intelligence#conf t

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

Intelligence(config)#interface G0/0

Intelligence(config-if)#ip hel

Intelligence(config-if)#ip help

Intelligence(config-if)#ip helper-address 192.168.8.67

Intelligence(config-if)#exit

Intelligence(config)#

Intelligence(config)#no shut

^

% Invalid input detected at '^' marker.

Intelligence(config)#interface G0/0

Intelligence(config-if)#no shut

Intelligence(config-if)#

**Wind Protective Site:**

Router>en

Router#erase startup-config

Erasing the nvram filesystem will remove all configuration files! Continue? [confirm]

[OK]

Erase of nvram: complete

%SYS-7-NV\_BLOCK\_INIT: Initialized the geometry of nvram

Router#

Router con0 is now available

Press RETURN to get started.

Router>en

Router#reload

Proceed with reload? [confirm]

--- System Configuration Dialog ---

Would you like to enter the initial configuration dialog? [yes/no]:

% Please answer 'yes' or 'no'.

Would you like to enter the initial configuration dialog? [yes/no]: no

Press RETURN to get started!

Router>en

Router#conf t

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

Router(config)#no ip domain-lookup

Router(config)#enable secret class

Router(config)#line console 0

Router(config-line)#password cisco

Router(config-line)#login

Router(config-line)#exit

Router(config)#line vty 0 4

Router(config-line)#password cisco

Router(config-line)#login

Router(config-line)#exit

Router(config)#

Router>en

Router#conf t

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

Router(config)#hostname Wind

Wind(config)#no ip domain-lookup

Wind(config)#enable secret class

Wind(config)#line console 0

Wind(config-line)#password cisco

Wind(config-line)#login

Wind(config-line)#exit

Wind(config)#line vty 0 4

Wind(config-line)#password cisco

Wind(config-line)#login

Wind(config-line)#exit

Wind(config)#interface G0/0

Wind(config-if)#ip address 192.168.0.1 255.255.252.0

Wind(config-if)#no shut

Wind(config-if)#

%LINK-5-CHANGED: Interface GigabitEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed state to up

Wind(config-if)#exit

Wind(config)#interface S0/0

%Invalid interface type and number

Wind(config)#interface S0/0/0

Wind(config-if)#ip address 192.168.8.142 255.255.255.252

Wind(config-if)#no shut

Wind(config-if)#

%LINK-5-CHANGED: Interface Serial0/0/0, changed state to up

Wind(config-if)#exit

Wind(config)#in

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/0, changed state to up

% Incomplete command.

Wind(config)#interface S0/0/1

Wind(config-if)#ip address 192.168.8.145 255.255.255.252

Wind(config-if)#no shut

%LINK-5-CHANGED: Interface Serial0/0/1, changed state to down

Wind(config-if)#exit

Wind(config)#interface S0/1/0

Wind(config-if)#ip address 192.168.8.149 255.255.255.252

Wind(config-if)#no shut

%LINK-5-CHANGED: Interface Serial0/1/0, changed state to down

Wind(config-if)#

Wind con0 is now available

Press RETURN to get started.

%LINK-5-CHANGED: Interface Serial0/0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/1, changed state to up

%LINK-5-CHANGED: Interface Serial0/1/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/1/0, changed state to up

User Access Verification

Password:

Password:

Wind>en

Password:

Wind#conf t

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

Wind(config)#router rip

Wind(config-router)#version 2

Wind(config-router)#network 192.168.0.0

Wind(config-router)#network 192.168.8.140

Wind(config-router)#network 192.168.8.148

Wind(config-router)#network 192.168.8.144

Wind(config-router)#end

Wind#

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

Wind#copy stat

Wind#copy runn

Wind#copy running-config star

Wind#copy running-config startup-config

Destination filename [startup-config]?

Building configuration...

[OK]

Wind#

**Speed Protective Site:**

Press RETURN to get started!

Router>en

Router#erase st

Router#erase startup-config

Erasing the nvram filesystem will remove all configuration files! Continue? [confirm]

[OK]

Erase of nvram: complete

%SYS-7-NV\_BLOCK\_INIT: Initialized the geometry of nvram

Router#reload

Proceed with reload? [confirm]

System Bootstrap, Version 15.1(4)M4, RELEASE SOFTWARE (fc1)

Technical Support: http://www.cisco.com/techsupport

Copyright (c) 2010 by cisco Systems, Inc.

Total memory size = 512 MB - On-board = 512 MB, DIMM0 = 0 MB

CISCO1941/K9 platform with 524288 Kbytes of main memory

Main memory is configured to 64/-1(On-board/DIMM0) bit mode with ECC disabled

Readonly ROMMON initialized

program load complete, entry point: 0x80803000, size: 0x1b340

program load complete, entry point: 0x80803000, size: 0x1b340

IOS Image Load Test

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Digitally Signed Release Software

program load complete, entry point: 0x81000000, size: 0x2bb1c58

Self decompressing the image :

########################################################################## [OK]

Smart Init is enabled

smart init is sizing iomem

TYPE MEMORY\_REQ

HWIC Slot 0 0x00200000 Onboard devices &

buffer pools 0x01E8F000

-----------------------------------------------

TOTAL: 0x0268F000

Rounded IOMEM up to: 40Mb.

Using 6 percent iomem. [40Mb/512Mb]

Restricted Rights Legend

Use, duplication, or disclosure by the Government is

subject to restrictions as set forth in subparagraph

(c) of the Commercial Computer Software - Restricted

Rights clause at FAR sec. 52.227-19 and subparagraph

(c) (1) (ii) of the Rights in Technical Data and Computer

Software clause at DFARS sec. 252.227-7013.

cisco Systems, Inc.

170 West Tasman Drive

San Jose, California 95134-1706

Cisco IOS Software, C1900 Software (C1900-UNIVERSALK9-M), Version 15.1(4)M4, RELEASE SOFTWARE (fc2)

Technical Support: http://www.cisco.com/techsupport

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Compiled Thurs 5-Jan-12 15:41 by pt\_team

Image text-base: 0x2100F918, data-base: 0x24729040

This product contains cryptographic features and is subject to United

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A summary of U.S. laws governing Cisco cryptographic products may be found at:

http://www.cisco.com/wwl/export/crypto/tool/stqrg.html

If you require further assistance please contact us by sending email to

export@cisco.com.

Cisco CISCO1941/K9 (revision 1.0) with 491520K/32768K bytes of memory.

Processor board ID FTX152400KS

2 Gigabit Ethernet interfaces

2 Low-speed serial(sync/async) network interface(s)

DRAM configuration is 64 bits wide with parity disabled.

255K bytes of non-volatile configuration memory.

249856K bytes of ATA System CompactFlash 0 (Read/Write)

--- System Configuration Dialog ---

Would you like to enter the initial configuration dialog? [yes/no]: no

Press RETURN to get started!

Router>en

Router#conf t

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

Router(config)#exit

Router#

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

Router#copy running-config startup-config

Destination filename [startup-config]?

Building configuration...

[OK]

Router#en

Router#conf t

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

Router(config)#no ip domain-l

Router(config)#no ip domain-lookup

Router(config)#enable secret class

Router(config)#line console 0

Router(config-line)#password cisco

Router(config-line)#login

Router(config-line)#exit

Router(config)#line vty 0 4

Router(config-line)#password cisco

Router(config-line)#login

Router(config-line)#exit

Router(config)#interface G0/0/0

%Invalid interface type and number

Router(config)#interface G0/0

Router(config-if)#ip address 192.168.4.1

% Incomplete command.

Router(config-if)#ip address 192.168.4.1 255.255.254.0

Router(config-if)#no shut

Router(config-if)#

%LINK-5-CHANGED: Interface GigabitEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed state to up

Router(config-if)#exit

Router(config)#

Router(config)#exit

Router#

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

Router#copy running-config startup-config

Destination filename [startup-config]?

Building configuration...

[OK]

Router#en

Router#conf t

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

Router(config)#interface S0/0/0

Router(config-if)#ip address 192.168.8.150 255.255.255.252

Router(config-if)#no shut

Router(config-if)#

%LINK-5-CHANGED: Interface Serial0/0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/0, changed state to up

User Access Verification

Password:

Router>en

Password:

Router#conf t

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

Router(config)#router rip

Router(config-router)#versi

Router(config-router)#version 2

Router(config-router)#network 192.168.4.0

Router(config-router)#network 192.168.8.148

Router(config-router)#end

Router#

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

Router#copy run

Router#copy running-config sta

Router#copy running-config startup-config

Destination filename [startup-config]?

Building configuration...

[OK]

User Access Verification

Password:

Password:

Password:

Wind>en

Password:

Password:

Wind#conf t

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

Wind(config)#inter

Wind(config)#interface g0/0

Wind(config-if)#ip add

Wind(config-if)#ip help

Wind(config-if)#ip helper-address 192.168.8.67

Wind(config-if)#no shut

Wind(config-if)#end

Wind#

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