



Reset both to factory default

Changed default IP

Turned off DHCP

RV320's are gateways at both sites

VPN Tunnel connects

Did not change any advanced VPN features besides PSK

Cannot ping across the tunnel

Routers can ping each other

RV320 – 1 Gateway to Gateway Setup

Add a New Tunnel

Tunnel No. 1

Tunnel Name: [Redacted]

Interface: WAN1

Keying Mode: IKE with Preshared key

Enable:

Local Group Setup

Local Security Gateway Type: IP Only

IP Address: Public IP 1

Local Security Group Type: Subnet

IP Address: 10.30.10.0

Subnet Mask: 255.255.255.0

Remote Group Setup

Remote Security Gateway Type: IP Only

IP Address: Public IP 2

Remote Security Group Type: Subnet

IP Address: 10.30.0.0

Subnet Mask: 255.255.255.0

	WAN1	WAN2
IP Address:	[Redacted] 4.6	0.0.0.0
Default Gateway:	[Redacted] 4.1	0.0.0.0
DNS:	[Redacted] 6 [Redacted] 4	0.0.0.0
Dynamic DNS:	Dyndns disabled 3322 disabled NOIP disabled	Dyndns disabled 3322 disabled NOIP disabled
	Release	
	Renew	

RV320 – 1 VPN Connection Log

Time	Event	Log Message
2017-08-30, 14:57:12	VPN Log	[g2gips0]: cmd=down-client peers=[Redacted].9 peer_client=10.30.0.0/24 peer_client_net=10.30.0.0 peer_client_mask=255.255.255.0
2017-08-30, 14:57:12	VPN Log	ip route del 10.30.0.0/24 via [Redacted] 4.1 dev eth1 metric 35
2017-08-30, 14:57:12	VPN Log	iptables -t nat -D vpn -s 10.30.10.0 [Redacted] 10.30.0.0/24 -j ACCEPT
2017-08-30, 14:57:12	VPN Log	iptables -t nat -D vpn -s 10.30.0.0/24 -d 10.30.10.0/24 -j ACCEPT
2017-08-30, 14:57:12	VPN Log	iptables -t nat -D vpn_postrouting -s 10.30.10.0/24 -d 10.30.0.0/24 -j ACCEPT
2017-08-30, 14:57:12	VPN Log	iptables -t nat -D vpn_postrouting -o eth0 -s 10.30.0.0/24 -d 10.30.10.0/24 -j ACCEPT
2017-08-30, 14:57:17	VPN Log	[g2gips0] #381: [Tunnel Established] sent MR3, ISAKMP SA established
2017-08-30, 14:57:17	VPN Log	[g2gips0]: cmd=up-client peers=[Redacted] 1.9 peer_client=10.30.0.0/24 peer_client_net=10.30.0.0 peer_client_mask=255.255.255.0
2017-08-30, 14:57:17	VPN Log	ip route add 10.30.0.0/24 via [Redacted] 4.1 dev eth1 metric 35
2017-08-30, 14:57:17	VPN Log	iptables -t nat -I vpn -s 10.30.10.0/24 -d 10.30.0.0/24 -j ACCEPT
2017-08-30, 14:57:17	VPN Log	iptables -t nat -I vpn -s 10.30.0.0/24 -d 10.30.10.0/24 -j ACCEPT
2017-08-30, 14:57:17	VPN Log	iptables -t nat -I vpn_postrouting -s 10.30.10.0/24 -d 10.30.0.0/24 -j ACCEPT
2017-08-30, 14:57:18	VPN Log	iptables -t nat -I vpn_postrouting -o eth0 -s 10.30.0.0/24 -d 10.30.10.0/24 -j ACCEPT
2017-08-30, 14:57:18	VPN Log	[g2gips0] #382: [Tunnel Established] IPsec SA established (ESP=>0xcbb63750 < 0xce80968b)

RV320 – 2 Gateway to Gateway Setup

Add a New Tunnel

Tunnel No. 1

Tunnel Name:

Interface: WAN1

Keying Mode: IKE with Preshared key

Enable:

Local Group Setup

Local Security Gateway Type: IP Only

IP Address:

Local Security Group Type: Subnet

IP Address: 10.30.0.0

Subnet Mask: 255.255.255.0

Remote Group Setup

Remote Security Gateway Type: IP Only

IP Address:

Remote Security Group Type: Subnet

IP Address: 10.30.10.0

Subnet Mask: 255.255.255.0

	WAN1	WAN2
<u>IP Address:</u>	<input type="text" value="1.9"/> 1.9	0.0.0.0
<u>Default Gateway:</u>	<input type="text" value="1.1"/> 1.1	0.0.0.0
<u>DNS:</u>	<input type="text" value="16"/> 16 <input type="text" value="24"/> 24	0.0.0.0
<u>Dynamic DNS:</u>	Dyndns disabled 3322 disabled NOIP disabled	Dyndns disabled 3322 disabled NOIP disabled
	<input type="button" value="Release"/>	
	<input type="button" value="Renew"/>	

RV320 – 2 VPN Connection Log

2017-08-30, 16:19:42	VPN Log	[g2gips0]: cmd=down-client peer= <input type="text" value="8.6"/> .6 peer_client=10.30.10.0/24 peer_client_net=10.30.10.0 peer_client_mask=255.255.255.0
2017-08-30, 16:19:42	VPN Log	ip route del 10.30.10.0/24 via 87.33.11.1 dev eth1 metric 35
2017-08-30, 16:19:42	VPN Log	iptables -t nat -D vpn -s 10.30.0.0/24 -d 10.30.10.0/24 -j ACCEPT
2017-08-30, 16:19:42	VPN Log	iptables -t nat -D vpn -s 10.30.10.0/24 -d 10.30.0.0/24 -j ACCEPT
2017-08-30, 16:19:42	VPN Log	iptables -t nat -D vpn_postrouting -s 10.30.0.0/24 -d 10.30.10.0/24 -j ACCEPT
2017-08-30, 16:19:42	VPN Log	iptables -t nat -D vpn_postrouting -o eth0 -s 10.30.10.0/24 -d 10.30.0.0/24 -j ACCEPT
2017-08-30, 16:19:49	VPN Log	[g2gips0] #393: [Tunnel Established] ISAKMP SA established
2017-08-30, 16:19:49	VPN Log	[g2gips0]: cmd=up-client peer= <input type="text" value="8.6"/> .6 peer_client=10.30.10.0/24 peer_client_net=10.30.10.0 peer_client_mask=255.255.255.0
2017-08-30, 16:19:49	VPN Log	ip route add 10.30.10.0/24 via <input type="text" value="8.6"/> .6 dev eth1 metric 35
2017-08-30, 16:19:49	VPN Log	iptables -t nat -I vpn -s 10.30.0.0/24 -d 10.30.10.0/24 -j ACCEPT
2017-08-30, 16:19:49	VPN Log	iptables -t nat -I vpn -s 10.30.10.0/24 -d 10.30.0.0/24 -j ACCEPT
2017-08-30, 16:19:49	VPN Log	iptables -t nat -I vpn_postrouting -s 10.30.0.0/24 -d 10.30.10.0/24 -j ACCEPT
2017-08-30, 16:19:49	VPN Log	iptables -t nat -I vpn_postrouting -o eth0 -s 10.30.10.0/24 -d 10.30.0.0/24 -j ACCEPT
2017-08-30, 16:19:50	VPN Log	[g2gips0] #394: [Tunnel Established] sent QI2, IPsec SA established {ESP=>0xc7ebb123 < 0xca617802}