


in each spoke router, you configure a VPN tunnel to the hub with a **destination netmask of 255.255.0.0**, indicating that all 192.168.x.x addresses can be reached through the tunnel to the hub. At the hub, we will configure separate tunnels to each spoke with destination netmasks of 255.255.255.0. The tunnels from the hub will have **source netmasks of 255.255.0.0**, indicating that hosts from any 192.168.x.x address can access the tunnel to the spoke.

Central Site Router Configuration

 ADSL VPN Firewall Router Powering communication with Security	
Status	IPSec
Quick Start	Edit
Configuration	<div>Connection Name</div> <div>Head_Office</div>
LAN	Local
WAN	<div> <input type="radio"/> Single Address <div>IP Address</div> </div>
System	<div> <input checked="" type="radio"/> Subnet <div>IP Address</div> <div>192.168.1.0</div> <div>Netmask</div> <div>255.255.0.0</div> </div>
Firewall	<div> <input type="radio"/> IP Range <div>IP Address</div> <div></div> <div>End IP</div> <div></div> </div>
VPN	Remote
PPTP	<div>Secure Gateway Address(or Hostname)</div> <div>81.82.83.82</div>
IPSec	<div> <input type="radio"/> Single Address <div>IP Address</div> </div>
L2TP	<div> <input checked="" type="radio"/> Subnet <div>IP Address</div> <div>192.168.2.0</div> <div>Netmask</div> <div>255.255.255.0</div> </div>
QoS	<div> <input type="radio"/> IP Range <div>IP Address</div> <div></div> <div>End IP</div> <div></div> </div>
Virtual Server	Proposal
Time Schedule	<div> <input checked="" type="checkbox"/> ESP <div>Authentication</div> <div>MD5</div> </div>
Advanced	<div> <div>Encryption</div> <div>3DES</div> </div>
Save Config to FLASH	<div> <input type="checkbox"/> AH <div>Authentication</div> <div>MD5</div> </div>
Language	<div>Perfect Forward Secrecy</div> <div>MODP 1024 (Group 2)</div>
	<div>Pre-shared Key</div> <div>12345678</div>

Create two more VPN tunnels similar to the above configuration, but make sure the Remote settings are correctly point WAN and its LAN settings. Also the connection names are not the same for easy identification.

Remote Site Router Configuration

BILLION™**ADSL VPN Firewall Router**

Powering communications
with Security

Status

Quick Start

Configuration

LAN

WAN

System

Firewall

VPN

PPTP

IPSec

L2TP

QoS

Virtual Server

Time Schedule

Advanced

Save Config to FLASH

Language

IPSec

Edit

Connection Name

link1

Local

Single Address

IP Address

Subnet

IP Address

192.168.2.0

Netmask

255.255.255.0

IP Range

IP Address

End IP

Remote

Secure Gateway Address(or Hostname)

80.229.71.33

Network

Single Address

IP Address

Subnet

IP Address

192.168.1.0

Netmask

255.255.0.0

IP Range

IP Address

End IP

Proposal

☒ ESP

Authentication

MD5

☐ AH

Authentication

MD5

Encryption

3DES

Perfect Forward Secrecy

MODP 1024 (Group 2)

Pre-shared Key

12345678

You can repeat the Remote the setting in the rest of the Router, but make sure the loacal settings are configure to the local sub-net on each Router.