# R4#sh run

Building configuration...

Current configuration : 2930 bytes

!

! Last configuration change at 16:57:27 AWST Thu Apr 23 2015

!

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

!

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 candy.com

ip cef

no ipv6 cef

ipv6 multicast rpf use-bgp

!

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 Ethernet0/0

ip address 192.168.4.4 255.255.255.0

ip nat inside

ip virtual-reassembly in

!

interface Ethernet0/1

ip address dhcp

ip nat outside

ip virtual-reassembly in

!

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

!

ip forward-protocol nd

!

!

no ip http server

no ip http secure-server

ip nat inside source route-map NAT\_PROCESS interface Ethernet0/1 overload

ip route 0.0.0.0 0.0.0.0 Ethernet0/1

!

!

route-map NAT\_PROCESS permit 10

match ip address 100

!

!

access-list 100 deny ip 192.168.0.0 0.0.255.255 192.168.0.0 0.0.255.255

access-list 100 permit ip 192.168.4.0 0.0.0.255 any

!

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 ssha ssh -l admin -c 3des

alias exec sshu ssh -l admin -c 3des

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

banner motd ^CC

\*\*\* You are connecting to R4 \*\*\*

^C

!

line con 0

exec-timeout 0 0

logging synchronous

line aux 0

line vty 0 4

exec-timeout 0 5

privilege level 15

login local

transport input telnet ssh

!

!

end

# R4(config)#do sh run

Building configuration...

Current configuration : 3570 bytes

!

! Last configuration change at 18:04:17 AWST Thu Apr 23 2015

!

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

!

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 candy.com

ip inspect name INSIDE\_TO\_OUT tcp timeout 60

ip inspect name INSIDE\_TO\_OUT udp timeout 60

ip inspect name INSIDE\_TO\_OUT icmp timeout 60

ip cef

no ipv6 cef

ipv6 multicast rpf use-bgp

!

multilink bundle-name authenticated

!

!

!

!

!

!

!

!

object-group network INSIDESRV

host 192.168.114.114

host 192.168.2.22

!

username admin privilege 15 password 0 admin

username cisco password 0 cisco

!

redundancy

!

no cdp log mismatch duplex

!

ip tcp synwait-time 5

!

!

!

!

!

!

!

!

!

!

!

!

!

interface Ethernet0/0

ip address 192.168.4.4 255.255.255.0

ip access-group 101 in

ip nat inside

ip inspect INSIDE\_TO\_OUT in

ip virtual-reassembly in

!

interface Ethernet0/1

ip address dhcp

ip access-group 102 in

ip nat outside

ip virtual-reassembly in

!

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

!

ip forward-protocol nd

!

!

no ip http server

no ip http secure-server

ip nat inside source route-map NAT\_PROCESS interface Ethernet0/1 overload

ip route 0.0.0.0 0.0.0.0 Ethernet0/1

!

!

route-map NAT\_PROCESS permit 10

match ip address 100

!

!

access-list 100 deny ip 192.168.0.0 0.0.255.255 192.168.0.0 0.0.255.255

access-list 100 permit ip 192.168.4.0 0.0.0.255 any

access-list 101 deny ip 192.168.4.240 0.0.0.7 192.168.0.0 0.0.255.255

access-list 101 permit ip 192.168.4.240 0.0.0.7 any

access-list 101 permit icmp host 192.168.4.44 object-group INSIDESRV echo

access-list 101 permit tcp host 192.168.4.44 object-group INSIDESRV eq telnet

access-list 101 deny ip any any log

access-list 102 deny ip any any log

!

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 ssha ssh -l admin -c 3des

alias exec sshu ssh -l admin -c 3des

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

banner motd ^CC

\*\*\* You are connecting to R4 \*\*\*

^C

!

line con 0

exec-timeout 0 0

logging synchronous

line aux 0

line vty 0 4

exec-timeout 0 5

privilege level 15

login local

transport input telnet ssh

!

!

end

# R4#sh run

Building configuration...

Current configuration : 3736 bytes

!

! Last configuration change at 10:33:13 AWST Fri Apr 24 2015

!

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

!

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 candy.com

ip inspect name INSIDE\_TO\_OUT tcp timeout 60

ip inspect name INSIDE\_TO\_OUT udp timeout 60

ip inspect name INSIDE\_TO\_OUT icmp timeout 60

ip inspect name VPN\_TO\_INSIDE tcp timeout 60

ip inspect name VPN\_TO\_INSIDE udp timeout 60

ip inspect name VPN\_TO\_INSIDE icmp timeout 60

ip cef

no ipv6 cef

ipv6 multicast rpf use-bgp

!

multilink bundle-name authenticated

!

!

!

!

!

!

!

!

object-group network INSIDESRV

host 192.168.114.114

host 192.168.2.22

!

username admin privilege 15 password 0 admin

username cisco password 0 cisco

!

redundancy

!

no cdp log mismatch duplex

!

ip tcp synwait-time 5

!

!

!

!

!

!

!

!

!

!

!

!

!

interface Ethernet0/0

ip address 192.168.4.4 255.255.255.0

ip access-group 101 in

ip nat inside

ip inspect INSIDE\_TO\_OUT in

ip inspect VPN\_TO\_INSIDE out

ip virtual-reassembly in

!

interface Ethernet0/1

ip address dhcp

ip access-group 102 in

ip nat outside

ip virtual-reassembly in

!

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

!

ip forward-protocol nd

!

!

no ip http server

no ip http secure-server

ip nat inside source route-map NAT\_PROCESS interface Ethernet0/1 overload

ip route 0.0.0.0 0.0.0.0 Ethernet0/1

!

!

route-map NAT\_PROCESS permit 10

match ip address 100

!

!

access-list 100 deny ip 192.168.0.0 0.0.255.255 192.168.0.0 0.0.255.255

access-list 100 permit ip 192.168.4.0 0.0.0.255 any

access-list 101 deny ip 192.168.4.240 0.0.0.7 192.168.0.0 0.0.255.255

access-list 101 permit ip 192.168.4.240 0.0.0.7 any

access-list 101 permit icmp host 192.168.4.44 object-group INSIDESRV echo

access-list 101 permit tcp host 192.168.4.44 object-group INSIDESRV eq telnet

access-list 101 deny ip any any log

access-list 102 deny ip any any log

!

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 ssha ssh -l admin -c 3des

alias exec sshu ssh -l admin -c 3des

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

banner motd ^CC

\*\*\* You are connecting to R4 \*\*\*

^C

!

line con 0

exec-timeout 0 0

logging synchronous

line aux 0

line vty 0 4

exec-timeout 0 5

privilege level 15

login local

transport input telnet ssh

!

!

end

# R4#sh run

Building configuration...

Current configuration : 4976 bytes

!

! Last configuration change at 14:53:40 AWST Fri Apr 24 2015

!

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

!

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 candy.com

ip inspect name INSIDE\_TO\_OUT tcp timeout 60

ip inspect name INSIDE\_TO\_OUT udp timeout 60

ip inspect name INSIDE\_TO\_OUT icmp timeout 60

ip inspect name VPN\_TO\_INSIDE tcp timeout 60

ip inspect name VPN\_TO\_INSIDE udp timeout 60

ip inspect name VPN\_TO\_INSIDE icmp timeout 60

ip cef

no ipv6 cef

ipv6 multicast rpf use-bgp

!

multilink bundle-name authenticated

!

!

!

!

!

!

!

!

object-group network INSIDESRV

host 192.168.114.114

host 192.168.2.22

!

username admin privilege 15 password 0 admin

username cisco password 0 cisco

!

redundancy

!

no cdp log mismatch duplex

!

ip tcp synwait-time 5

!

!

!

!

!

crypto isakmp policy 5

authentication pre-share

lifetime 1800

crypto isakmp key cisco12345 address 0.0.0.0

!

crypto ipsec security-association lifetime seconds 1800

!

crypto ipsec transform-set DMVPN\_TRANSFORM ah-md5-hmac esp-des

mode transport

!

crypto ipsec profile DMVPN\_PROFILE

set transform-set DMVPN\_TRANSFORM

!

!

!

!

!

!

!

interface Tunnel1

description \*\*\* Spoke R4 \*\*\*

bandwidth 192

ip address 10.0.1.4 255.255.255.0

no ip redirects

ip mtu 1400

ip nhrp authentication cisco123

ip nhrp map multicast 11.11.11.1

ip nhrp map 10.0.1.1 11.11.11.1

ip nhrp network-id 100001

ip nhrp holdtime 300

ip nhrp nhs 11.11.11.1

ip nhrp nhs 10.0.1.1

ip nhrp registration no-unique

ip nhrp registration timeout 120

ip nhrp shortcut

ip tcp adjust-mss 1360

tunnel source Ethernet0/1

tunnel mode gre multipoint

tunnel key 100001

tunnel protection ipsec profile DMVPN\_PROFILE

!

interface Ethernet0/0

ip address 192.168.4.4 255.255.255.0

ip access-group 101 in

ip nat inside

ip inspect INSIDE\_TO\_OUT in

ip inspect VPN\_TO\_INSIDE out

ip virtual-reassembly in

!

interface Ethernet0/1

ip address dhcp

ip access-group 102 in

ip nat outside

ip virtual-reassembly in

!

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 1

network 10.0.1.0 0.0.0.255

network 192.168.4.0

eigrp stub connected

!

ip forward-protocol nd

!

!

no ip http server

no ip http secure-server

ip nat inside source route-map NAT\_PROCESS interface Ethernet0/1 overload

ip route 0.0.0.0 0.0.0.0 Ethernet0/1

!

!

route-map NAT\_PROCESS permit 10

match ip address 100

!

!

access-list 100 deny ip 192.168.0.0 0.0.255.255 192.168.0.0 0.0.255.255

access-list 100 permit ip 192.168.4.0 0.0.0.255 any

access-list 101 deny ip 192.168.4.240 0.0.0.7 192.168.0.0 0.0.255.255

access-list 101 permit ip 192.168.4.240 0.0.0.7 any

access-list 101 permit icmp host 192.168.4.44 object-group INSIDESRV echo

access-list 101 permit tcp host 192.168.4.44 object-group INSIDESRV eq telnet

access-list 101 deny ip any any log

access-list 102 permit udp host 44.44.44.104 any eq bootps

access-list 102 permit udp host 44.44.44.104 any eq bootpc

access-list 102 permit ahp any any

access-list 102 permit udp any any eq isakmp

access-list 102 permit gre any any

access-list 102 permit esp any any

access-list 102 deny ip any any log

!

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 ssha ssh -l admin -c 3des

alias exec sshu ssh -l admin -c 3des

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

banner motd ^CC

\*\*\* You are connecting to R4 \*\*\*

^C

!

line con 0

exec-timeout 0 0

logging synchronous

line aux 0

line vty 0 4

exec-timeout 0 5

privilege level 15

login local

transport input telnet ssh

!

!

end

# R4(config-ext-nacl)#do sh run

Building configuration...

Current configuration : 4847 bytes

!

! Last configuration change at 14:53:40 AWST Fri Apr 24 2015

!

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

!

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 candy.com

ip inspect name INSIDE\_TO\_OUT tcp timeout 60

ip inspect name INSIDE\_TO\_OUT udp timeout 60

ip inspect name INSIDE\_TO\_OUT icmp timeout 60

ip inspect name VPN\_TO\_INSIDE tcp timeout 60

ip inspect name VPN\_TO\_INSIDE udp timeout 60

ip inspect name VPN\_TO\_INSIDE icmp timeout 60

ip cef

no ipv6 cef

ipv6 multicast rpf use-bgp

!

multilink bundle-name authenticated

!

!

!

!

!

!

!

!

object-group network INSIDESRV

host 192.168.114.114

host 192.168.2.22

!

username admin privilege 15 password 0 admin

username cisco password 0 cisco

!

redundancy

!

no cdp log mismatch duplex

!

ip tcp synwait-time 5

!

!

!

!

!

crypto isakmp policy 5

authentication pre-share

lifetime 1800

crypto isakmp key cisco12345 address 0.0.0.0

!

crypto ipsec security-association lifetime seconds 1800

!

crypto ipsec transform-set DMVPN\_TRANSFORM ah-md5-hmac esp-des

mode transport

!

crypto ipsec profile DMVPN\_PROFILE

set transform-set DMVPN\_TRANSFORM

!

!

!

!

!

!

!

interface Tunnel1

description \*\*\* Spoke R4 \*\*\*

bandwidth 192

ip address 10.0.1.4 255.255.255.0

no ip redirects

ip mtu 1400

ip nhrp authentication cisco123

ip nhrp map multicast 11.11.11.1

ip nhrp map 10.0.1.1 11.11.11.1

ip nhrp network-id 100001

ip nhrp holdtime 300

ip nhrp nhs 10.0.1.1

ip nhrp registration no-unique

ip nhrp registration timeout 120

ip nhrp shortcut

ip tcp adjust-mss 1360

tunnel source Ethernet0/1

tunnel mode gre multipoint

tunnel key 100001

tunnel protection ipsec profile DMVPN\_PROFILE

!

interface Ethernet0/0

ip address 192.168.4.4 255.255.255.0

ip access-group 101 in

ip nat inside

ip inspect INSIDE\_TO\_OUT in

ip inspect VPN\_TO\_INSIDE out

ip virtual-reassembly in

!

interface Ethernet0/1

ip address dhcp

ip access-group 102 in

ip nat outside

ip virtual-reassembly in

!

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 1

network 10.0.1.0 0.0.0.255

network 192.168.4.0

eigrp stub connected

!

ip forward-protocol nd

!

!

no ip http server

no ip http secure-server

ip nat inside source route-map NAT\_PROCESS interface Ethernet0/1 overload

ip route 0.0.0.0 0.0.0.0 Ethernet0/1

!

!

route-map NAT\_PROCESS permit 10

match ip address 100

!

!

access-list 100 deny ip 192.168.0.0 0.0.255.255 192.168.0.0 0.0.255.255

access-list 100 permit ip 192.168.4.0 0.0.0.255 any

access-list 101 deny ip 192.168.4.240 0.0.0.7 192.168.0.0 0.0.255.255

access-list 101 permit ip 192.168.4.240 0.0.0.7 any

access-list 101 permit icmp host 192.168.4.44 object-group INSIDESRV echo

access-list 101 permit tcp host 192.168.4.44 object-group INSIDESRV eq telnet

access-list 101 deny ip any any log

access-list 102 permit udp host 44.44.44.104 any eq bootpc

access-list 102 permit ahp any any

access-list 102 permit udp any any eq isakmp

access-list 102 deny ip any any log

!

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 ssha ssh -l admin -c 3des

alias exec sshu ssh -l admin -c 3des

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

banner motd ^CC

\*\*\* You are connecting to R4 \*\*\*

^C

!

line con 0

exec-timeout 0 0

logging synchronous

line aux 0

line vty 0 4

exec-timeout 0 5

privilege level 15

login local

transport input telnet ssh

!

!

end

# R4(config-if)#do sh run

Building configuration...

Current configuration : 4585 bytes

!

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

!

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 candy.com

ip inspect name INSIDE\_TO\_OUT icmp timeout 60

ip inspect name INSIDE\_TO\_OUT tcp timeout 60

ip inspect name INSIDE\_TO\_OUT udp timeout 60

ip inspect name VPN\_TO\_INSIDE icmp timeout 60

ip inspect name VPN\_TO\_INSIDE tcp timeout 60

ip inspect name VPN\_TO\_INSIDE udp timeout 60

ip cef

no ipv6 cef

ipv6 multicast rpf use-bgp

!

multilink bundle-name authenticated

!

!

!

!

!

!

!

!

object-group service ICMP&TELNET

icmp echo

tcp eq telnet

!

object-group network INTERNAL-SERVERS

host 192.168.114.114

host 192.168.2.22

!

username admin privilege 15 password 0 admin

username cisco password 0 cisco

!

redundancy

!

no cdp log mismatch duplex

!

ip tcp synwait-time 5

!

!

!

!

!

crypto isakmp policy 5

authentication pre-share

lifetime 1800

crypto isakmp key cisco12345 address 0.0.0.0

!

crypto ipsec security-association lifetime seconds 1800

!

crypto ipsec transform-set DMVPN\_TRANSFORM ah-md5-hmac esp-des

mode transport

!

crypto ipsec profile DMVPN\_PROFILE

set transform-set DMVPN\_TRANSFORM

!

!

!

!

!

!

!

interface Tunnel1

bandwidth 192

ip address 10.0.1.4 255.255.255.0

no ip redirects

ip nhrp authentication cisco123

ip nhrp map multicast 11.11.11.1

ip nhrp map 10.0.1.1 11.11.11.1

ip nhrp network-id 100001

ip nhrp nhs 10.0.1.1

tunnel source Ethernet0/1

tunnel mode gre multipoint

tunnel key 100001

tunnel protection ipsec profile DMVPN\_PROFILE

!

interface Ethernet0/0

ip address 192.168.4.4 255.255.255.0

ip access-group 101 in

ip nat inside

ip inspect INSIDE\_TO\_OUT in

ip inspect VPN\_TO\_INSIDE out

ip virtual-reassembly in

!

interface Ethernet0/1

ip address dhcp

ip access-group 102 in

ip nat outside

ip virtual-reassembly in

!

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 1

network 10.0.1.0 0.0.0.255

network 192.168.0.0 0.0.255.255

eigrp stub connected summary

!

ip forward-protocol nd

!

!

no ip http server

no ip http secure-server

ip nat inside source route-map NAT\_PROCESS interface Ethernet0/1 overload

ip route 0.0.0.0 0.0.0.0 Ethernet0/1

!

!

route-map NAT\_PROCESS permit 10

match ip address 100

!

!

access-list 100 deny ip 192.168.0.0 0.0.255.255 192.168.0.0 0.0.255.255

access-list 100 permit ip 192.168.0.0 0.0.255.255 any

access-list 101 deny ip 192.168.4.240 0.0.0.7 192.168.0.0 0.0.255.255

access-list 101 permit ip 192.168.4.240 0.0.0.7 any

access-list 101 permit object-group ICMP&TELNET host 192.168.4.44 object-group INTERNAL-SERVERS

access-list 101 deny ip any any log

access-list 102 permit ahp any any

access-list 102 permit udp any any eq isakmp

access-list 102 permit udp host 44.44.44.104 any eq bootpc

access-list 102 deny ip any any log

!

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 ssha ssh -l admin -c 3des

alias exec sshu ssh -l admin -c 3des

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

banner motd ^CC

\*\*\* You are connecting to R4 \*\*\*

^C

!

line con 0

exec-timeout 0 0

logging synchronous

line aux 0

line vty 0 4

exec-timeout 0 5

privilege level 15

login local

transport input telnet ssh

!

!

end