hostname W-R1

!

crypto isakmp policy 30

encryption aes

hash sha

authentication pre-share

group 5

lifetime 43200

crypto isakmp key IKEpass address 5.187.135.1

crypto isakmp key IKEpass address 5.148.200.1

crypto isakmp key IKEpass address 5.38.152.2

crypto isakmp key IKEpass address 5.63.195.2

!

crypto ipsec transform-set SET1 esp-aes esp-sha-hmac

mode tunnel

!

crypto ipsec profile PROFILE

set transform-set SET1

!

ip dhcp excluded-address 192.168.11.253 192.168.11.254

ip dhcp excluded-address 192.168.22.125 192.168.22.126

ip dhcp excluded-address 192.168.33.61 192.168.33.62

!

ip dhcp pool 11

network 192.168.11.0 255.255.255.0

dns-server 8.8.8.8

default-router 192.168.11.254

!

ip dhcp pool 22

network 192.168.22.0 255.255.255.128

default-router 192.168.22.126

dns-server 8.8.8.8

!

ip dhcp pool 33

network 192.168.33.0 255.255.255.192

default-router 192.168.33.62

dns-server 8.8.8.8

!

ipv6 unicast-routing

ipv6 dhcp pool IPV6

address prefix 2A02:ABCD:ABCD:ABCD::/64

dns-server 2001:4860:4860::8888

!

ipv6 dhcp pool IPV611

address prefix 2A02:ABCD:ABCD:AB11::/64

dns-server 2001:4860:4860::8888

!

ipv6 dhcp pool IPV622

address prefix 2A02:ABCD:ABCD:AB22::/64

dns-server 2001:4860:4860::8888

!

ipv6 dhcp pool IPV633

address prefix 2A02:ABCD:ABCD:AB33::/64

dns-server 2001:4860:4860::8888

!

interface GigabitEthernet0/0/0

ip address 5.206.190.1 255.255.255.252

ipv6 address FE80::1 link-local

ipv6 address 2A02:ABCD:ABCD:AB00::1DEF/64

ip nat outside

no sh

!

interface GigabitEthernet0/0/1

negotiation auto

ipv6 address FE80::DEF link-local

ipv6 address 2A02:ABCD:ABCD:AB01::DEF/64

ipv6 dhcp server IPV6

no shutdown

!

interface GigabitEthernet0/0/1.11

encapsulation dot1Q 11

ip address 192.168.11.254 255.255.255.0

ip nat inside

ipv6 address FE80::DE11 link-local

ipv6 address 2A02:ABCD:ABCD:AB11::DEF/64

ipv6 dhcp server IPV611

!

interface GigabitEthernet0/0/1.22

encapsulation dot1Q 22

ip address 192.168.22.126 255.255.255.128

ip nat inside

ipv6 address FE80::DE22 link-local

ipv6 address 2A02:ABCD:ABCD:AB22::DEF/64

ipv6 dhcp server IPV622

!

interface GigabitEthernet0/0/1.33

encapsulation dot1Q 33

ip address 192.168.33.62 255.255.255.192

ip nat inside

ipv6 address FE80::DE33 link-local

ipv6 address 2A02:ABCD:ABCD:AB33::DEF/64

ipv6 dhcp server IPV633

!

interface Serial0/1/0

ip address 10.0.3.2 255.255.255.252

ip nat inside

ip ospf 1 area 0

encapsulation ppp

ppp authentication chap

no sh

!

interface Serial0/1/1

ip address 10.0.4.2 255.255.255.252

ip nat inside

ip ospf 1 area 0

encapsulation ppp

ppp authentication chap

no sh

!

interface Tunnel0

ip address 10.10.10.5 255.255.255.254

ip ospf 1 area 0

tunnel source GigabitEthernet0/0/0

tunnel mode ipsec ipv4

tunnel destination 5.38.152.2

tunnel protection ipsec profile PROFILE

!

interface Tunnel1

ip address 10.10.10.11 255.255.255.254

ip ospf 1 area 0

tunnel source GigabitEthernet0/0/0

tunnel mode ipsec ipv4

tunnel destination 5.63.195.2

tunnel protection ipsec profile PROFILE

!

interface Tunnel2

ip address 10.10.10.13 255.255.255.254

ip ospf 1 area 0

tunnel source GigabitEthernet0/0/0

tunnel mode ipsec ipv4

tunnel destination 5.187.135.1

tunnel protection ipsec profile PROFILE

!

interface Tunnel3

ip address 10.10.10.15 255.255.255.254

ip ospf 1 area 0

tunnel source GigabitEthernet0/0/0

tunnel mode ipsec ipv4

tunnel destination 5.148.200.1

tunnel protection ipsec profile PROFILE

!

router ospf 1

default-information originate

passive-interface GigabitEthernet0/0/1

passive-interface GigabitEthernet0/0/1.11

passive-interface GigabitEthernet0/0/1.22

passive-interface GigabitEthernet0/0/1.33

!

ip nat inside source list 1 interface GigabitEthernet0/0/0 overload

!

ip route 0.0.0.0 0.0.0.0 gigabitEthernet 0/0/0

ip route 10.20.0.0 255.255.255.0 5.38.152.2

ip route 10.20.0.0 255.255.255.0 5.63.195.2

ip route 10.20.1.0 255.255.255.0 5.38.152.2

ip route 10.20.1.0 255.255.255.0 5.63.195.2

ip route 10.20.2.0 255.255.255.0 5.38.152.2

ip route 10.20.2.0 255.255.255.0 5.63.195.2

ip route 10.20.3.0 255.255.255.0 5.38.152.2

ip route 10.20.3.0 255.255.255.0 5.63.195.2

ip route 10.20.254.2 255.255.255.255 serial0/1/1 1

ip route 10.20.254.2 255.255.255.255 serial0/1/0 2

ip route 172.20.0.0 255.255.240.0 5.148.200.1

ip route 172.20.0.0 255.255.240.0 5.187.135.1

!

access-list 1 permit 10.0.0.0 0.31.255.255

access-list 1 permit 172.20.0.0 0.0.15.255

access-list 1 permit 192.168.0.0 0.0.255.255

!

username DIST1 password CHAPpass

username DIST2 password CHAPpass

!

end