Radius-tacacs

Router\$conf t
Enter configuration commands, one per line.
aaa new-model
Router (config) #radius-server host 192.168.1.2 key cisco
aaa authentication login AAA group radius
Router (config) #line vty 0 4
Router (confia-line) #login authentication AAA
Router (config-line) \$exit
cmd: telnet 192.168.1.1 (router ki ip)

IPsec vpn tunnel

In global config R1 license boot module c1900 technology-package securityk9 copy run start reload

Accesslist

R1(config)# access-list 100 permit ip 192.168.1.0 0.0.255 192.168.3.0 0.0.0.255 R3(config)# access-list 100 permit ip 192.168.3.0 0.0.255 192.168.1.0 0.0.0.255

Implement policy (in r1 and r3 global config) crypto isakmp policy 10 r1(config-isakmp)#encryption aes 256 authentication pre-share group 5 exit

r1(config)#crypto isakmp key secretkey address 209.165.200.1 (other router address) r3(config)#crypto isakmp key secretkey address 209.165.100.1 (other router address)

r1(config)#crypto ipsec transform-set R1->R3 esp-aes 256 esp-sha-hmac r3(config)#crypto ipsec transform-set R3->R1 esp-aes 256 esp-sha-hmac

r1(config)# crypto map IPSEC-MAP 10 ipsec-isakmp r3(config-crypto-map)#set peer 209.165.200.1 set pfs group5 set security-association lifetime seconds 86400 set transform-set R1->R3 match address 100 exit

r3(config)# crypto map IPSEC-MAP 10 ipsec-isakmp

set peer 209.165.100.1 set pfs group5 set security-association lifetime seconds 86400 set transform-set R3->R1 match address 100 Exit

Both r1 and r3 r1(config) int g0/0 crypto map IPSEC-MAP