R2

conf t

int f0/0

no shut

ip address 11.11.1.2 255.255.255.0

ip ospf 1 area 0

int Lo0

ip address 10.1.2.2 255.255.255.0

ip ospf 1 area 0

exit

crypto isakmp policy 30

authentication pre-share

crypto isakmp key labcom address 11.11.1.1

crypto ipsec transform-set authT ah-sha-hmac

crypto ipsec transform-set cipherT esp-des

crypto ipsec transform-set auth\_ciphT ah-sha-hmac esp-des

crypto ipsec profile ARipsecs

set transform-set authT cipherT auth\_ciphT

interface Tunnel 0

ip unnumbered FastEthernet0/0

tunnel source 11.11.1.2

tunnel destination 11.11.1.1

tunnel mode ipsec ipv4

tunnel protection ipsec profile ARipsec

ip route 192.168.0.45 255.255.255.255 Tunnel 0

end

write

R3

conf t

int f0/0

no shut

ip address 11.11.1.3 255.255.255.0

ip ospf 1 area 0

int Lo0

ip address 10.1.3.3 255.255.255.0

ip ospf 1 area 0

end

write

R1

conf t

int f0/0

no shut

ip address 11.11.1.1 255.255.255.0

ip ospf 1 area 0

int f0/1

no shutdown

ip address 192.168.0.1 255.255.255.0

ip ospf 1 area 0

exit

crypto isakmp policy 30

authentication pre-share

crypto isakmp key labcom address 11.11.1.2

crypto ipsec transform-set authT ah-sha-hmac

crypto ipsec transform-set cipherT esp-des

crypto ipsec transform-set auth\_ciphT ah-sha-hmac esp-des

crypto ipsec profile ARipsecs

set transform-set authT cipherT auth\_ciphT

interface Tunnel 0

ip unnumbered FastEthernet0/0

tunnel source 11.11.1.1

tunnel destination 11.11.1.2

tunnel mode ipsec ipv4

tunnel protection ipsec profile ARipsec

exit

ip route 10.1.2.2 255.255.255.255 Tunnel 0

end

write

Exercicio 6

R1

conf t

crypto isakmp policy 20

authentication pre-share

crypto isakmp key labcom address 0.0.0.0 0.0.0.0

crypto ipsec transform-set nss-ts esp-3des esp-sha-hmac

crypto dynamic-map nss-dmap 10

set transform-set nss-ts

reverse-route

crypto map dynamic-map 10 ipsec-isakmp dynamic nss-dmap

interface FastEthernet0/0

ip address 11.11.1.1 255.255.255.0

crypto map dynamic-map

end

write

R2

conf t

crypto isakmp policy 20

authentication pre-share

crypto isakmp key labcom address 11.11.1.1

crypto ipsec transform-set nss-ts esp-3des esp-sha-hmac

crypto map nss-cm 10 ipsec-isakmp

set peer 11.11.1.1

set transform-set nss-ts

match address nss-cm-acl

interface FastEthernet0/0

ip address 11.11.1.2 255.255.255.0

crypto map nss-cm

ip access-list extended nss-cm-acl

permit ip 10.1.2.0 0.0.0.255 192.168.0.0 0.0.0.255

permit ip 10.1.2.0 0.0.0.255 10.1.3.0 0.0.0.255

end

write

R3

conf t

crypto isakmp policy 20

authentication pre-share

crypto isakmp key labcom address 11.11.1.1

crypto ipsec transform-set nss-ts esp-3des esp-sha-hmac

crypto map nss-cm 10 ipsec-isakmp

set peer 11.11.1.1

set transform-set nss-ts

match address nss-cm-acl

interface FastEthernet0/0

ip address 11.11.1.3 255.255.255.0

crypto map nss-cm

ip access-list extended nss-cm-acl

permit ip 10.1.3.0 0.0.0.255 192.168.0.0 0.0.0.255

permit ip 10.1.3.0 0.0.0.255 10.1.2.0 0.0.0.255

end

write