**!**

**!**

**version 12.4**

**service timestamps debug datetime msec**

**service timestamps log datetime msec**

**no service password-encryption**

**!**

**hostname R4**

**!**

**boot-start-marker**

**boot-end-marker**

**!**

**!**

**no aaa new-model**

**memory-size iomem 5**

**ip cef**

**!**

**!**

**!**

**!**

**!**

**multilink bundle-name authenticated**

**!**

**!**

**!**

**!**

**!**

**!**

**!**

**!**

**!**

**!**

**!**

**!**

**!**

**!**

**!**

**!**

**!**

**!**

**!**

**!**

**!**

**archive**

 **log config**

 **hidekeys**

**!**

**!**

**crypto isakmp policy 1**

 **authentication pre-share**

**crypto isakmp key CISCO address 15.1.1.2**

**!**

**!**

**crypto ipsec transform-set STRONG esp-aes 256 esp-sha-hmac**

 **mode transport**

**!**

**crypto map VPN 10 ipsec-isakmp**

 **set peer 15.1.1.2**

 **set transform-set STRONG**

 **match address IPsec\_GRE-R2**

**!**

**!**

**!**

**!**

**!**

**!**

**!**

**interface Loopback0**

 **ip address 10.5.0.1 255.255.255.0**

**!**

**interface Loopback1**

 **ip address 10.5.1.1 255.255.255.0**

**!**

**interface Loopback2**

 **ip address 10.5.2.1 255.255.255.0**

**!**

**interface Tunnel0**

 **ip address 10.10.2.6 255.255.255.252**

 **ip policy route-map GRE\_BLOCK**

 **tunnel source FastEthernet0/0**

 **tunnel destination 15.1.1.2**

**!**

**interface FastEthernet0/0**

 **ip address 15.1.2.2 255.255.255.252**

 **ip nat outside**

 **ip virtual-reassembly**

 **speed 100**

 **full-duplex**

 **crypto map VPN**

**!**

**interface Serial0/0**

 **ip address 10.10.2.2 255.255.255.252**

 **clock rate 2000000**

**!**

**interface FastEthernet0/1**

 **ip address 10.5.5.1 255.255.255.0**

 **ip nat inside**

 **ip virtual-reassembly**

 **speed 100**

 **full-duplex**

 **no keepalive**

**!**

**interface Serial0/1**

 **no ip address**

 **shutdown**

 **clock rate 2000000**

**!**

**router eigrp 1**

 **network 10.0.0.0**

 **no auto-summary**

 **eigrp stub connected summary**

**!**

**ip forward-protocol nd**

**ip route 0.0.0.0 0.0.0.0 FastEthernet0/0 15.1.2.1**

**!**

**!**

**ip http server**

**no ip http secure-server**

**ip nat inside source list NAT interface FastEthernet0/0 overload**

**!**

**ip access-list standard GRE\_BLOCK**

 **deny 0.0.0.0**

 **permit any**

**ip access-list standard NAT**

 **permit 10.5.0.0 0.0.255.255**

**!**

**ip access-list extended IPsec\_GRE-R2**

 **permit gre host 15.1.2.2 host 15.1.1.2**

**!**

**!**

**!**

**!**

**route-map GRE\_BLOCK permit 10**

 **match ip address GRE\_BLOCK**

**!**

**!**

**!**

**!**

**control-plane**

**!**

**!**

**!**

**!**

**!**

**!**

**!**

**!**

**!**

**!**

**line con 0**

 **exec-timeout 0 0**

 **logging synchronous**

**line aux 0**

**line vty 0 4**

**!**

**!**

**end**