

## Establish GRE VPN Tunnel between Cisco and IR600

### Configure Cisco Router

#### Basic Configuration on Cisco Router

```
CiscoRouter>enable
CiscoRouter# configure terminal
CiscoRouter(config)#username cisco secret cisco
CiscoRouter(config)#enable secret cisco
CiscoRouter(config)#interface gigabit Ethernet 0/0
CiscoRouter(config-if)#ip address 173.17.99.100 255.255.255.0
CiscoRouter(config-if)#no shutdown
CiscoRouter(config-if)#speed auto
CiscoRouter(config-if)#duplex auto
CiscoRouter(config-if)#exit
CiscoRouter(config)#interface gigabitEthernet 0/1
CiscoRouter(config-if)#ip address 172.16.1.1 255.255.255.0
CiscoRouter(config-if)#no shutdown
CiscoRouter(config-if)#speed auto
CiscoRouter(config-if)#duplex auto
CiscoRouter(config-if)#exit
CiscoRouter(config)#ip route 0.0.0.0 0.0.0.0 173.17.99.1
CiscoRouter(config)#access-list 100 permit ip any any
CiscoRouter(config)#ip nat inside sourcelist 100 interface GigabitEthernet0/0 overload
CiscoRouter(config)#interface gigabitEthernet 0/0
CiscoRouter(config-if)#ip nat outside
CiscoRouter(config-if)#exit
CiscoRouter(config)#interface gigabitEthernet 0/1
CiscoRouter(config-if)#ip nat inside
CiscoRouter(config-if)#end
CiscoRouter#wr
```

#### GRE Tunnel Configuration on Cisco Router

```
CiscoRouter# configure terminal
CiscoRouter(config)#interface Tunnel0
CiscoRouter(config-if)#ip address 172.16.255.1 255.255.255.0
CiscoRouter(config-if)#tunnel source Ethernet1/0
CiscoRouter(config-if)#tunnel destination 193.169.99.100
CiscoRouter(config-if)#tunnel key 123
```

```
CiscoRouter(config-if)#exit
CiscoRouter(config)#ip route 192.168.2.0 255.255.255.0 Tunnel0
CiscoRouter(config)#exit
CiscoRouter#wr
```

### Configure I6700

Click “VPN->GRE Tunnels”, then set up as below:

System Network Services Firewall QoS VPN Tools Status

**GRE Tunnels**

Enable	Name	Local virtual IP	Peer Address	Remote virtual IP	Remote Subnet	Remote Netmask	Key	NAT	Advanced Route	Local Address	Description
Yes	tun0	172.16.255.2	173.17.99.100	172.16.255.1	172.16.1.0	255.255.255.0	123	No		193.169.99.100	+
<input type="checkbox"/>							123	<input type="checkbox"/>			

Enable Dynamic GRE