CCNP GRE IPSEC Cisco PDF

IPSEC

GRE

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GRE R1 GRE R1

interface tunnel0 ip address 192.168.3.1 255.255.255.0 tunnel source s1/1 tunnel destination 192.1.1.20 exit interface s1/1 ip address 192.1.1.40 255.255.255.0 ip access-group perimeter in exit interface lo0 ip address 192.168.1.1 255.255.255.0 exit ip route 0.0.0.0 0.0.0.0 192.1.1.20 ! Area0,

Area1 router ospf 1 network 192.168.1.0 0.0.0.255 area 0 network 192.168.3.0 0.0.0.255 area 1 exit ip access-list extended perimeter permit udp host 192.1.1.20 host 192.1.1.40 eq 500 permit esp host 193.1.1.20 host 192.1.1.40 permit gre host 193.1.1.20 host 192.1.1.40 deny ip any any exit R2 interface tunnel0 ip address 192.168.3.2 255.255.255.0 tunnel source s1/0 tunnel destination 192.1.1.40 exit interface s1/0 ip address 192.1.1.20 255.255.255.0 ip access-group perimeter in exit interface lo0 ip address 192.168.2.1 255.255.255.0 exit ip route 0.0.0.0 0.0.0.0 192.1.1.40 router ospf 1 network 192.168.2.0 0.0.0.255 area 1 network 192.168.3.0 0.0.0.255 area 1 exit ip access-list extended perimeter permit udp host 192.1.1.40 host 192.1.1.20 eq 500 permit esp host 192.1.1.40 host 192.1.1.20 permit gre host 192.1.1.40 host 192.1.1.20 deny ip any any exit GRE

IPSEC R1 crypto isakmp enable crypto isakmp identity address crypto isakmp policy 10 encryption aes authentication pre-share group 2 hash sha exit crypto isakmp key cisco123 address 192.1.1.20 no-xauth !IPSEC GRE ip access-list extended ToR2 permit gre host 192.1.1.40 host 192.1.1.20 exit ! GRE crypto ipsec transform-set trans esp-aes esp-sha-hmac mode transport exit crypto map mymap 10 ipsec-isakmp match address ToR2 set transform-set trans set peer 192.1.1.20 exit interface s1/1 crypto map mymap exit ! ip access-list extended perimeter no permit gre host 192.1.1.20 host 192.1.1.40 100Test