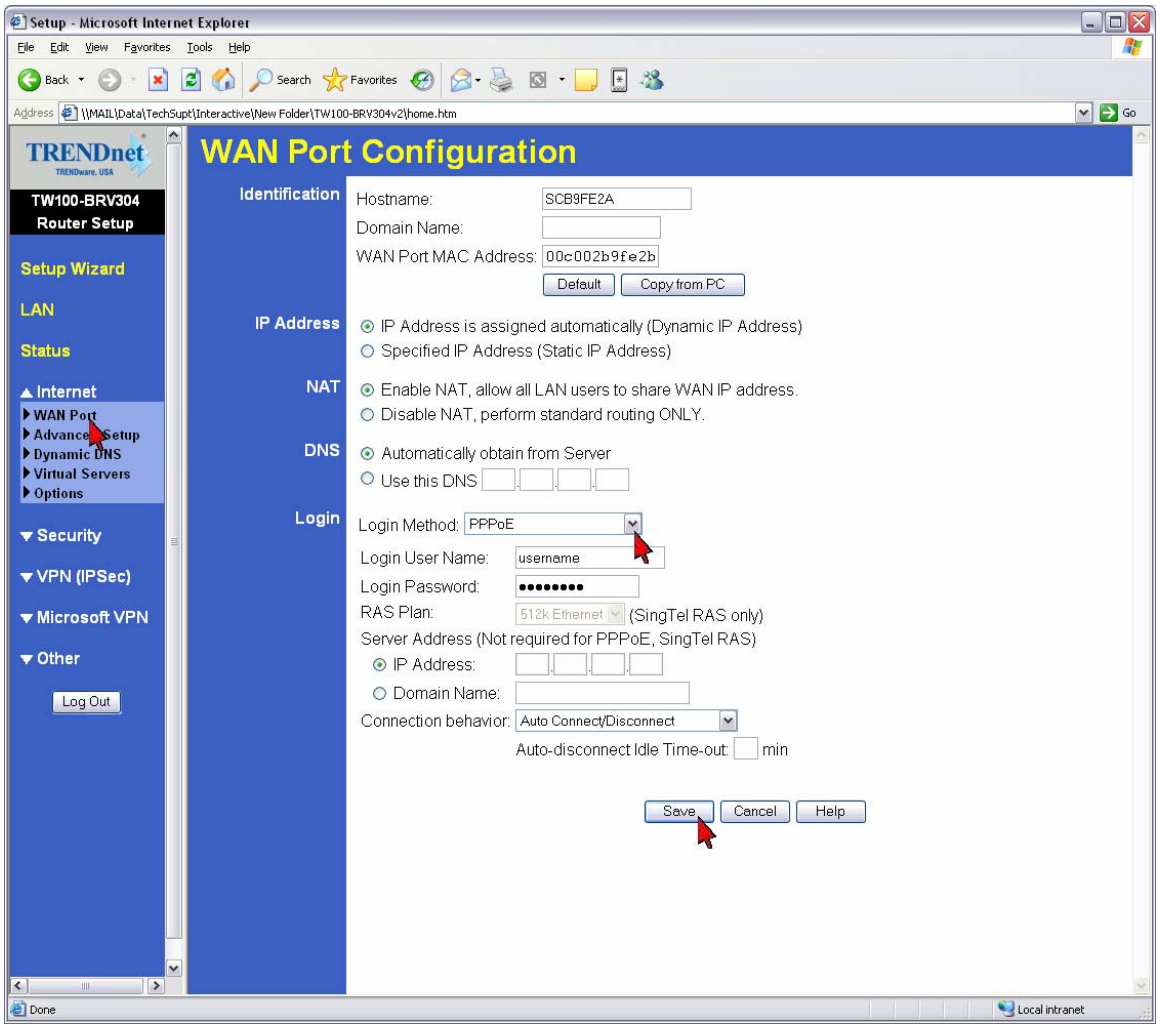
F.A.Q' S for TW100-BRV204 and TW100-BRV304

Q: How do I configure the TW100-BRV204/304 for a DSL, PPPoE, connection?

A:

1) Open your web browser and type the IP address of the TW100-BRV204/304 in the address bar. The default IP address is 192.168.0.1. At the login, enter your username (blank) and password (blank).

2) Click on **Internet** then **WAN Port** on the left hand side.



3) Choose **PPPoE** for the **Login Method** in the **Login** section.
4) Enter your username and password provided by your ISP (Internet Service Provider).
5) Click **Save**.

Note: After you save the settings you may need to power cycle the modem and router.

1) **Disconnect the power cycle from the modem and router.**
2) **Wait approximately 15 seconds.**
3) **Reconnect the modem first and wait for it to boot up.**
4) **After the modem has booted up reconnect the router.**

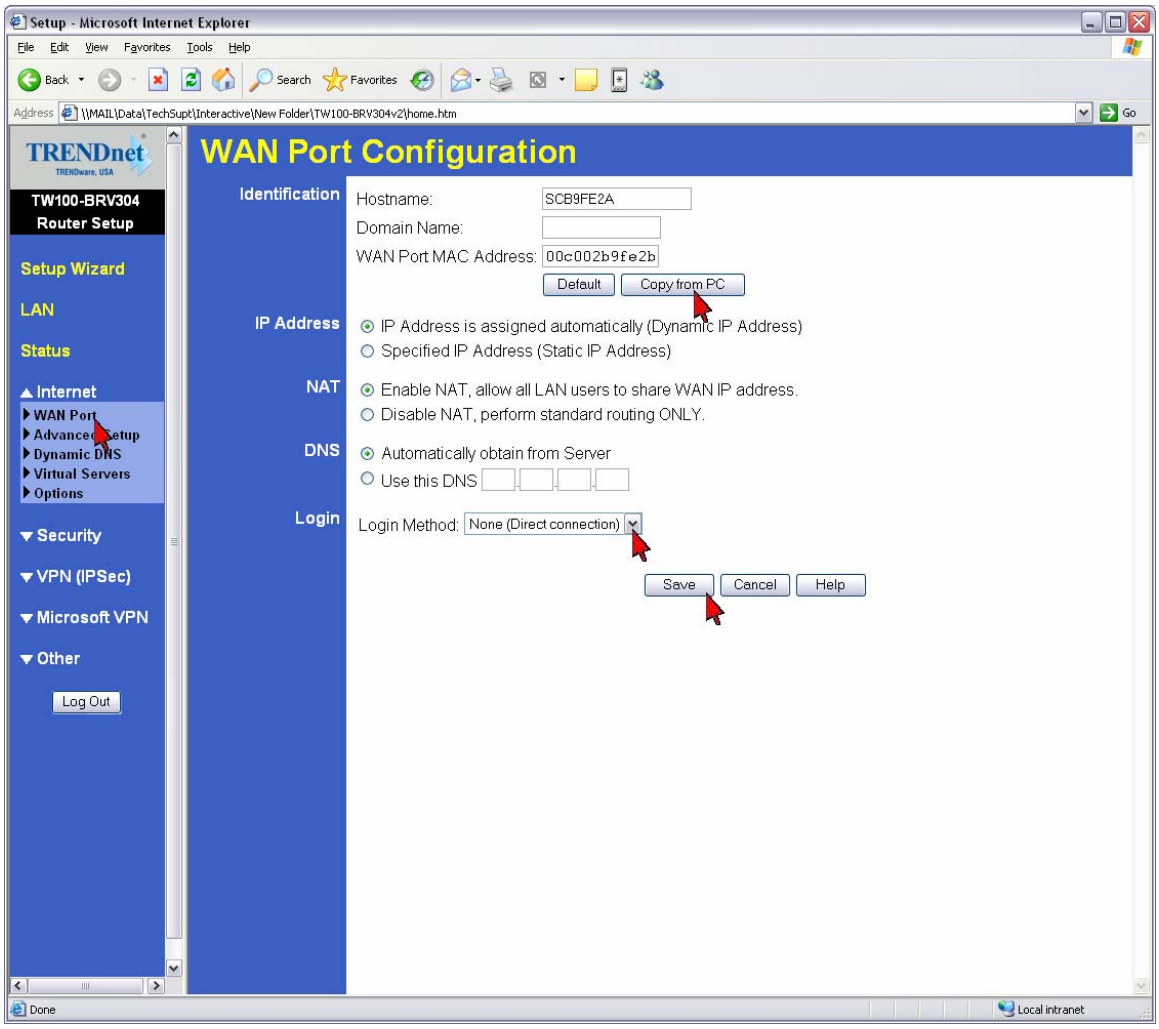
Q: How do I configure the TW100-BRV204/304 for a Cable connection using a Dynamic IP Address?

A:

Note: The default setting of the router is configured for a Cable connection using a Dynamic IP Address.

1) Open your web browser and type the IP address of the TW100-BRV204/304 in the address bar. The default IP address is 192.168.0.1. At the login, enter your username (blank) and password (blank).

2) Click on **Internet** then **WAN Port** on the left hand side.



3) Choose **None (Direct Connection)** in the Login Method field in the Login Section.

4) If your ISP has registered the MAC address of your computer that you are managing the router from click on **Copy From PC** under the **WAN PORT MAC Address** field. This will copy your computers MAC address to the router. If you are not managing the computer from the computer with the registered MAC address make sure you enter the registered MAC address manually.
5) Click **Save**.

Note: After you save the settings you may need to power cycle the modem and router.

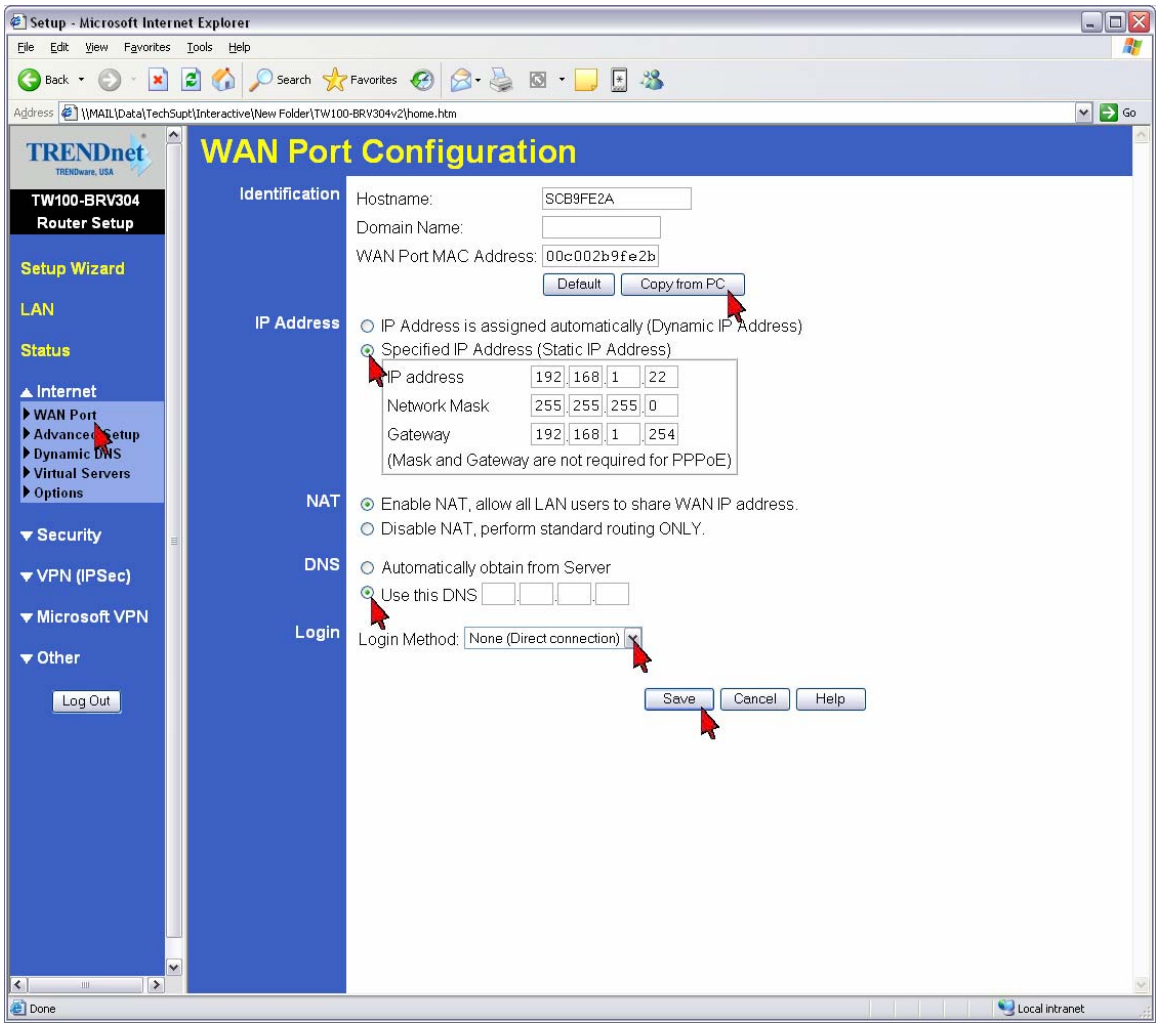
1) **Disconnect the power cycle from the modem and router.**
2) **Wait approximately 15 seconds.**
3) **Reconnect the modem first and wait for it to boot up.**
4) **After the modem has booted up reconnect the router.**

Q: How do I configure the TW100-BRV204/304 for a Cable connection using a Static IP Address?

A:

1) Open your web browser and type the IP address of the TW100-BRV204/304 in the address bar. The default IP address is 192.168.0.1. At the login, enter your username (blank) and password (blank).

2) Click on **Internet** then **WAN Port** on the left hand side.



3) Choose **None (Direct Connection)** in the Login Method field in the Login Section.
4) If your ISP has registered the MAC address of your computer that you are managing the router from click on **Copy From PC** under the **WAN PORT MAC Address** field. This will copy your computers MAC address to the router. If you are not managing the computer from the computer with the registered MAC address make sure you enter the registered MAC address manually.
5) Choose **Specified IP Address (Static IP Address)** in the IP Address section.
6) Enter in the IP Address, Network Mask, Gateway and DNS server address that your ISP (Internet Service Provider) has assigned to you.
7) Click **Save**.

Note: After you save the settings you may need to power cycle the modem and router.

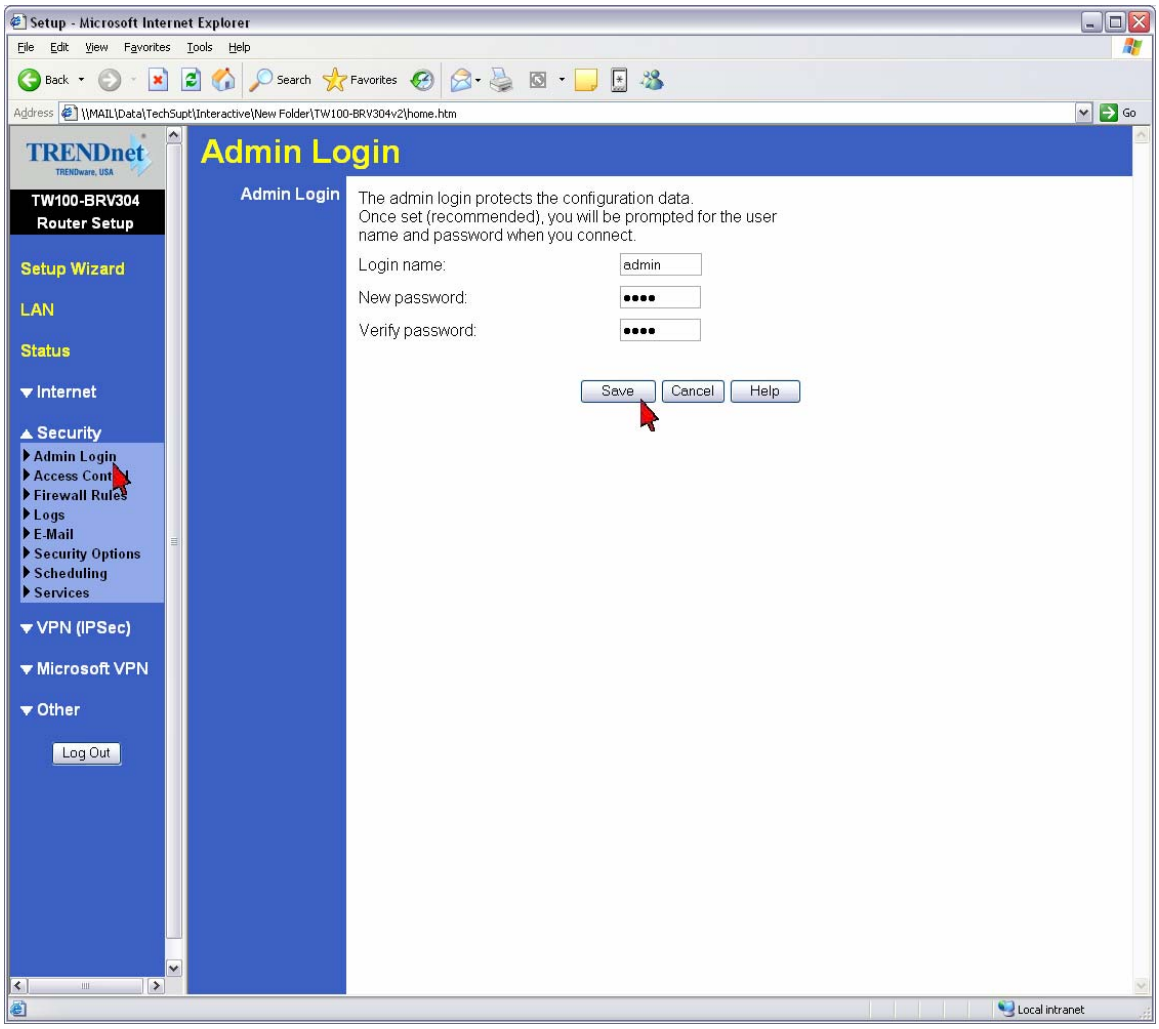
1) Disconnect the power cycle from the modem and router.
2) Wait approximately 15 seconds.
3) Reconnect the modem first and wait for it to boot up.
4) After the modem has booted up reconnect the router.

Q: How do I change the username & password on my TW100-BRV204/304?

A:

1) Open your web browser and type the IP address of the TW100-BRV204/304 in the address bar. The default IP address is 192.168.0.1. At the login, enter your username (blank) and password (blank).

2) Click on **Security** then **Admin Login** on the left hand side.



3) Enter in the desired username and password.

4) Click **Save**.

Q: What can I do if I forgot my password or want to reset back to factory defaults?

1) Locate the reset button on the back of the TW100-BRV204/304.
2) Press and hold in the reset button for approximately 15 seconds.

This will reset the unit back to its default configuration.

Q: What is the default IP address of my TW100-BRV204/304?

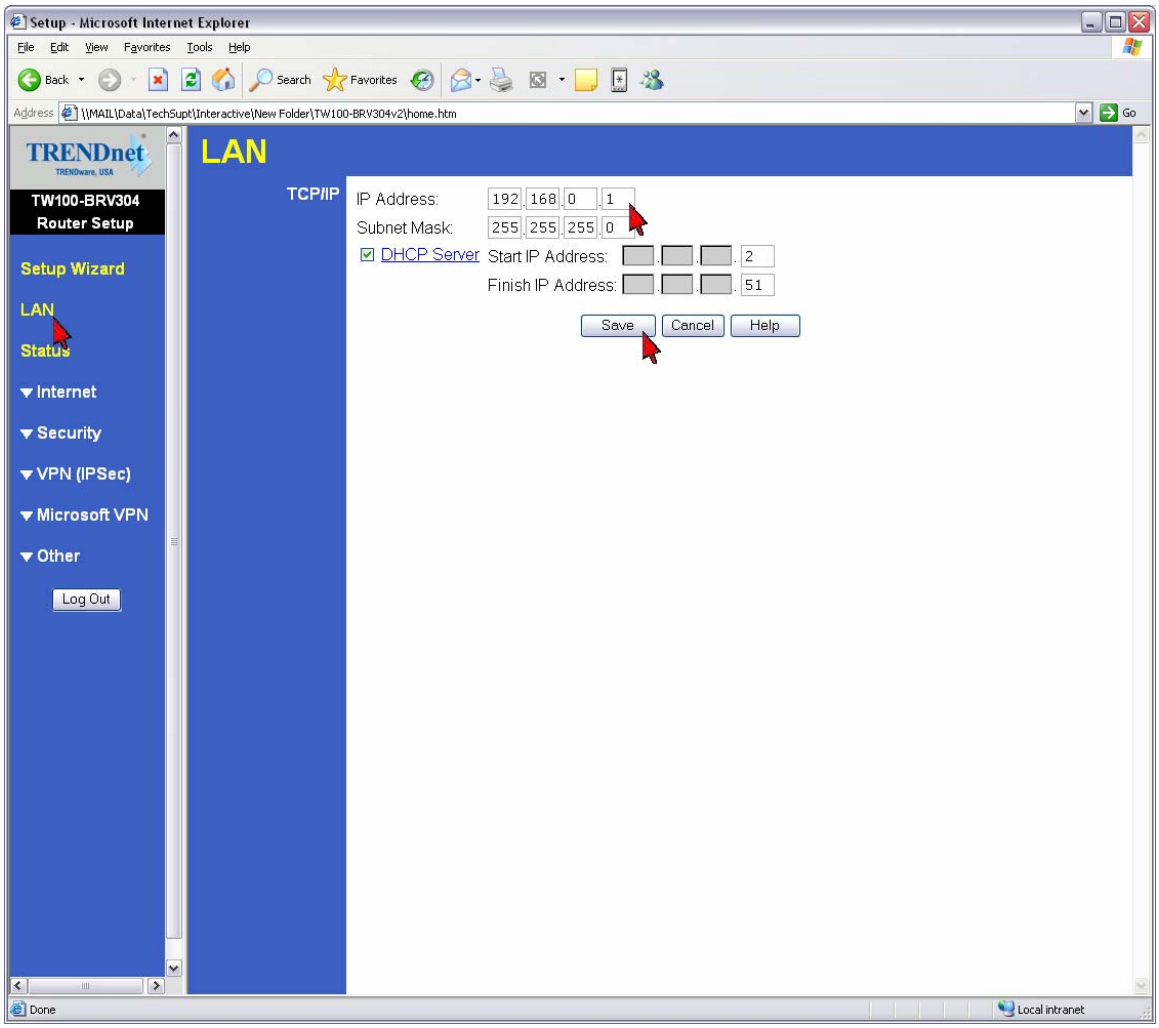
A: The default IP address for the TW100-BRV204/304 is 192.168.0.1.

Q: What is the default username and password for the TW100-BRV204/304?

A: The default username & password for the TW100-BRV204/304 are both (blank). There is no username and password set by default.

Q: How do I change the IP Address of my TW100-BRV204/304?

1) Open your web browser and type the IP address of the TW100-BRV204/304 in the address bar. The default IP address is 192.168.0.1. At the login, enter your username (blank) and password (blank).
2) Click on **LAN** on the left hand side.



3) Change the IP address in the IP Address field then click **Save**.

Q: How do I configure the TW100-BRV204/304?

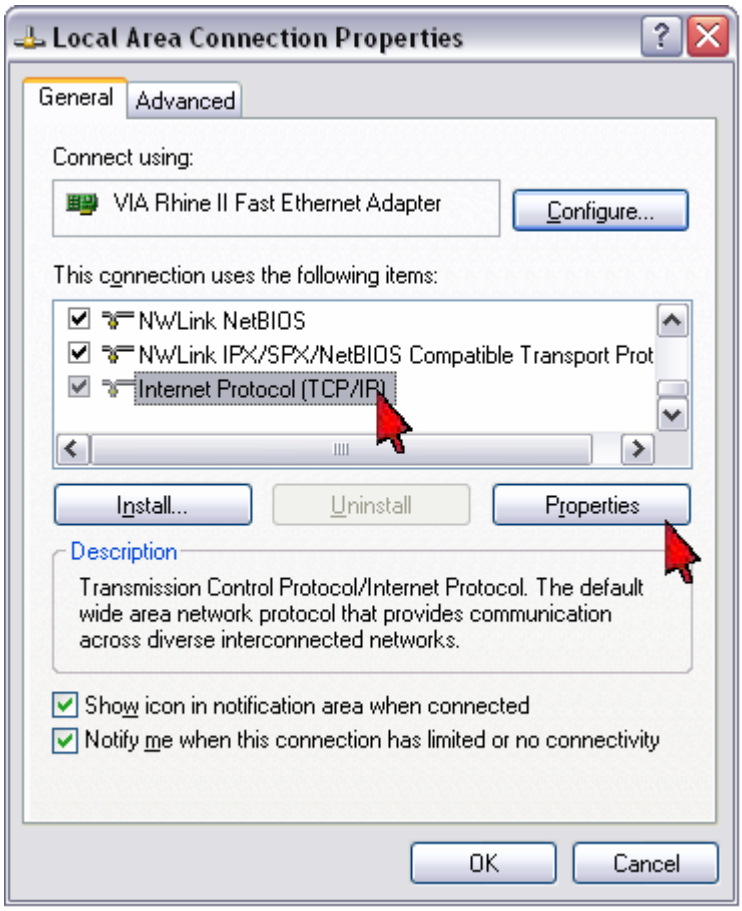
A:

1) Click **Start** then click on the **Control Panel**. For Windows 2000 click on **Start**, highlight settings then click on the **Control Panel**.

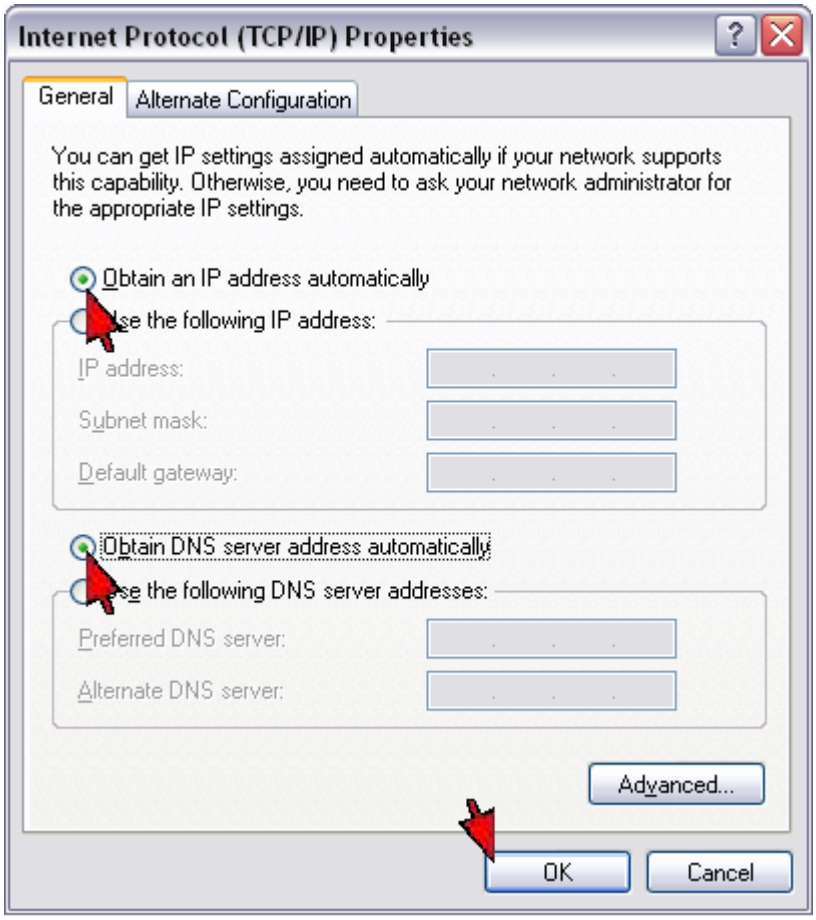
2) Double-Click on the **Network Connection** icon.

3) Right-Click on the **Local Area Connection** icon then click on **Properties**.

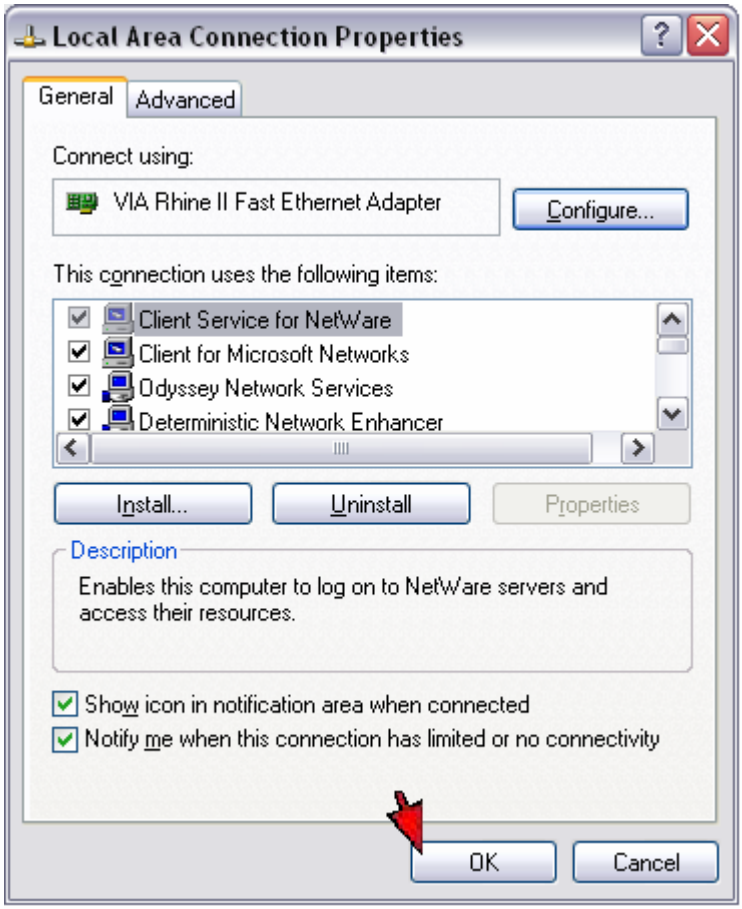
4) Highlight the **Internet Protocol (TCP/IP)** by single clicking on it then click on **Properties**.



5) Select **Obtain an IP address automatically** and **Obtain DNS server address automatically** then click **OK**.



6) Click **OK** again.



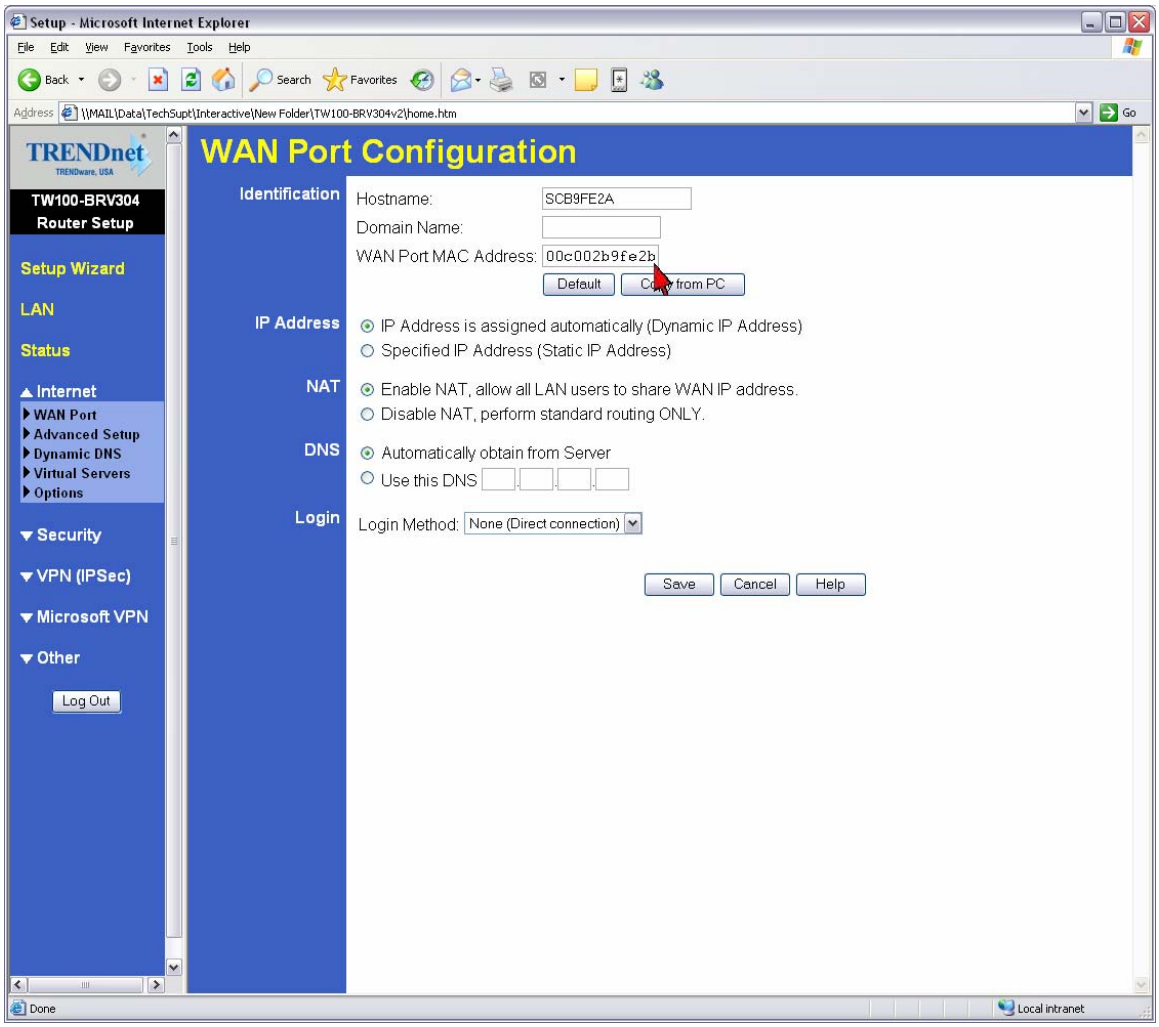
7) Your computer is now ready to access and configure the TW100-BRV204/304.

8) Open your web browser and type the IP address of the TW100-BRV204/304 in the address bar. The default IP address is 192.168.0.1. At the login, enter your username (blank) and password (blank).

Q: Where can I find the MAC Address of my TW100-BRV204/304?

A: The MAC Address can be found on a label on the bottom of the router. You can alternately find it by doing the following:

1) Open your web browser and type the IP address of the TW100-BRV204/304 in the address bar. The default IP address is 192.168.0.1. At the login, enter your username (blank) and password (blank).
2) Click on **LAN** at the top of the page.



3) The MAC address is listed next to the MAC Address field.

Q: How do I configure a VPN tunnel when one side has a dynamic IP address?

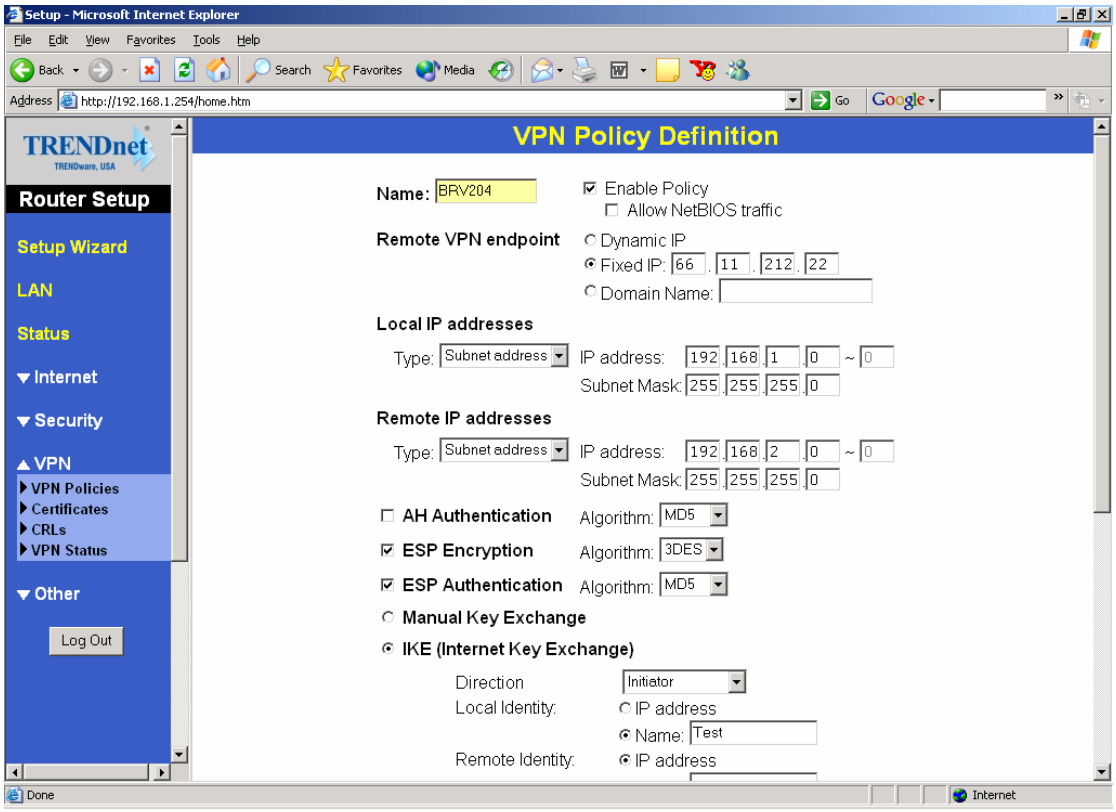
A: Use the following screenshots as a guide.

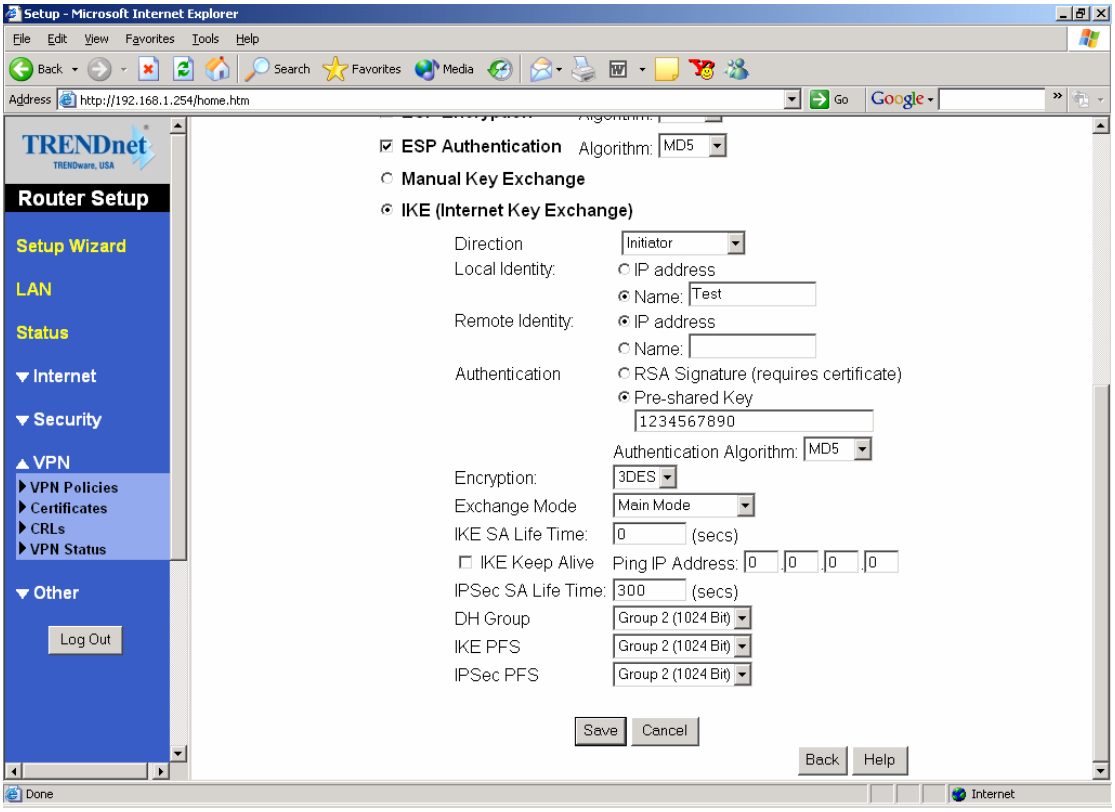
Scenario

PC1 (192.168.1.x)-BRV204 (dynamic) ~ BRV304 (64.11.212.22)–PC 2 (192.168.2.x)
Simply match both ends information. After the connections are created, 192.168.1.x should be able to ping 192.168.2.x.

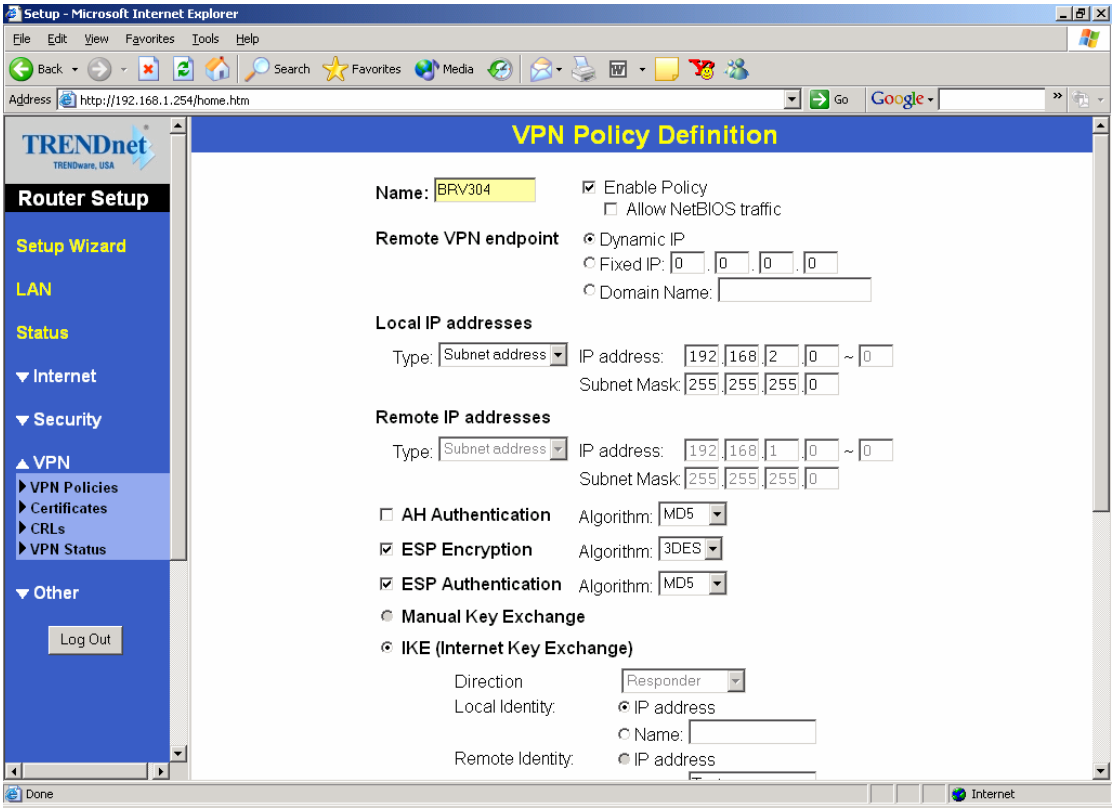
Important Note:
1. Please match Local/Remote Identity
2. Please match the Pre-Shared Key
3. Please match the Authentication and Algorithm
4. Dynamic side would be the **Initiator** for Direction
5. Static IP side would be the **Responder** for Direction
6. When there is a dynamic connection, it would be **Aggressive Mode** for Exchange Mode

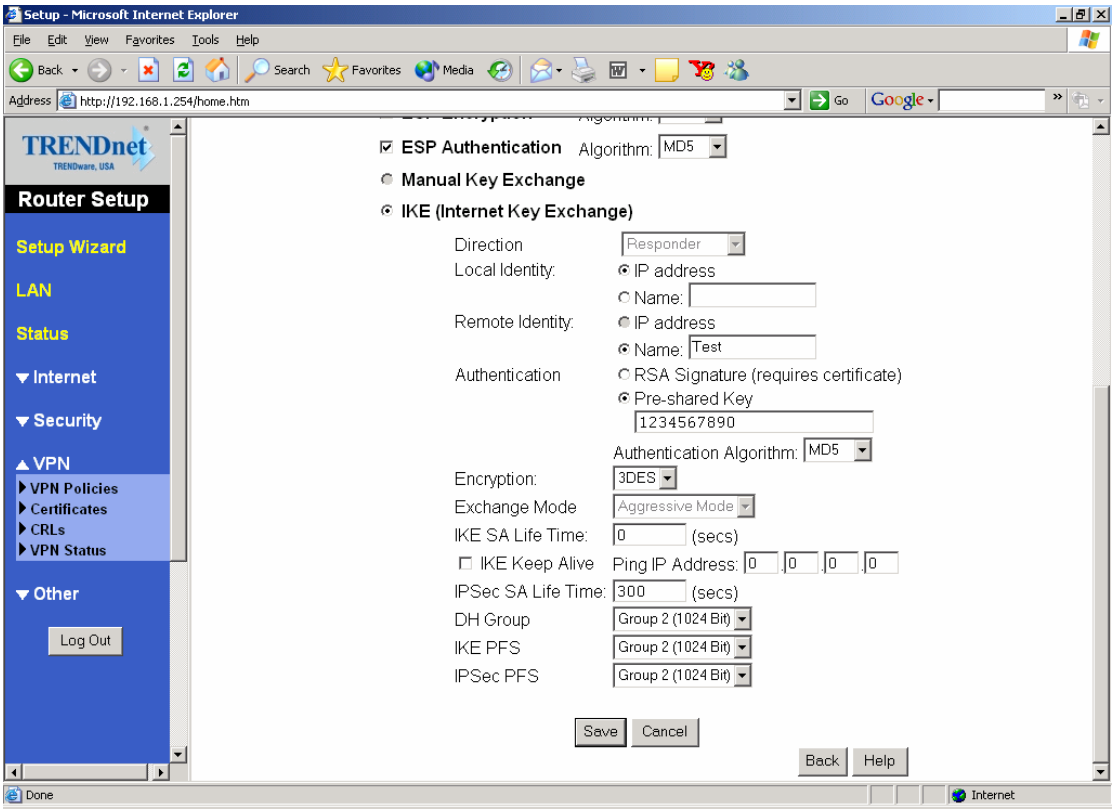
Settings on BRV204





Settings on BRV304


Setup - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://192.168.1.254/home.htm
Go Google
TRENDnet
TRENDware, USA
Router Setup
Setup Wizard
LAN
Status
Internet
Security
VPN
VPN Policies
Certificates
CRLs
VPN Status
Other
Log Out
VPN Policy Definition
Name: BRV304
Enable Policy
Allow NetBIOS traffic
Remote VPN endpoint
Dynamic IP
Fixed IP: 0 . 0 . 0 . 0
Domain Name:
Local IP addresses
Type: Subnet address
IP address: 192 . 168 . 2 . 0 ~ 0
Subnet Mask: 255 . 255 . 255 . 0
Remote IP addresses
Type: Subnet address
IP address: 192 . 168 . 1 . 0 ~ 0
Subnet Mask: 255 . 255 . 255 . 0
AH Authentication Algorithm: MD5
ESP Encryption Algorithm: 3DES
ESP Authentication Algorithm: MD5
Manual Key Exchange
IKE (Internet Key Exchange)
Direction Responder
Local Identity: IP address
Name:
Remote Identity: IP address
Done
Internet


Setup - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address http://192.168.1.254/home.htm
Go Google
TRENDnet
TRENDware, USA
Router Setup
Setup Wizard
LAN
Status
Internet
Security
VPN
VPN Policies
Certificates
CRLs
VPN Status
Other
Log Out
ESP Authentication Algorithm: MD5
Manual Key Exchange
IKE (Internet Key Exchange)
Direction Responder
Local Identity: IP address
Name:
Remote Identity: IP address
Name: Test
Authentication RSA Signature (requires certificate)
Pre-shared Key
1234567890
Authentication Algorithm: MD5
Encryption: 3DES
Exchange Mode Aggressive Mode
IKE SA Life Time: 0 (secs)
IKE Keep Alive Ping IP Address: 0 . 0 . 0 . 0
IPSec SA Life Time: 300 (secs)
DH Group Group 2 (1024 Bit)
IKE PFS Group 2 (1024 Bit)
IPSec PFS Group 2 (1024 Bit)
Save Cancel
Back Help
Done
Internet

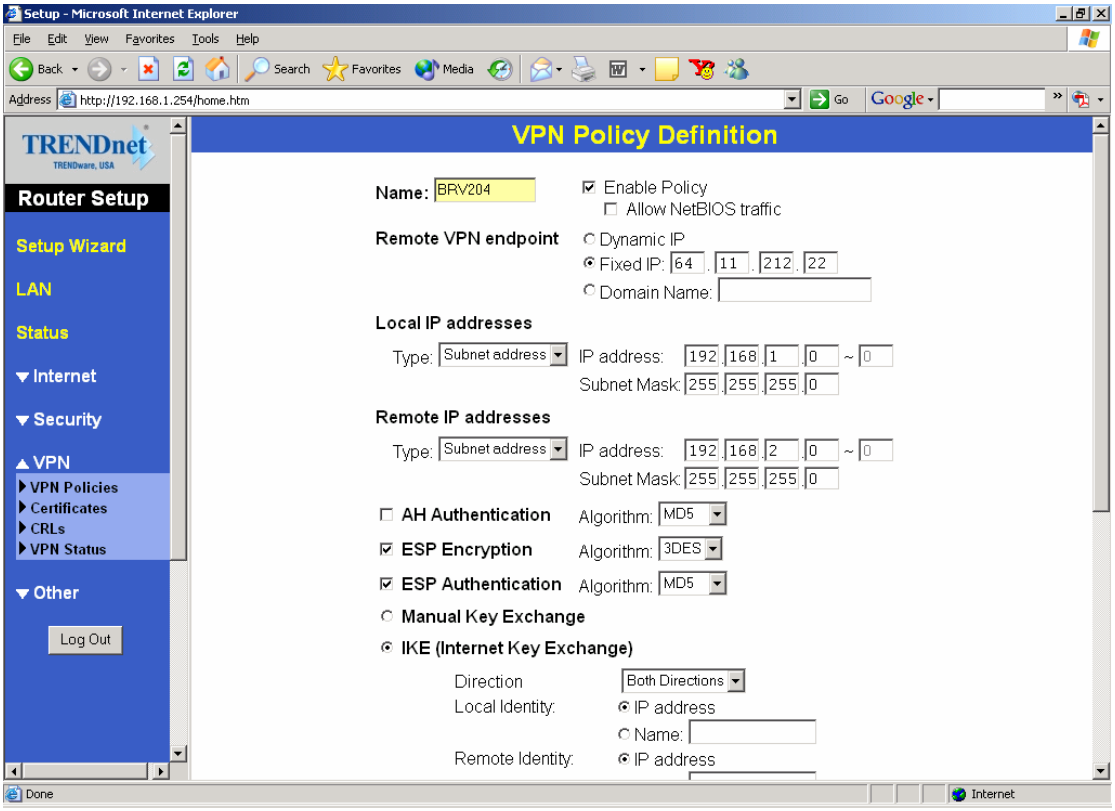
Q: How do I configure a VPN tunnel with both sides having static IP addresses?

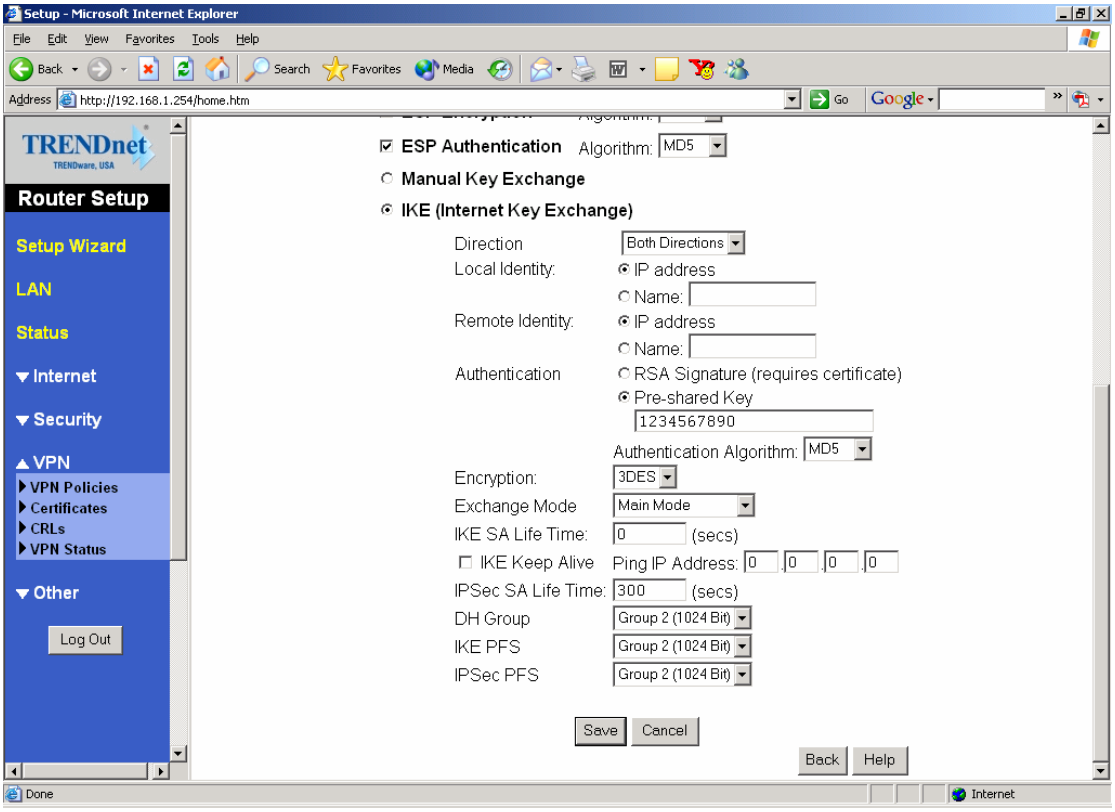
A: Use the following screenshots as a guide.

Scenario

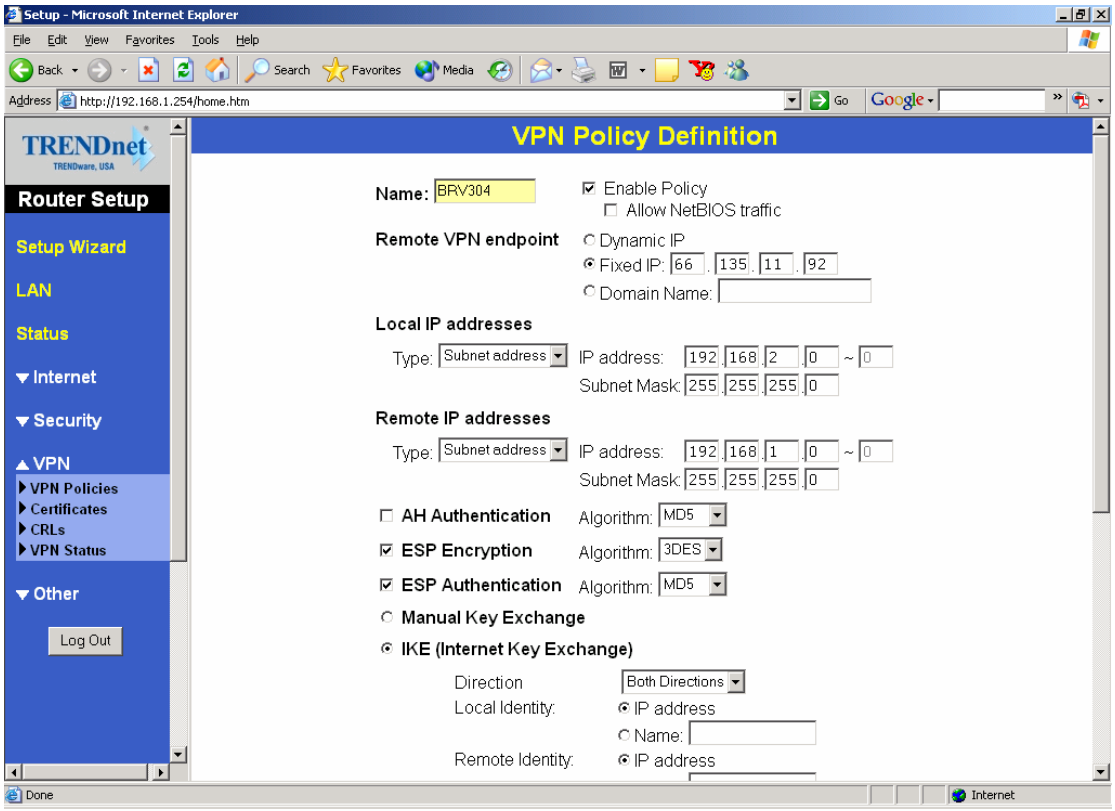
PC1 (192.168.1.x)-BRV204 (66.135.11.92) ~ BRV304 (64.11.212.22)–PC 2 (192.168.2.x)
Simply match both ends information. After the connections are created, 192.168.1.x should be able to ping 192.168.2.x.

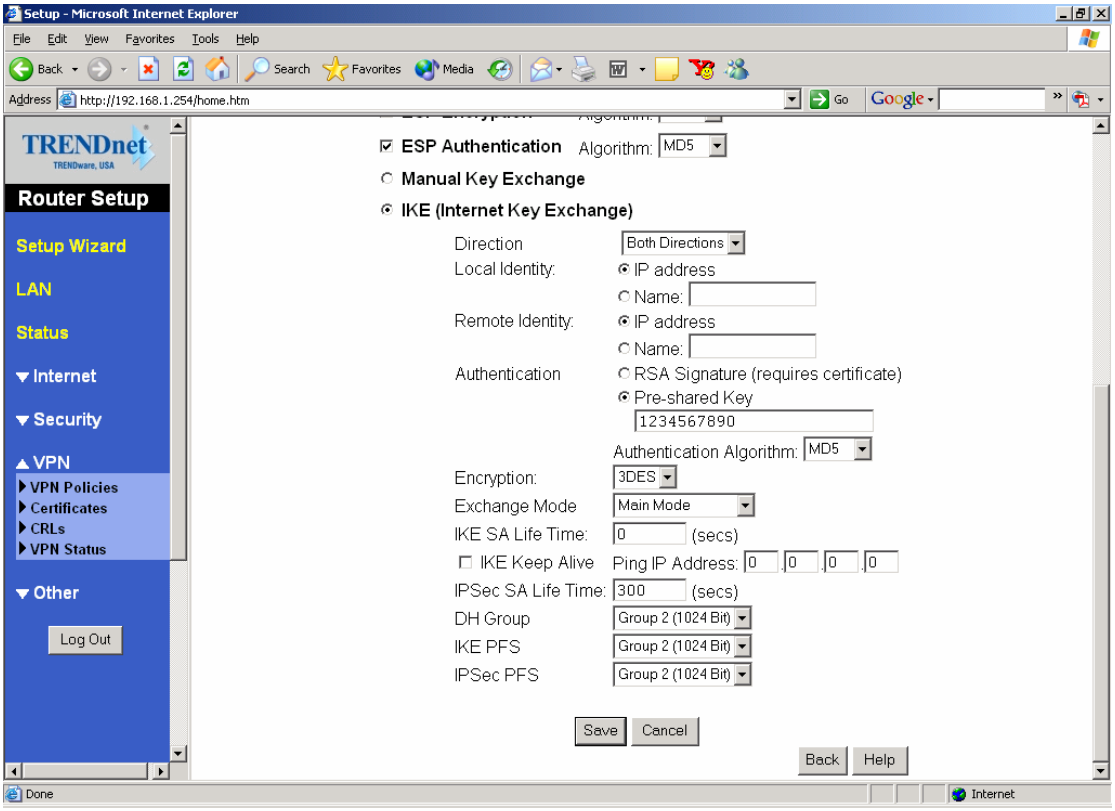
Settings on BRV204





Settings on BRV304

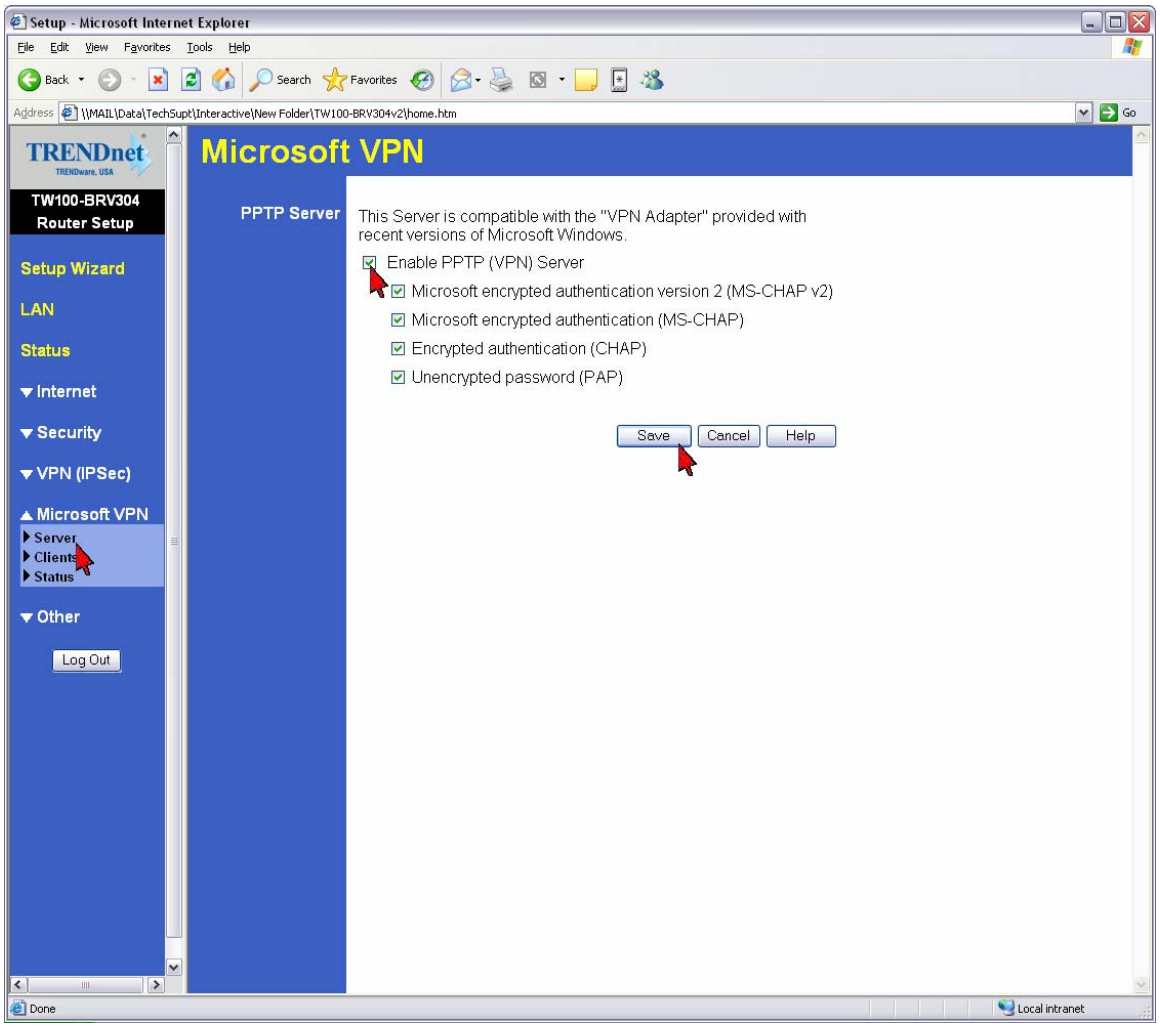




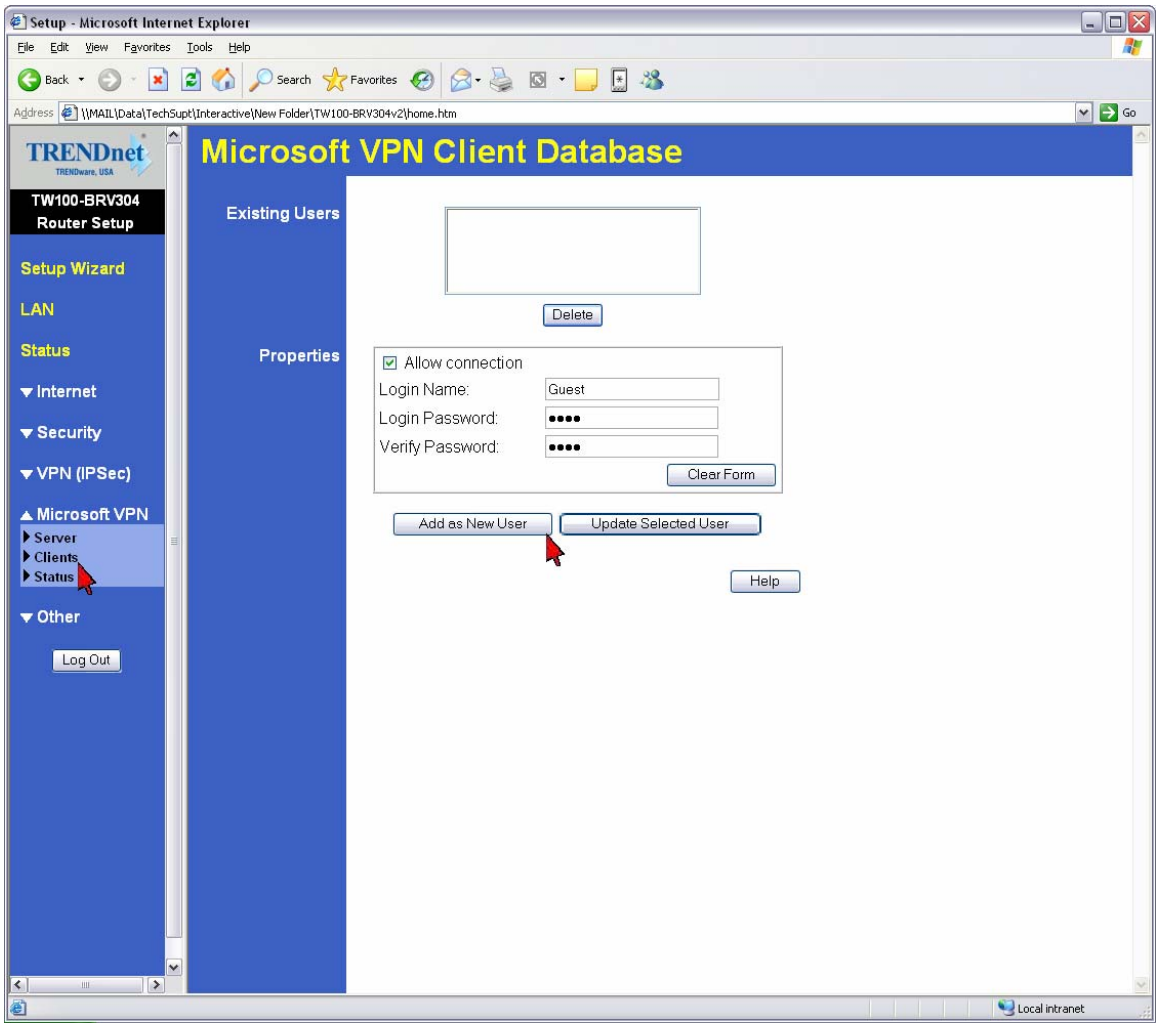
Q: How do I connect using a the Microsoft VPN Client?

A:

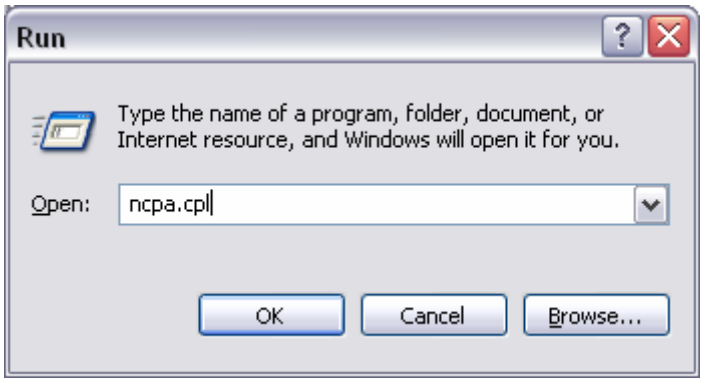
1) Open your web browser and type the IP address of the TW100-BRV204/304 in the address bar. The default IP address is 192.168.0.1. At the login, enter your username (blank) and password (blank).
2) Click **Microsoft VPN** then **Server** on the left hand side. Place a check mark in **Enable PPTP (VPN) Server** then click **Save**.



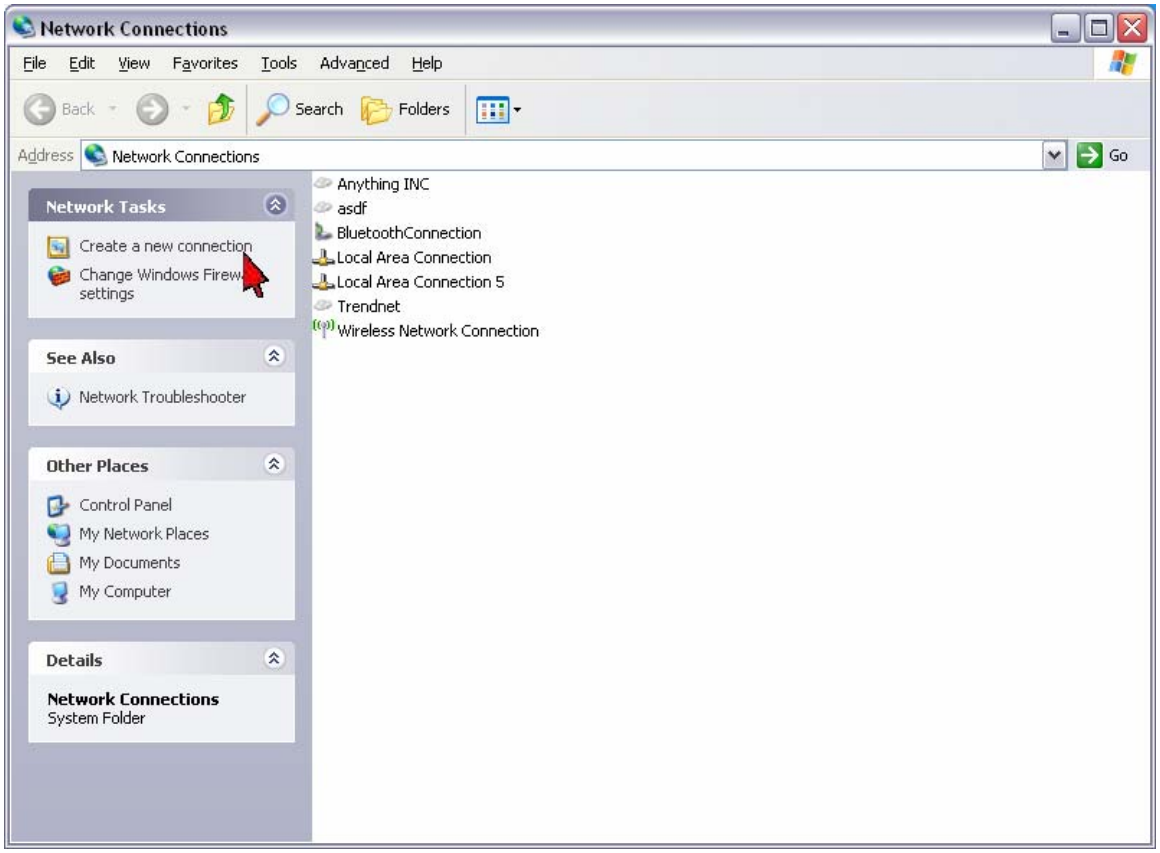
3) Click on **Clients** on the left hand side. Place a check mark in **Allow connection**. Add a **Login Name** and **Login Password**, verify the password and click **Add as a new User**.



4) From a remote client. Click **Start**>**Run** and type in ”ncpa.cpl”, without the quotes then click **OK**.

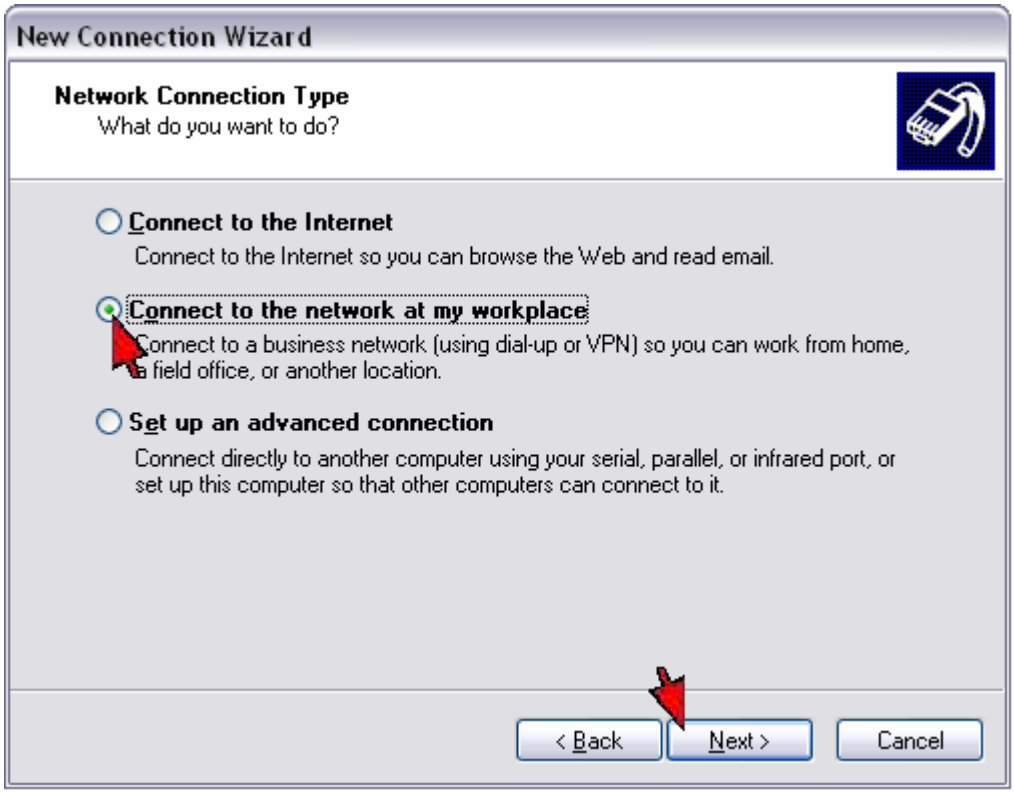


5) Click **Create a new connection**.


Network Connections
File Edit View Favorites Tools Advanced Help
Back Search Folders
Address Network Connections
Go
Network Tasks
Create a new connection
Change Windows Firewall settings
See Also
Network Troubleshooter
Other Places
Control Panel
My Network Places
My Documents
My Computer
Details
Network Connections
System Folder
Anything INC
asdf
BluetoothConnection
Local Area Connection
Local Area Connection 5
Trendnet
Wireless Network Connection

6) Click **Next**

7) Select **Connect to the network at my workplace** then click **Next**.

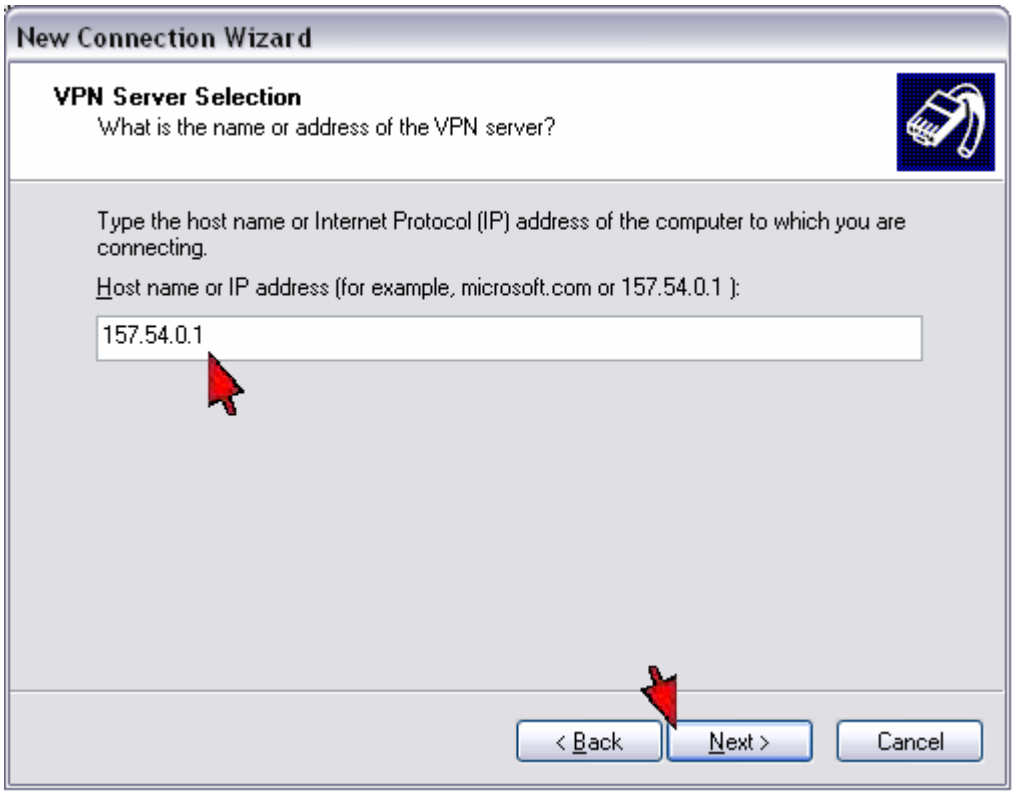


8) Select **Virtual Private Network connection** then click **Next**.

9) Enter in a name for the connection then click **Next**.

10) Select **Do not dial the initial connection** then click **Next**.

11) Enter the Public IP address of the TW100-BRV204/304 into the Host name or IP address field then click Next. Note: Do not enter in the IP address that is in the screenshot. That is an example only. You will use the Public IP address of the router that you are connecting to.



12) Select **My use only** then click **Next**.

13) Place a check mark into **Add a shortcut to this connection to my desktop** if you want a shortcut then click **Finish**.

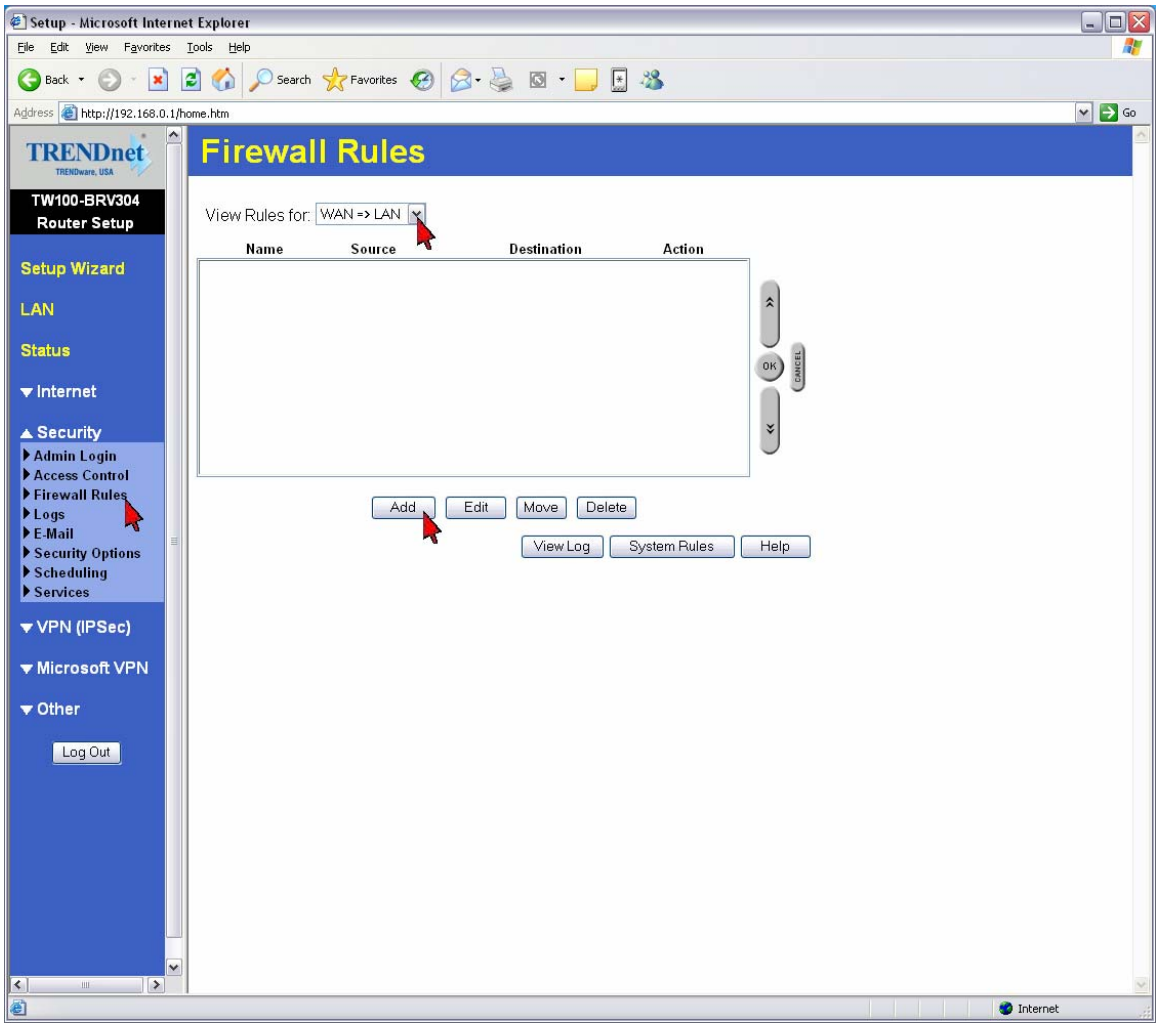
14) Enter the **Username** and **Password** that you configured on the TW100-BRV204/304 then click **Connect**.

Q: How do I forward ports in my TW100-BRV204/304?

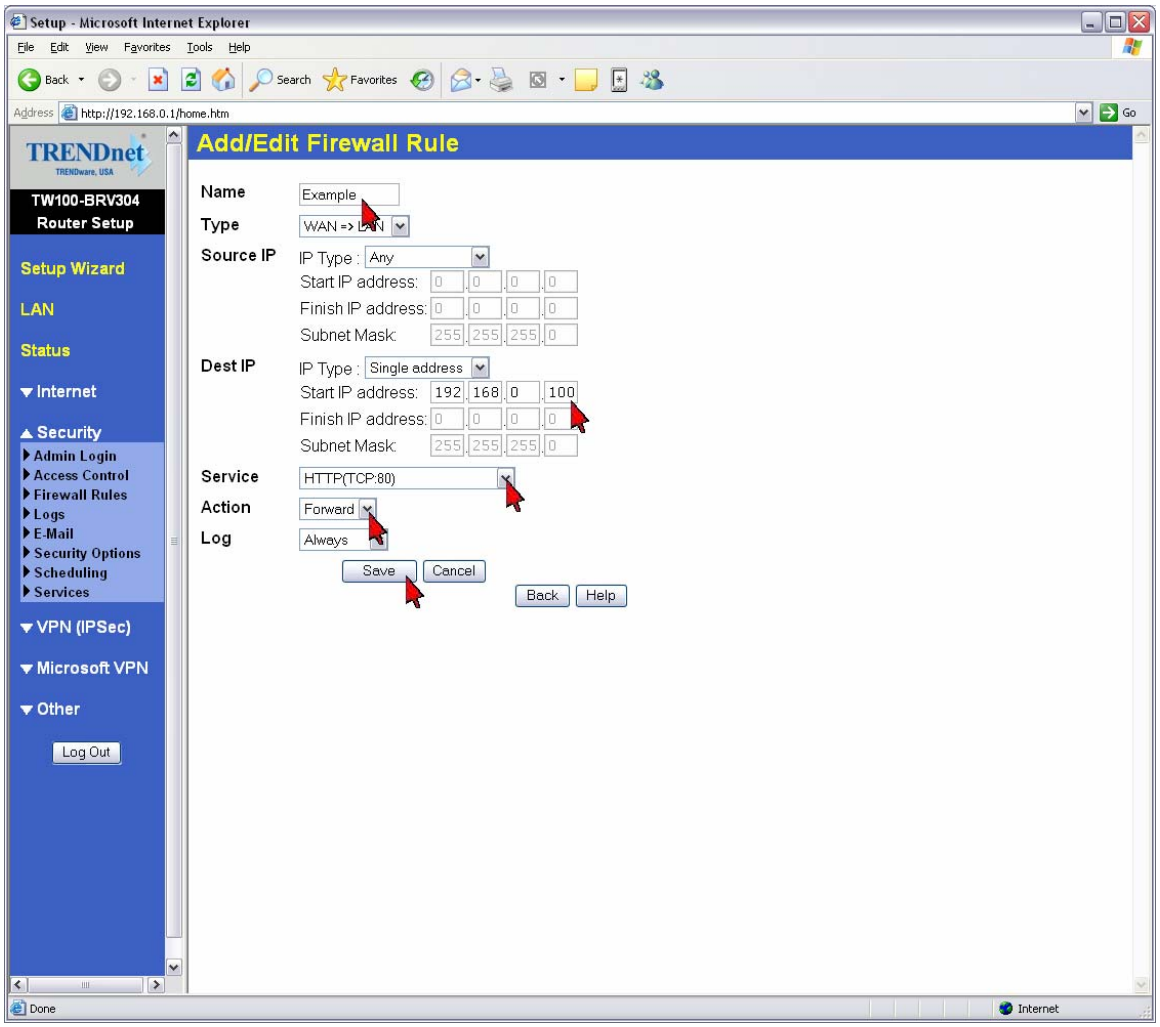
A:

Well Known Ports

1) Open your web browser and type the IP address of the TW100-BRV204/304 in the address bar. The default IP address is 192.168.0.1. At the login, enter your username (blank) and password (blank).
2) Click **Security** then **Firewall Rules** on the left hand side.
3) Select **WAN=>LAN** in the drop down menu in the **View Rules for** category.
4) Click **Add**.

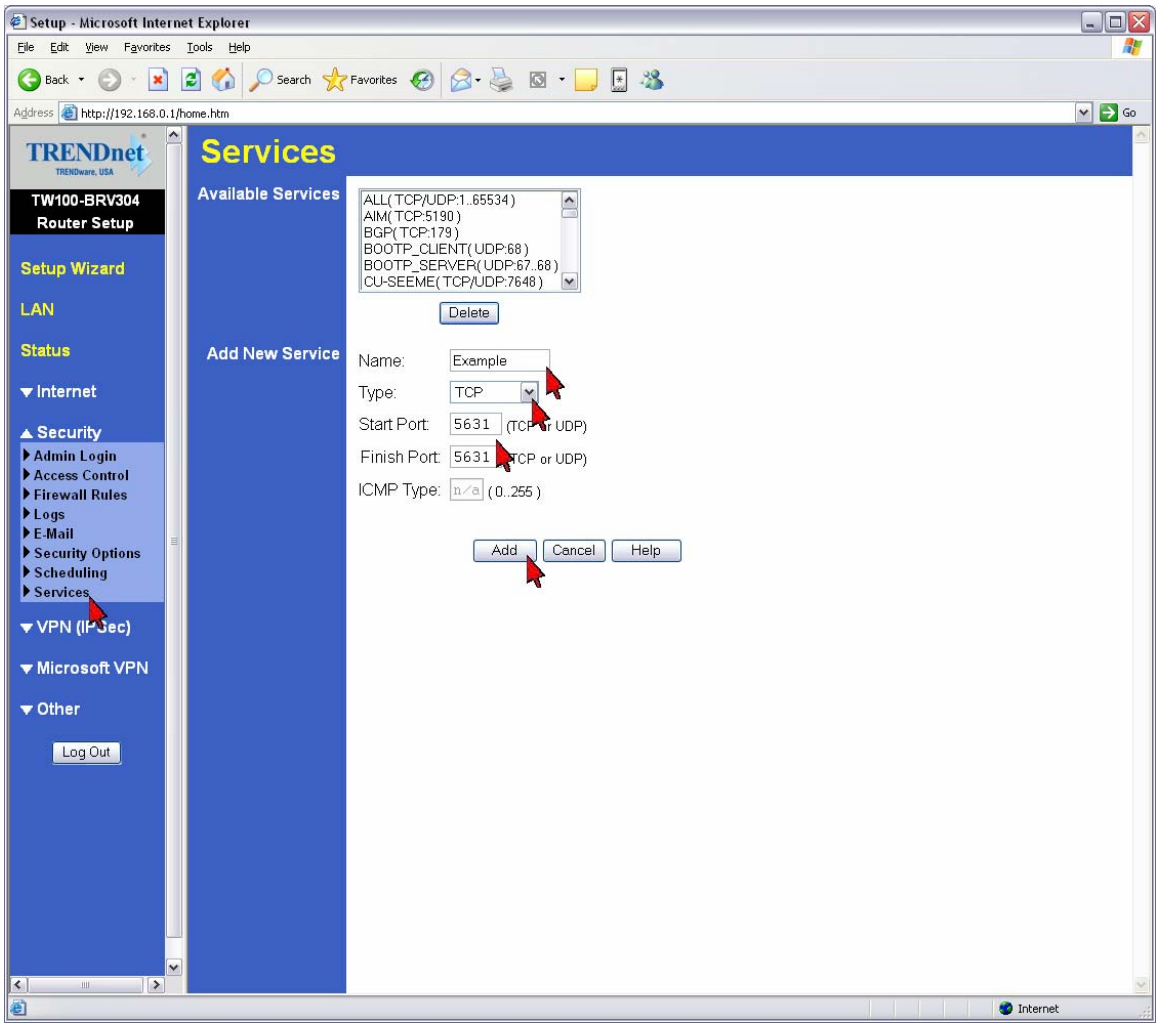


5) Give the rule a name. Enter in the IP address of the computer you want the port forwarded to. Select the service that you want forwarded. Select **Forward** in the action menu then click **Save**.



Note: For a custom service you must add the service first.

1) Click **Security** then **Services** on the left hand side.
2) Enter in a **Name**, **Type**, **Start** and **Finish ports** then click **Add**.


Setup - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites
Address http://192.168.0.1/home.htm
Go
TRENDnet
TRENDware, USA
TW100-BRV304
Router Setup
Setup Wizard
LAN
Status
Internet
Security
Admin Login
Access Control
Firewall Rules
Logs
E-Mail
Security Options
Scheduling
Services
VPN (IPSec)
Microsoft VPN
Other
Log Out
Services
Available Services
ALL(TCP/UDP:1..65534)
AIM(TCP:5190)
BGP(TCP:179)
BOOTP_CLIENT(UDP:68)
BOOTP_SERVER(UDP:67..68)
CU-SEEME(TCP/UDP:7648)
Delete
Add New Service
Name: Example
Type: TCP
Start Port: 5631 (TCP or UDP)
Finish Port: 5631 (TCP or UDP)
ICMP Type: n/a (0..255)
Add Cancel Help
Internet