Lab 07

Chart

Description automatically generated with medium confidence

Show interface brief:

Table

Description automatically generated



Table

Description automatically generated



Show ip route:

Text, letter

Description automatically generated

Text, letter

Description automatically generated

Show isakmp policy

Text, letter

Description automatically generated



Text, letter

Description automatically generated



Show crypto map:

Text

Description automatically generatedGraphical user interface, text

Description automatically generated



Show crypto ipsec sa:

Text, letter

Description automatically generated



Text

Description automatically generated



Pings:

PC0 🡪 PC1

Text

Description automatically generated

PC1 🡪 PC0

Text

Description automatically generated with medium confidence

R1:

crypto isakmp policy 159

encr aes 256

authentication pre-share

group 5

lifetime 3600

!

crypto isakmp key POELZL12345 address 172.30.159.2

!

!

!

crypto ipsec transform-set R1-R2-POELZL\_MAP esp-aes esp-sha-hmac

!

crypto map R1-R2-POELZL\_MAP 159 ipsec-isakmp

set peer 172.30.159.2

set pfs group5

set security-association lifetime seconds 900

set transform-set R1-R2-POELZL\_MAP

match address 101

!

!

!

!

!

!

spanning-tree mode pvst

!

!

!

!

!

!

interface FastEthernet0/0

ip address 10.0.159.1 255.255.255.0

duplex auto

speed auto

!

interface FastEthernet0/1

no ip address

duplex auto

speed auto

shutdown

!

interface GigabitEthernet0/0/0

no ip address

shutdown

!

interface GigabitEthernet0/1/0

ip address 172.30.159.1 255.255.255.252

crypto map R1-R2-POELZL\_MAP

!

interface GigabitEthernet0/2/0

no ip address

shutdown

!

interface GigabitEthernet0/3/0

no ip address

shutdown

!

interface Ethernet1/0

no ip address

duplex auto

speed auto

shutdown

!

interface Ethernet1/1

no ip address

duplex auto

speed auto

shutdown

!

interface Ethernet1/2

no ip address

duplex auto

speed auto

shutdown

!

interface Ethernet1/3

no ip address

duplex auto

speed auto

shutdown

!

interface Vlan1

no ip address

shutdown

!

router ospf 10

log-adjacency-changes

network 10.0.159.0 0.0.0.255 area 10

network 172.30.159.0 0.0.0.3 area 10

!

ip classless

!

ip flow-export version 9

!

!

access-list 101 permit ip 10.0.159.0 0.0.0.255 192.168.159.0 0.0.0.255

R2:

crypto isakmp policy 159

encr aes 256

authentication pre-share

group 5

lifetime 3600

!

crypto isakmp key POELZL12345 address 172.30.159.1

!

!

!

crypto ipsec transform-set R1-R2-POELZL\_MAP esp-aes esp-sha-hmac

!

crypto map R1-R2-POELZL\_MAP 159 ipsec-isakmp

set peer 172.30.159.1

set pfs group5

set security-association lifetime seconds 900

set transform-set R1-R2-POELZL\_MAP

match address 101

!

!

!

!

!

!

spanning-tree mode pvst

!

!

!

!

!

!

interface FastEthernet0/0

ip address 192.168.159.1 255.255.255.0

duplex auto

speed auto

!

interface FastEthernet0/1

no ip address

duplex auto

speed auto

shutdown

!

interface GigabitEthernet0/0/0

no ip address

shutdown

!

interface GigabitEthernet0/1/0

ip address 172.30.159.2 255.255.255.252

crypto map R1-R2-POELZL\_MAP

!

interface GigabitEthernet0/2/0

no ip address

shutdown

!

interface GigabitEthernet0/3/0

no ip address

shutdown

!

interface Ethernet1/0

no ip address

duplex auto

speed auto

shutdown

!

interface Ethernet1/1

no ip address

duplex auto

speed auto

shutdown

!

interface Ethernet1/2

no ip address

duplex auto

speed auto

shutdown

!

interface Ethernet1/3

no ip address

duplex auto

speed auto

shutdown

!

interface Vlan1

no ip address

shutdown

!

router ospf 10

log-adjacency-changes

network 192.168.159.0 0.0.0.255 area 10

network 172.30.159.0 0.0.0.3 area 10

!

ip classless

!

ip flow-export version 9

!

!

access-list 101 permit ip 192.168.159.0 0.0.0.255 10.0.159.0 0.0.0.255