!

! Last configuration change at 22:49:54 AWST Tue Sep 15 2015

!

version 15.4

service timestamps debug datetime msec

service timestamps log datetime msec

no service password-encryption

!

hostname R1

!

boot-start-marker

boot-end-marker

!

aqm-register-fnf

!

logging discriminator EXCESS severity drops 6 msg-body drops EXCESSCOLL

logging buffered 50000

logging console discriminator EXCESS

enable password cisco

!

no aaa new-model

clock timezone AWST 8 0

mmi polling-interval 60

no mmi auto-configure

no mmi pvc

mmi snmp-timeout 180

no ip icmp rate-limit unreachable

!

!

!

!

!

!

!

!

!

!

!

!

no ip domain lookup

ip domain name advroute.com

ip cef

no ipv6 cef

!

multilink bundle-name authenticated

!

!

!

!

!

!

!

!

username admin privilege 15 password 0 admin

username cisco password 0 cisco

!

redundancy

!

no cdp log mismatch duplex

!

ip tcp synwait-time 5

!

!

!

!

!

!

!

!

!

!

!

!

!

interface Loopback0

ip address 150.1.1.1 255.255.255.0

!

interface Ethernet0/0

no ip address

shutdown

!

interface Ethernet0/1

no ip address

shutdown

!

interface Ethernet0/2

no ip address

shutdown

!

interface Ethernet0/3

no ip address

shutdown

!

interface Ethernet1/0

no ip address

shutdown

!

interface Ethernet1/1

no ip address

shutdown

!

interface Ethernet1/2

no ip address

shutdown

!

interface Ethernet1/3

no ip address

shutdown

!

interface Serial2/0

bandwidth 512

ip address 191.1.125.1 255.255.255.0

encapsulation frame-relay

ip ospf message-digest-key 1 md5 CISCO123

ip ospf network point-to-multipoint

ip ospf 1 area 0

serial restart-delay 0

frame-relay map ip 191.1.125.1 102

frame-relay map ip 191.1.125.2 102 broadcast

frame-relay map ip 191.1.125.5 105 broadcast

no frame-relay inverse-arp

!

interface Serial2/1

bandwidth 256

ip address 191.1.13.1 255.255.255.0

ip ospf authentication-key CCNP1234

ip ospf 1 area 13

serial restart-delay 0

!

interface Serial2/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/3

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/0

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/1

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/3

no ip address

shutdown

serial restart-delay 0

!

router ospf 1

auto-cost reference-bandwidth 1000

area 0 authentication message-digest

area 13 authentication

redistribute connected subnets route-map REDISTRIBUTE-LOOPBACK0

!

ip forward-protocol nd

!

!

no ip http server

no ip http secure-server

!

!

route-map REDISTRIBUTE-LOOPBACK0 permit 10

match interface Loopback0

!

!

!

control-plane

!

!

!

!

!

!

!

alias exec srb sh run | beg

alias exec srs sh run | sec

alias exec sri sh run | incl

alias exec siib sh ip int brief

alias exec siibu sh ip int brief | include up

alias exec srint sh run interface

alias exec wrx copy run unix:

alias exec diff sh archive config diff unix:start.cfg unix:running-config

alias exec sro sh ip route ospf

alias exec sro6 sh ipv6 route ospf

alias exec sre sh ip route eigrp

alias exec sre6 sh ipv6 route eigrp

!

line con 0

exec-timeout 0 0

privilege level 15

logging synchronous

line aux 0

exec-timeout 0 0

privilege level 15

line vty 0 4

privilege level 15

password cisco

login

length 0

transport input all

!

!

end

!

! Last configuration change at 23:04:37 AWST Tue Sep 15 2015

!

version 15.4

service timestamps debug datetime msec

service timestamps log datetime msec

no service password-encryption

!

hostname R2

!

boot-start-marker

boot-end-marker

!

aqm-register-fnf

!

logging discriminator EXCESS severity drops 6 msg-body drops EXCESSCOLL

logging buffered 50000

logging console discriminator EXCESS

enable password cisco

!

no aaa new-model

clock timezone AWST 8 0

mmi polling-interval 60

no mmi auto-configure

no mmi pvc

mmi snmp-timeout 180

no ip icmp rate-limit unreachable

!

!

!

!

!

!

!

!

!

!

!

!

no ip domain lookup

ip domain name advroute.com

ip cef

no ipv6 cef

!

multilink bundle-name authenticated

!

!

!

!

!

!

!

!

username admin privilege 15 password 0 admin

username cisco password 0 cisco

!

redundancy

!

no cdp log mismatch duplex

!

ip tcp synwait-time 5

!

!

!

!

!

!

!

!

!

!

!

!

!

interface Loopback0

ip address 150.1.2.2 255.255.255.0

!

interface Ethernet0/0

ip address 191.1.27.2 255.255.255.0

ip ospf authentication-key CCNP1234

ip ospf 1 area 27

!

interface Ethernet0/1

no ip address

shutdown

!

interface Ethernet0/2

no ip address

shutdown

!

interface Ethernet0/3

no ip address

shutdown

!

interface Ethernet1/0

no ip address

shutdown

!

interface Ethernet1/1

no ip address

shutdown

!

interface Ethernet1/2

no ip address

shutdown

!

interface Ethernet1/3

no ip address

shutdown

!

interface Serial2/0

bandwidth 256

ip address 191.1.125.2 255.255.255.0

encapsulation frame-relay

ip ospf message-digest-key 1 md5 CISCO123

ip ospf network point-to-multipoint

ip ospf 1 area 0

serial restart-delay 0

frame-relay map ip 191.1.125.1 201 broadcast

frame-relay map ip 191.1.125.2 201

frame-relay map ip 191.1.125.5 201

no frame-relay inverse-arp

!

interface Serial2/1

bandwidth 256

ip address 191.1.23.2 255.255.255.0

ip ospf authentication-key CCNP1234

ip ospf 1 area 23

serial restart-delay 0

!

interface Serial2/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/3

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/0

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/1

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/3

no ip address

shutdown

serial restart-delay 0

!

router ospf 1

auto-cost reference-bandwidth 1000

area 0 authentication message-digest

area 23 authentication

area 23 virtual-link 150.1.3.3 authentication message-digest

area 23 virtual-link 150.1.3.3 message-digest-key 1 md5 CISCO123

area 27 authentication

area 27 nssa no-summary

redistribute connected subnets route-map REDISTRIBUTE-LOOPBACK0

!

ip forward-protocol nd

!

!

no ip http server

no ip http secure-server

!

!

route-map REDISTRIBUTE-LOOPBACK0 permit 10

match interface Loopback0

!

!

!

control-plane

!

!

!

!

!

!

!

alias exec srb sh run | beg

alias exec srs sh run | sec

alias exec sri sh run | incl

alias exec siib sh ip int brief

alias exec siibu sh ip int brief | include up

alias exec srint sh run interface

alias exec wrx copy run unix:

alias exec diff sh archive config diff unix:start.cfg unix:running-config

!

line con 0

exec-timeout 0 0

privilege level 15

logging synchronous

line aux 0

exec-timeout 0 0

privilege level 15

line vty 0 4

privilege level 15

password cisco

login

length 0

transport input all

!

!

end

!

version 15.4

service timestamps debug datetime msec

service timestamps log datetime msec

no service password-encryption

!

hostname R3

!

boot-start-marker

boot-end-marker

!

aqm-register-fnf

!

logging discriminator EXCESS severity drops 6 msg-body drops EXCESSCOLL

logging buffered 50000

enable password cisco

!

no aaa new-model

clock timezone AWST 8 0

mmi polling-interval 60

no mmi auto-configure

no mmi pvc

mmi snmp-timeout 180

no ip icmp rate-limit unreachable

!

!

!

!

!

!

!

!

!

!

!

!

no ip domain lookup

ip domain name advroute.com

ip cef

no ipv6 cef

!

multilink bundle-name authenticated

!

!

!

!

!

!

!

!

username admin privilege 15 password 0 admin

username cisco password 0 cisco

!

redundancy

!

no cdp log mismatch duplex

!

ip tcp synwait-time 5

!

!

!

!

!

!

!

!

!

!

!

!

!

interface Loopback0

ip address 150.1.3.3 255.255.255.0

!

interface Ethernet0/0

no ip address

shutdown

!

interface Ethernet0/1

ip address 204.12.1.3 255.255.255.0

!

interface Ethernet0/2

no ip address

shutdown

!

interface Ethernet0/3

no ip address

shutdown

!

interface Ethernet1/0

no ip address

shutdown

!

interface Ethernet1/1

no ip address

shutdown

!

interface Ethernet1/2

no ip address

shutdown

!

interface Ethernet1/3

no ip address

shutdown

!

interface Serial2/0

bandwidth 128

ip address 191.1.34.3 255.255.255.0

ip ospf authentication-key CCNP1234

serial restart-delay 0

!

interface Serial2/1

bandwidth 1540

ip address 192.10.1.3 255.255.255.0

serial restart-delay 0

!

interface Serial2/2

bandwidth 256

ip address 191.1.13.3 255.255.255.0

ip ospf authentication-key CCNP1234

serial restart-delay 0

!

interface Serial2/3

bandwidth 256

ip address 191.1.23.3 255.255.255.0

ip ospf authentication-key CCNP1234

serial restart-delay 0

!

interface Serial3/0

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/1

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/3

no ip address

shutdown

serial restart-delay 0

!

router ospf 1

auto-cost reference-bandwidth 1000

area 0 authentication message-digest

area 13 authentication

area 23 authentication

area 23 virtual-link 150.1.2.2 authentication message-digest

area 23 virtual-link 150.1.2.2 message-digest-key 1 md5 CISCO123

area 34 authentication

area 34 virtual-link 150.1.4.4 authentication message-digest

area 34 virtual-link 150.1.4.4 message-digest-key 1 md5 CISCO123

redistribute connected subnets route-map REDISTRIBUTE-LOOPBACK0

redistribute rip metric 99999 subnets route-map RIP2OSPF

network 191.1.13.0 0.0.0.255 area 13

network 191.1.23.0 0.0.0.255 area 23

network 191.1.34.0 0.0.0.255 area 34

default-information originate route-map R3DEFAULT

!

router rip

version 2

redistribute connected metric 1 route-map CONNECTED->RIP

redistribute ospf 1 metric 1

network 204.12.1.0

distance 255 204.12.1.254 0.0.0.0 1

no auto-summary

!

router bgp 200

bgp log-neighbor-changes

redistribute static

neighbor 192.10.1.254 remote-as 254

neighbor 192.10.1.254 password CISCO

neighbor 204.12.1.6 remote-as 100

!

ip forward-protocol nd

!

!

no ip http server

no ip http secure-server

ip route 150.1.0.0 255.255.240.0 Null0

ip route 191.1.0.0 255.255.0.0 Null0

!

!

ip prefix-list R6LOOP seq 5 permit 150.1.6.0/24

!

ip prefix-list TOBBR2 seq 5 permit 192.10.1.0/24

!

ip prefix-list TOBBR3 seq 5 permit 204.12.1.0/24

!

route-map CONNECTED->RIP permit 10

match interface Ethernet0/0 Loopback0 Serial2/0 Serial2/1 Serial2/2 Serial2/3

!

route-map REDISTRIBUTE-LOOPBACK0 permit 10

match interface Loopback0

!

route-map R3DEFAULT permit 10

match ip address prefix-list TOBBR2 TOBBR3

!

route-map RIP2OSPF permit 10

match ip address prefix-list R6LOOP

!

!

access-list 1 permit 1.0.0.0 254.255.255.255

!

control-plane

!

!

!

!

!

!

!

alias exec srb sh run | beg

alias exec srs sh run | sec

alias exec sri sh run | incl

alias exec siib sh ip int brief

alias exec siibu sh ip int brief | include up

alias exec srint sh run interface

alias exec wrx copy run unix:

alias exec diff sh archive config diff unix:start.cfg unix:running-config

alias exec sro sh ip route ospf

alias exec sro6 sh ipv6 route ospf

alias exec sre sh ip route eigrp

alias exec sre6 sh ipv6 route eigrp

!

line con 0

exec-timeout 0 0

privilege level 15

logging synchronous

line aux 0

exec-timeout 0 0

privilege level 15

line vty 0 4

privilege level 15

password cisco

login

length 0

transport input all

!

!

end

!

version 15.4

service timestamps debug datetime msec

service timestamps log datetime msec

no service password-encryption

!

hostname R4

!

boot-start-marker

boot-end-marker

!

aqm-register-fnf

!

logging discriminator EXCESS severity drops 6 msg-body drops EXCESSCOLL

logging buffered 50000

logging console discriminator EXCESS

enable password cisco

!

no aaa new-model

clock timezone AWST 8 0

mmi polling-interval 60

no mmi auto-configure

no mmi pvc

mmi snmp-timeout 180

no ip icmp rate-limit unreachable

!

!

!

!

!

!

!

!

!

!

!

!

no ip domain lookup

ip domain name advroute.com

ip cef

no ipv6 cef

!

multilink bundle-name authenticated

!

!

!

!

!

!

!

!

username admin privilege 15 password 0 admin

username cisco password 0 cisco

!

redundancy

!

no cdp log mismatch duplex

!

ip tcp synwait-time 5

!

!

!

!

!

!

!

!

!

!

!

!

!

interface Loopback0

ip address 150.1.4.4 255.255.255.0

!

interface Tunnel1

ip address 191.1.46.4 255.255.255.0

no ip route-cache

tunnel source 150.1.4.4

tunnel destination 150.1.6.6

tunnel checksum

!

interface Ethernet0/0

ip address 191.1.45.4 255.255.255.0

ip ospf authentication-key CCNP1234

!

interface Ethernet0/1

ip address 191.1.48.4 255.255.255.0

ip policy route-map AREA-27-POLICY

ip ospf authentication-key CCNP1234

!

interface Ethernet0/2

ip address 191.1.40.4 255.255.255.0

ip ospf authentication-key CCNP1234

!

interface Ethernet0/3

ip address 191.1.49.4 255.255.255.0

ip ospf authentication-key CCNP1234

!

interface Ethernet1/0

ip address 191.1.4.4 255.255.255.0

!

interface Ethernet1/1

no ip address

shutdown

!

interface Ethernet1/2

no ip address

shutdown

!

interface Ethernet1/3

no ip address

shutdown

!

interface Serial2/0

bandwidth 128

ip address 191.1.34.4 255.255.255.0

ip ospf authentication-key CCNP1234

ip ospf message-digest-key 1 md5 CISCO123

serial restart-delay 0

!

interface Serial2/1

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/3

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/0

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/1

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/3

no ip address

shutdown

serial restart-delay 0

!

!

router eigrp 10

network 191.1.4.0 0.0.0.255

network 191.1.46.0 0.0.0.255

!

router ospf 1

auto-cost reference-bandwidth 1000

area 0 authentication message-digest

area 5 authentication

area 34 authentication

area 34 virtual-link 150.1.3.3 authentication message-digest

area 34 virtual-link 150.1.3.3 message-digest-key 1 md5 CISCO123

area 45 authentication

area 45 virtual-link 150.1.5.5 authentication message-digest

area 45 virtual-link 150.1.5.5 message-digest-key 1 md5 CISCO123

area 48 authentication

area 90 authentication

area 90 range 10.236.0.0 255.252.0.0

area 90 range 10.240.0.0 255.252.0.0

redistribute connected subnets route-map REDISTRIBUTE-LOOPBACK0

network 191.1.34.0 0.0.0.255 area 34

network 191.1.40.0 0.0.0.255 area 90

network 191.1.45.0 0.0.0.255 area 45

network 191.1.48.0 0.0.0.255 area 48

network 191.1.49.0 0.0.0.255 area 90

!

router bgp 100

bgp log-neighbor-changes

neighbor 191.1.46.6 remote-as 100

!

ip forward-protocol nd

!

!

no ip http server

no ip http secure-server

!

!

route-map REDISTRIBUTE-LOOPBACK0 permit 10

match interface Loopback0

!

route-map AREA-27-POLICY permit 10

match ip address 101

set interface Serial2/0

!

!

access-list 101 permit ip host 191.1.48.8 191.1.7.0 0.0.0.255

access-list 101 permit ip host 10.145.82.94 191.1.7.0 0.0.0.255

access-list 101 permit ip host 150.1.8.8 191.1.7.0 0.0.0.255

!

control-plane

!

!

!

!

!

!

!

alias exec srb sh run | beg

alias exec srs sh run | sec

alias exec sri sh run | incl

alias exec siib sh ip int brief

alias exec siibu sh ip int brief | include up

alias exec srint sh run interface

alias exec wrx copy run unix:

alias exec diff sh archive config diff unix:start.cfg unix:running-config

alias exec sro sh ip route ospf

alias exec sro6 sh ipv6 route ospf

alias exec sre sh ip route eigrp

alias exec sre6 sh ipv6 route eigrp

!

line con 0

exec-timeout 0 0

privilege level 15

logging synchronous

line aux 0

exec-timeout 0 0

privilege level 15

line vty 0 4

privilege level 15

password cisco

login

length 0

transport input all

!

!

end

!

! Last configuration change at 23:05:21 AWST Tue Sep 15 2015

!

version 15.4

service timestamps debug datetime msec

service timestamps log datetime msec

no service password-encryption

!

hostname R5

!

boot-start-marker

boot-end-marker

!

aqm-register-fnf

!

logging discriminator EXCESS severity drops 6 msg-body drops EXCESSCOLL

logging buffered 50000

logging console discriminator EXCESS

enable password cisco

!

no aaa new-model

clock timezone AWST 8 0

mmi polling-interval 60

no mmi auto-configure

no mmi pvc

mmi snmp-timeout 180

no ip icmp rate-limit unreachable

!

!

!

!

!

!

!

!

!

!

!

!

no ip domain lookup

ip domain name advroute.com

ip cef

no ipv6 cef

!

multilink bundle-name authenticated

!

!

!

!

!

!

!

!

username admin privilege 15 password 0 admin

username cisco password 0 cisco

!

redundancy

!

no cdp log mismatch duplex

!

ip tcp synwait-time 5

!

!

!

!

!

!

!

!

!

!

!

!

!

interface Loopback0

ip address 150.1.5.5 255.255.255.0

!

interface Ethernet0/0

ip address 191.1.5.5 255.255.255.0

ip ospf authentication-key CCNP1234

ip ospf 1 area 5

!

interface Ethernet0/1

ip address 191.1.45.5 255.255.255.0

ip ospf authentication-key CCNP1234

ip ospf 1 area 45

!

interface Ethernet0/2

ip address 191.1.59.5 255.255.255.0

ip ospf authentication-key CCNP1234

ip ospf 1 area 90

!

interface Ethernet0/3

ip address 191.1.50.5 255.255.255.0

ip ospf authentication-key CCNP1234

ip ospf 1 area 90

!

interface Ethernet1/0

no ip address

shutdown

!

interface Ethernet1/1

no ip address

shutdown

!

interface Ethernet1/2

no ip address

shutdown

!

interface Ethernet1/3

no ip address

shutdown

!

interface Serial2/0

bandwidth 256

ip address 191.1.125.5 255.255.255.0

encapsulation frame-relay

ip ospf message-digest-key 1 md5 CISCO123

ip ospf network point-to-multipoint

ip ospf 1 area 0

serial restart-delay 0

frame-relay map ip 191.1.125.1 501 broadcast

frame-relay map ip 191.1.125.2 501

frame-relay map ip 191.1.125.5 501

no frame-relay inverse-arp

!

interface Serial2/1

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/3

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/0

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/1

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/3

no ip address

shutdown

serial restart-delay 0

!

router ospf 1

auto-cost reference-bandwidth 1000

area 0 authentication message-digest

area 5 authentication

area 45 authentication

area 45 virtual-link 150.1.4.4 authentication message-digest

area 45 virtual-link 150.1.4.4 message-digest-key 1 md5 CISCO123

area 90 authentication

area 90 range 10.236.0.0 255.252.0.0

area 90 range 10.240.0.0 255.252.0.0

redistribute connected subnets route-map REDISTRIBUTE-LOOPBACK0

!

ip forward-protocol nd

!

!

no ip http server

no ip http secure-server

!

!

route-map REDISTRIBUTE-LOOPBACK0 permit 10

match interface Loopback0

!

!

!

control-plane

!

!

!

!

!

!

!

alias exec srb sh run | beg

alias exec srs sh run | sec

alias exec sri sh run | incl

alias exec siib sh ip int brief

alias exec siibu sh ip int brief | include up

alias exec srint sh run interface

alias exec wrx copy run unix:

alias exec diff sh archive config diff unix:start.cfg unix:running-config

alias exec sro sh ip route ospf

alias exec sro6 sh ipv6 route ospf

alias exec sre sh ip route eigrp

alias exec sre6 sh ipv6 route eigrp

!

line con 0

exec-timeout 0 0

privilege level 15

logging synchronous

line aux 0

exec-timeout 0 0

privilege level 15

line vty 0 4

privilege level 15

password cisco

login

length 0

transport input all

!

!

end

!

! Last configuration change at 22:04:10 AWST Mon Sep 21 2015

!

version 15.4

service timestamps debug datetime msec

service timestamps log datetime msec

no service password-encryption

!

hostname R6

!

boot-start-marker

boot-end-marker

!

aqm-register-fnf

!

logging discriminator EXCESS severity drops 6 msg-body drops EXCESSCOLL

logging buffered 50000

logging console discriminator EXCESS

enable password cisco

!

no aaa new-model

clock timezone AWST 8 0

mmi polling-interval 60

no mmi auto-configure

no mmi pvc

mmi snmp-timeout 180

no ip icmp rate-limit unreachable

!

!

!

!

!

!

!

!

!

!

!

!

no ip domain lookup

ip domain name advroute.com

ip cef

no ipv6 cef

!

multilink bundle-name authenticated

!

!

!

!

!

!

!

!

username admin privilege 15 password 0 admin

username cisco password 0 cisco

!

redundancy

!

no cdp log mismatch duplex

!

ip tcp synwait-time 5

!

!

!

!

!

!

!

!

!

!

!

!

!

interface Loopback0

ip address 150.1.6.6 255.255.255.0

!

interface Tunnel1

ip address 191.1.46.6 255.255.255.0

no ip route-cache

tunnel source 150.1.6.6

tunnel destination 150.1.4.4

tunnel checksum

!

interface Ethernet0/0

ip address 191.1.6.6 255.255.255.0

!

interface Ethernet0/1

ip address 204.12.1.6 255.255.255.0

!

interface Ethernet0/2

no ip address

shutdown

!

interface Ethernet0/3

no ip address

shutdown

!

interface Ethernet1/0

no ip address

shutdown

!

interface Ethernet1/1

no ip address

shutdown

!

interface Ethernet1/2

no ip address

shutdown

!

interface Ethernet1/3

no ip address

shutdown

!

interface Serial2/0

ip address 54.1.3.6 255.255.255.0

encapsulation frame-relay

serial restart-delay 0

frame-relay map ip 54.1.3.6 61

frame-relay map ip 54.1.3.254 61 broadcast

no frame-relay inverse-arp

!

interface Serial2/1

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/3

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/0

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/1

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/3

no ip address

shutdown

serial restart-delay 0

!

!

router eigrp 10

network 54.1.3.0 0.0.0.255

network 191.1.46.0 0.0.0.255

!

router rip

version 2

network 150.1.0.0

network 204.12.1.0

no auto-summary

!

router bgp 100

bgp log-neighbor-changes

bgp dampening route-map R6DAMPEN

neighbor 54.1.3.254 remote-as 54

neighbor 54.1.3.254 route-map BBR3 in

neighbor 191.1.46.4 remote-as 100

neighbor 204.12.1.3 remote-as 200

neighbor 204.12.1.254 remote-as 54

neighbor 204.12.1.254 route-map FROM\_BBR3 in

!

ip forward-protocol nd

!

ip as-path access-list 1 permit ^54$

!

no ip http server

no ip http secure-server

!

!

ip prefix-list R6DAMPEN\_LIST seq 5 permit 112.0.0.0/7 ge 8 le 8

!

ip prefix-list SLASH\_20\_AND\_UNDER seq 5 permit 0.0.0.0/0 ge 21

!

route-map FROM\_BBR3 deny 10

match ip address prefix-list SLASH\_20\_AND\_UNDER

!

route-map FROM\_BBR3 permit 100

!

route-map BBR3 deny 5

match ip address prefix-list SLASH\_20\_AND\_UNDER

!

route-map BBR3 permit 10

match as-path 1

set weight 100

!

route-map BBR3 permit 100

!

route-map R6DAMPEN permit 10

match ip address prefix-list R6DAMPEN\_LIST

set dampening 15 750 2000 60

!

!

!

control-plane

!

!

!

!

!

!

!

alias exec srb sh run | beg

alias exec srs sh run | sec

alias exec sri sh run | incl

alias exec siib sh ip int brief

alias exec siibu sh ip int brief | include up

alias exec srint sh run interface

alias exec wrx copy run unix:

alias exec diff sh archive config diff unix:start.cfg unix:running-config

alias exec sro sh ip route ospf

alias exec sro6 sh ipv6 route ospf

alias exec sre sh ip route eigrp

alias exec sre6 sh ipv6 route eigrp

!

line con 0

exec-timeout 0 0

privilege level 15

logging synchronous

line aux 0

exec-timeout 0 0

privilege level 15

line vty 0 4

privilege level 15

password cisco

login

length 0

transport input all

!

!

end

!

! Last configuration change at 23:05:47 AWST Tue Sep 15 2015

!

version 15.4

service timestamps debug datetime msec

service timestamps log datetime msec

no service password-encryption

!

hostname R7

!

boot-start-marker

boot-end-marker

!

aqm-register-fnf

!

logging discriminator EXCESS severity drops 6 msg-body drops EXCESSCOLL

logging buffered 50000

logging console discriminator EXCESS

enable password cisco

!

no aaa new-model

clock timezone AWST 8 0

mmi polling-interval 60

no mmi auto-configure

no mmi pvc

mmi snmp-timeout 180

no ip icmp rate-limit unreachable

!

!

!

!

!

!

!

!

!

!

!

!

no ip domain lookup

ip domain name advroute.com

ip cef

no ipv6 cef

!

multilink bundle-name authenticated

!

!

!

!

!

!

!

!

username admin privilege 15 password 0 admin

username cisco password 0 cisco

!

redundancy

!

no cdp log mismatch duplex

!

ip tcp synwait-time 5

!

!

!

!

!

!

!

!

!

!

!

!

!

interface Loopback0

ip address 150.1.7.7 255.255.255.0

!

interface Loopback125

ip address 10.225.0.1 255.255.0.0

!

interface Loopback126

ip address 10.226.0.1 255.255.0.0

!

interface Loopback127

ip address 10.227.0.1 255.255.0.0

!

interface Loopback128

ip address 10.228.0.1 255.255.0.0

!

interface Loopback129

ip address 10.229.0.1 255.255.0.0

!

interface Loopback130

ip address 10.230.0.1 255.255.0.0

!

interface Loopback131

ip address 10.231.0.1 255.255.0.0

!

interface Loopback132

ip address 10.232.0.1 255.255.0.0

!

interface Loopback133

ip address 10.233.0.1 255.255.0.0

!

interface Loopback134

ip address 10.234.0.1 255.255.0.0

!

interface Ethernet0/0

ip address 191.1.27.7 255.255.255.0

ip ospf authentication-key CCNP1234

!

interface Ethernet0/1

ip address 191.1.7.7 255.255.255.0

!

interface Ethernet0/2

ip address 191.1.77.7 255.255.255.0

!

interface Ethernet0/3

ip address 191.1.177.7 255.255.255.0

!

interface Ethernet1/0

no ip address

shutdown

!

interface Ethernet1/1

no ip address

shutdown

!

interface Ethernet1/2

no ip address

shutdown

!

interface Ethernet1/3

no ip address

shutdown

!

interface Serial2/0

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/1

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/3

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/0

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/1

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/3

no ip address

shutdown

serial restart-delay 0

!

router ospf 1

auto-cost reference-bandwidth 1000

area 27 authentication

area 27 nssa

summary-address 10.226.0.0 255.254.0.0

summary-address 10.228.0.0 255.252.0.0

summary-address 10.232.0.0 255.254.0.0

redistribute connected subnets route-map REDISTRIBUTE-LOOPBACK0

network 191.1.7.0 0.0.0.255 area 27

network 191.1.27.0 0.0.0.255 area 27

network 191.1.77.0 0.0.0.255 area 27

network 191.1.177.0 0.0.0.255 area 27

!

ip forward-protocol nd

!

!

no ip http server

no ip http secure-server

!

!

route-map REDISTRIBUTE-LOOPBACK0 permit 10

match interface Loopback0

!

route-map REDISTRIBUTE-LOOPBACK0 permit 20

match ip address 1

!

!

access-list 1 permit 10.225.0.0 0.0.255.255

access-list 1 permit 10.226.0.0 0.1.255.255

access-list 1 permit 10.228.0.0 0.3.255.255

access-list 1 permit 10.232.0.0 0.1.255.255

access-list 1 permit 10.234.0.0 0.0.255.255

!

control-plane

!

!

!

!

!

!

!

alias exec srb sh run | beg

alias exec srs sh run | sec

alias exec sri sh run | incl

alias exec siib sh ip int brief

alias exec siibu sh ip int brief | include up

alias exec srint sh run interface

alias exec wrx copy run unix:

alias exec diff sh archive config diff unix:start.cfg unix:running-config

alias exec sro sh ip route ospf

alias exec sro6 sh ipv6 route ospf

alias exec sre sh ip route eigrp

alias exec sre6 sh ipv6 route eigrp

!

line con 0

exec-timeout 0 0

privilege level 15

logging synchronous

line aux 0

exec-timeout 0 0

privilege level 15

line vty 0 4

privilege level 15

password cisco

login

length 0

transport input all

!

!

end

!

! Last configuration change at 23:38:50 AWST Tue Sep 15 2015

!

version 15.4

service timestamps debug datetime msec

service timestamps log datetime msec

no service password-encryption

!

hostname R8

!

boot-start-marker

boot-end-marker

!

aqm-register-fnf

!

logging discriminator EXCESS severity drops 6 msg-body drops EXCESSCOLL

logging buffered 50000

logging console discriminator EXCESS

enable password cisco

!

no aaa new-model

clock timezone AWST 8 0

mmi polling-interval 60

no mmi auto-configure

no mmi pvc

mmi snmp-timeout 180

no ip icmp rate-limit unreachable

!

!

!

!

!

!

!

!

!

!

!

!

no ip domain lookup

ip domain name advroute.com

ip cef

no ipv6 cef

!

multilink bundle-name authenticated

!

!

!

!

!

!

!

!

username admin privilege 15 password 0 admin

username cisco password 0 cisco

!

redundancy

!

no cdp log mismatch duplex

!

ip tcp synwait-time 5

!

!

!

!

!

!

!

!

!

!

!

!

!

interface Loopback0

ip address 150.1.8.8 255.255.255.0

!

interface Ethernet0/0

ip address 191.1.48.8 255.255.255.0

ip ospf authentication-key CCNP1234

!

interface Ethernet0/1

no ip address

shutdown

!

interface Ethernet0/2

no ip address

shutdown

!

interface Ethernet0/3

no ip address

shutdown

!

interface Ethernet1/0

no ip address

shutdown

!

interface Ethernet1/1

no ip address

shutdown

!

interface Ethernet1/2

no ip address

shutdown

!

interface Ethernet1/3

no ip address

shutdown

!

interface Serial2/0

bandwidth 512

ip address 10.145.82.94 255.255.255.224

encapsulation frame-relay

ip ospf authentication-key CCNP1234

ip ospf network point-to-multipoint

ip ospf 1 area 48

serial restart-delay 0

frame-relay map ip 10.145.82.94 811

frame-relay map ip 10.145.82.65 811 broadcast

frame-relay map ip 10.145.82.66 812 broadcast

no frame-relay inverse-arp

!

interface Serial2/1

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/3

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/0

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/1

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/3

no ip address

shutdown

serial restart-delay 0

!

router ospf 1

auto-cost reference-bandwidth 1000

area 48 authentication

redistribute connected subnets route-map REDISTRIBUTE-LOOPBACK0

network 191.1.48.0 0.0.0.255 area 48

!

ip forward-protocol nd

!

!

no ip http server

no ip http secure-server

!

!

route-map REDISTRIBUTE-LOOPBACK0 permit 10

match interface Loopback0

!

!

!

control-plane

!

!

!

!

!

!

!

alias exec srb sh run | beg

alias exec srs sh run | sec

alias exec sri sh run | incl

alias exec siib sh ip int brief

alias exec siibu sh ip int brief | include up

alias exec srint sh run interface

alias exec wrx copy run unix:

alias exec diff sh archive config diff unix:start.cfg unix:running-config

alias exec sro sh ip route ospf

alias exec sro6 sh ipv6 route ospf

alias exec sre sh ip route eigrp

alias exec sre6 sh ipv6 route eigrp

!

line con 0

exec-timeout 0 0

privilege level 15

logging synchronous

line aux 0

exec-timeout 0 0

privilege level 15

line vty 0 4

privilege level 15

password cisco

login

length 0

transport input all

!

!

end

! Last configuration change at 23:06:22 AWST Tue Sep 15 2015

!

version 15.4

service timestamps debug datetime msec

service timestamps log datetime msec

no service password-encryption

!

hostname R9

!

boot-start-marker

boot-end-marker

!

aqm-register-fnf

!

logging discriminator EXCESS severity drops 6 msg-body drops EXCESSCOLL

logging buffered 50000

logging console discriminator EXCESS

enable password cisco

!

no aaa new-model

clock timezone AWST 8 0

mmi polling-interval 60

no mmi auto-configure

no mmi pvc

mmi snmp-timeout 180

no ip icmp rate-limit unreachable

!

!

!

!

!

!

!

!

!

!

!

!

no ip domain lookup

ip domain name advroute.com

ip cef

no ipv6 cef

!

multilink bundle-name authenticated

!

!

!

!

!

!

!

!

username admin privilege 15 password 0 admin

username cisco password 0 cisco

!

redundancy

!

no cdp log mismatch duplex

!

ip tcp synwait-time 5

!

!

!

!

!

!

!

!

!

!

!

!

!

interface Loopback0

ip address 150.1.9.9 255.255.255.0

!

interface Loopback125

ip address 10.235.0.1 255.255.0.0

ip ospf network point-to-point

!

interface Loopback126

ip address 10.236.0.1 255.255.0.0

ip ospf network point-to-point

!

interface Loopback127

ip address 10.237.0.1 255.255.0.0

ip ospf network point-to-point

!

interface Loopback128

ip address 10.238.0.1 255.255.0.0

ip ospf network point-to-point

!

interface Ethernet0/0

ip address 191.1.49.9 255.255.255.0

ip ospf authentication-key CCNP1234

!

interface Ethernet0/1

ip address 191.1.59.9 255.255.255.0

ip ospf authentication-key CCNP1234

!

interface Ethernet0/2

no ip address

shutdown

!

interface Ethernet0/3

no ip address

shutdown

!

interface Ethernet1/0

no ip address

shutdown

!

interface Ethernet1/1

no ip address

shutdown

!

interface Ethernet1/2

no ip address

shutdown

!

interface Ethernet1/3

no ip address

shutdown

!

interface Serial2/0

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/1

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/3

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/0

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/1

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/3

no ip address

shutdown

serial restart-delay 0

!

router ospf 1

auto-cost reference-bandwidth 1000

area 90 authentication

redistribute connected subnets route-map REDISTRIBUTE-LOOPBACK0

network 10.0.0.0 0.255.255.255 area 90

network 191.1.49.0 0.0.0.255 area 90

network 191.1.59.0 0.0.0.255 area 90

!

ip forward-protocol nd

!

!

no ip http server

no ip http secure-server

!

!

route-map REDISTRIBUTE-LOOPBACK0 permit 10

match interface Loopback0

!

!

!

control-plane

!

!

!

!

!

!

!

alias exec srb sh run | beg

alias exec srs sh run | sec

alias exec sri sh run | incl

alias exec siib sh ip int brief

alias exec siibu sh ip int brief | include up

alias exec srint sh run interface

alias exec wrx copy run unix:

alias exec diff sh archive config diff unix:start.cfg unix:running-config

alias exec sro sh ip route ospf

alias exec sro6 sh ipv6 route ospf

alias exec sre sh ip route eigrp

alias exec sre6 sh ipv6 route eigrp

!

line con 0

exec-timeout 0 0

privilege level 15

logging synchronous

line aux 0

exec-timeout 0 0

privilege level 15

line vty 0 4

privilege level 15

password cisco

login

length 0

transport input all

!

!

end

!

! Last configuration change at 23:06:35 AWST Tue Sep 15 2015

!

version 15.4

service timestamps debug datetime msec

service timestamps log datetime msec

no service password-encryption

!

hostname R10

!

boot-start-marker

boot-end-marker

!

aqm-register-fnf

!

logging discriminator EXCESS severity drops 6 msg-body drops EXCESSCOLL

logging buffered 50000

logging console discriminator EXCESS

enable password cisco

!

no aaa new-model

clock timezone AWST 8 0

mmi polling-interval 60

no mmi auto-configure

no mmi pvc

mmi snmp-timeout 180

no ip icmp rate-limit unreachable

!

!

!

!

!

!

!

!

!

!

!

!

no ip domain lookup

ip domain name advroute.com

ip cef

no ipv6 cef

!

multilink bundle-name authenticated

!

!

!

!

!

!

!

!

username admin privilege 15 password 0 admin

username cisco password 0 cisco

!

redundancy

!

no cdp log mismatch duplex

!

ip tcp synwait-time 5

!

!

!

!

!

!

!

!

!

!

!

!

!

interface Loopback0

ip address 150.1.10.10 255.255.255.0

!

interface Loopback125

ip address 10.239.0.1 255.255.0.0

ip ospf network point-to-point

!

interface Loopback126

ip address 10.240.0.1 255.255.0.0

ip ospf network point-to-point

!

interface Loopback127

ip address 10.241.0.1 255.255.0.0

ip ospf network point-to-point

!

interface Loopback128

ip address 10.242.0.1 255.255.0.0

ip ospf network point-to-point

!

interface Loopback129

ip address 10.243.0.1 255.255.0.0

ip ospf network point-to-point

!

interface Loopback130

ip address 10.244.0.1 255.255.0.0

ip ospf network point-to-point

!

interface Ethernet0/0

ip address 191.1.40.10 255.255.255.0

ip ospf authentication-key CCNP1234

!

interface Ethernet0/1

ip address 191.1.50.10 255.255.255.0

ip ospf authentication-key CCNP1234

!

interface Ethernet0/2

ip address 191.1.10.10 255.255.255.0

!

interface Ethernet0/3

no ip address

shutdown

!

interface Ethernet1/0

no ip address

shutdown

!

interface Ethernet1/1

no ip address

shutdown

!

interface Ethernet1/2

no ip address

shutdown

!

interface Ethernet1/3

no ip address

shutdown

!

interface Serial2/0

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/1

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/3

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/0

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/1

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/3

no ip address

shutdown

serial restart-delay 0

!

router ospf 1

auto-cost reference-bandwidth 1000

area 90 authentication

redistribute connected subnets route-map REDISTRIBUTE-LOOPBACK0

network 10.0.0.0 0.255.255.255 area 90

network 191.1.10.0 0.0.0.255 area 90

network 191.1.40.0 0.0.0.255 area 90

network 191.1.50.0 0.0.0.255 area 90

!

ip forward-protocol nd

!

!

no ip http server

no ip http secure-server

!

!

route-map REDISTRIBUTE-LOOPBACK0 permit 10

match interface Loopback0

!

!

!

control-plane

!

!

!

!

!

!

!

alias exec srb sh run | beg

alias exec srs sh run | sec

alias exec sri sh run | incl

alias exec siib sh ip int brief

alias exec siibu sh ip int brief | include up

alias exec srint sh run interface

alias exec wrx copy run unix:

alias exec diff sh archive config diff unix:start.cfg unix:running-config

alias exec sro sh ip route ospf

alias exec sro6 sh ipv6 route ospf

alias exec sre sh ip route eigrp

alias exec sre6 sh ipv6 route eigrp

!

line con 0

exec-timeout 0 0

privilege level 15

logging synchronous

line aux 0

exec-timeout 0 0

privilege level 15

line vty 0 4

privilege level 15

password cisco

login

length 0

transport input all

!

!

end

!

! Last configuration change at 23:39:20 AWST Tue Sep 15 2015

!

version 15.4

service timestamps debug datetime msec

service timestamps log datetime msec

no service password-encryption

!

hostname R11

!

boot-start-marker

boot-end-marker

!

aqm-register-fnf

!

logging discriminator EXCESS severity drops 6 msg-body drops EXCESSCOLL

logging buffered 50000

logging console discriminator EXCESS

enable password cisco

!

no aaa new-model

clock timezone AWST 8 0

mmi polling-interval 60

no mmi auto-configure

no mmi pvc

mmi snmp-timeout 180

no ip icmp rate-limit unreachable

!

!

!

!

!

!

!

!

!

!

!

!

no ip domain lookup

ip domain name advroute.com

ip cef

no ipv6 cef

!

multilink bundle-name authenticated

!

!

!

!

!

!

!

!

username admin privilege 15 password 0 admin

username cisco password 0 cisco

!

redundancy

!

no cdp log mismatch duplex

!

ip tcp synwait-time 5

!

!

!

!

!

!

!

!

!

!

!

!

!

interface Loopback0

ip address 150.1.11.11 255.255.255.0

!

interface Ethernet0/0

ip address 191.1.128.11 255.255.255.0

!

interface Ethernet0/1

no ip address

shutdown

!

interface Ethernet0/2

no ip address

shutdown

!

interface Ethernet0/3

no ip address

shutdown

!

interface Ethernet1/0

no ip address

shutdown

!

interface Ethernet1/1

no ip address

shutdown

!

interface Ethernet1/2

no ip address

shutdown

!

interface Ethernet1/3

no ip address

shutdown

!

interface Serial2/0

bandwidth 128

ip address 10.145.82.65 255.255.255.224

encapsulation frame-relay

ip ospf authentication-key CCNP1234

ip ospf network point-to-multipoint

ip ospf 1 area 48

serial restart-delay 0

frame-relay map ip 10.145.82.94 118 broadcast

frame-relay map ip 10.145.82.65 118

frame-relay map ip 10.145.82.66 118

no frame-relay inverse-arp

!

interface Serial2/1

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/3

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/0

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/1

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/3

no ip address

shutdown

serial restart-delay 0

!

!

router eigrp 128

network 191.1.128.0 0.0.0.255

redistribute ospf 1 metric 1 1 1 1 1 route-map OSPF2EIGRP

!

router ospf 1

auto-cost reference-bandwidth 1000

area 48 authentication

redistribute connected subnets route-map REDISTRIBUTE-LOOPBACK0

redistribute eigrp 128 subnets route-map EIGRP2OSPF

!

ip forward-protocol nd

!

!

no ip http server

no ip http secure-server

!

!

route-map REDISTRIBUTE-LOOPBACK0 permit 10

match interface Loopback0 Ethernet0/0

!

route-map OSPF2EIGRP deny 10

match tag 111

!

route-map OSPF2EIGRP permit 100

set tag 88

!

route-map EIGRP2OSPF deny 10

match tag 88

!

route-map EIGRP2OSPF permit 100

set tag 111

!

!

!

control-plane

!

!

!

!

!

!

!

alias exec srb sh run | beg

alias exec srs sh run | sec

alias exec sri sh run | incl

alias exec siib sh ip int brief

alias exec siibu sh ip int brief | include up

alias exec srint sh run interface

alias exec wrx copy run unix:

alias exec diff sh archive config diff unix:start.cfg unix:running-config

alias exec sro sh ip route ospf

alias exec sro6 sh ipv6 route ospf

alias exec sre sh ip route eigrp

alias exec sre6 sh ipv6 route eigrp

!

line con 0

exec-timeout 0 0

privilege level 15

logging synchronous

line aux 0

exec-timeout 0 0

privilege level 15

line vty 0 4

privilege level 15

password cisco

login

length 0

transport input all

!

!

end

!

! Last configuration change at 23:39:38 AWST Tue Sep 15 2015

!

version 15.4

service timestamps debug datetime msec

service timestamps log datetime msec

no service password-encryption

!

hostname R12

!

boot-start-marker

boot-end-marker

!

aqm-register-fnf

!

logging discriminator EXCESS severity drops 6 msg-body drops EXCESSCOLL

logging buffered 50000

logging console discriminator EXCESS

enable password cisco

!

no aaa new-model

clock timezone AWST 8 0

mmi polling-interval 60

no mmi auto-configure

no mmi pvc

mmi snmp-timeout 180

no ip icmp rate-limit unreachable

!

!

!

!

!

!

!

!

!

!

!

!

no ip domain lookup

ip domain name advroute.com

ip cef

no ipv6 cef

!

multilink bundle-name authenticated

!

!

!

!

!

!

!

!

username admin privilege 15 password 0 admin

username cisco password 0 cisco

!

redundancy

!

no cdp log mismatch duplex

!

ip tcp synwait-time 5

!

!

!

!

!

!

!

!

!

!

!

!

!

interface Loopback0

ip address 150.1.12.12 255.255.255.0

!

interface Ethernet0/0

ip address 191.1.128.12 255.255.255.0

!

interface Ethernet0/1

no ip address

shutdown

!

interface Ethernet0/2

no ip address

shutdown

!

interface Ethernet0/3

no ip address

shutdown

!

interface Ethernet1/0

no ip address

shutdown

!

interface Ethernet1/1

no ip address

shutdown

!

interface Ethernet1/2

no ip address

shutdown

!

interface Ethernet1/3

no ip address

shutdown

!

interface Serial2/0

bandwidth 384

ip address 10.145.82.66 255.255.255.224

encapsulation frame-relay

ip ospf authentication-key CCNP1234

ip ospf network point-to-multipoint

ip ospf 1 area 48

serial restart-delay 0

frame-relay map ip 10.145.82.94 218 broadcast

frame-relay map ip 10.145.82.65 218

frame-relay map ip 10.145.82.66 218

no frame-relay inverse-arp

!

interface Serial2/1

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/3

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/0

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/1

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/3

no ip address

shutdown

serial restart-delay 0

!

!

router eigrp 128

network 191.1.128.0 0.0.0.255

redistribute ospf 1 metric 1 1 1 1 1 route-map OSPF2EIGRP

!

router ospf 1

auto-cost reference-bandwidth 1000

area 48 authentication

redistribute connected subnets route-map REDISTRIBUTE-LOOPBACK0

redistribute eigrp 128 subnets route-map EIGRP2OSPF

!

ip forward-protocol nd

!

!

no ip http server

no ip http secure-server

!

!

route-map REDISTRIBUTE-LOOPBACK0 permit 10

match interface Loopback0 Ethernet0/0

!

route-map EIGRP2OSPF deny 10

match tag 88

!

route-map EIGRP2OSPF permit 100

set tag 111

!

route-map OSPF2EIGRP deny 10

match tag 111

!

route-map OSPF2EIGRP permit 100

set tag 88

!

!

!

control-plane

!

!

!

!

!

!

!

alias exec srb sh run | beg

alias exec srs sh run | sec

alias exec sri sh run | incl

alias exec siib sh ip int brief

alias exec siibu sh ip int brief | include up

alias exec srint sh run interface

alias exec wrx copy run unix:

alias exec diff sh archive config diff unix:start.cfg unix:running-config

alias exec sro sh ip route ospf

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!

line con 0

exec-timeout 0 0

privilege level 15

logging synchronous

line aux 0

exec-timeout 0 0

privilege level 15

line vty 0 4

privilege level 15

password cisco

login

length 0

transport input all

!

!

end

!

! Last configuration change at 23:36:32 AWST Tue Sep 15 2015

!

version 15.4

service timestamps debug datetime msec

service timestamps log datetime msec

no service password-encryption

!

hostname R13

!

boot-start-marker

boot-end-marker

!

aqm-register-fnf

!

logging discriminator EXCESS severity drops 6 msg-body drops EXCESSCOLL

logging buffered 50000

logging console discriminator EXCESS

enable password cisco

!

no aaa new-model

clock timezone AWST 8 0

mmi polling-interval 60

no mmi auto-configure

no mmi pvc

mmi snmp-timeout 180

no ip icmp rate-limit unreachable

!

!

!

!

!

!

!

!

!

!

!

!

no ip domain lookup

ip domain name advroute.com

ip cef

no ipv6 cef

!

multilink bundle-name authenticated

!

!

!

!

!

!

!

!

username admin privilege 15 password 0 admin

username cisco password 0 cisco

!

redundancy

!

no cdp log mismatch duplex

!

ip tcp synwait-time 5

!

!

!

!

!

!

!

!

!

!

!

!

!

interface Loopback0

ip address 150.1.13.13 255.255.255.0

!

interface Ethernet0/0

ip address 191.1.128.13 255.255.255.0

!

interface Ethernet0/1

ip address 191.1.129.13 255.255.255.0

!

interface Ethernet0/2

no ip address

shutdown

!

interface Ethernet0/3

no ip address

shutdown

!

interface Ethernet1/0

no ip address

shutdown

!

interface Ethernet1/1

no ip address

shutdown

!

interface Ethernet1/2

no ip address

shutdown

!

interface Ethernet1/3

no ip address

shutdown

!

interface Serial2/0

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/1

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/3

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/0

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/1

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial3/3

no ip address

shutdown

serial restart-delay 0

!

!

router eigrp 128

network 150.1.13.0 0.0.0.255

network 191.1.128.0 0.0.1.255

!

ip forward-protocol nd

!

!

no ip http server

no ip http secure-server

!

!

!

!

control-plane

!

!

!

!

!

!

!

alias exec srb sh run | beg

alias exec srs sh run | sec

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alias exec siib sh ip int brief

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!

line con 0

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logging synchronous

line aux 0

exec-timeout 0 0

privilege level 15

line vty 0 4

privilege level 15

password cisco

login

length 0

transport input all

!

!

end