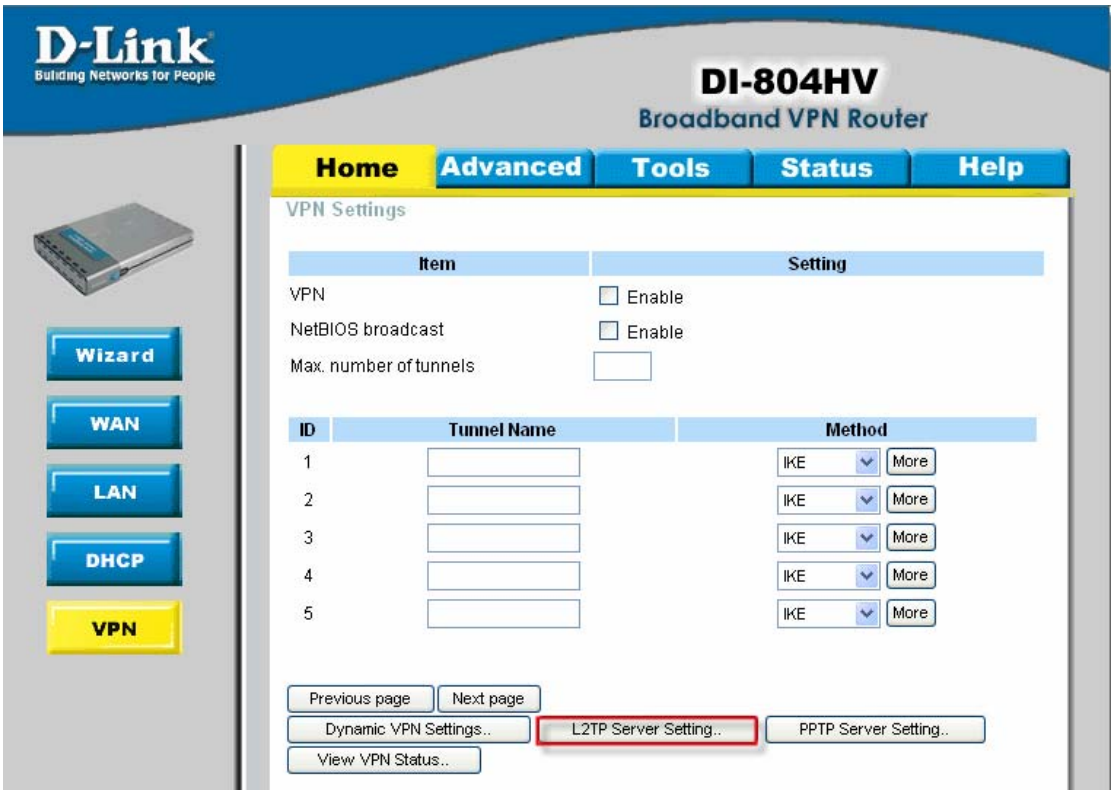
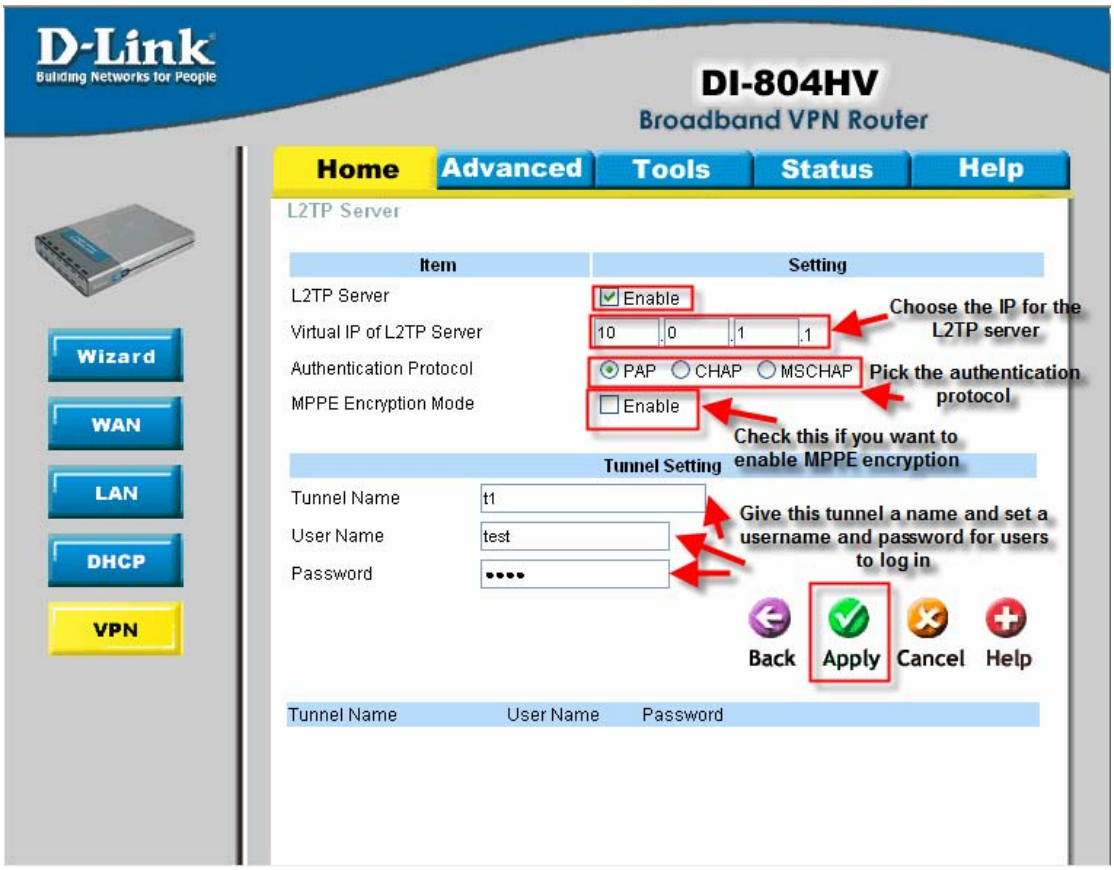
How do I configure the L2TP Server on my DI-804HV or DI-808HV so I can VPN using Network and Dial-up Connections on a WinXP or Win2k machine?

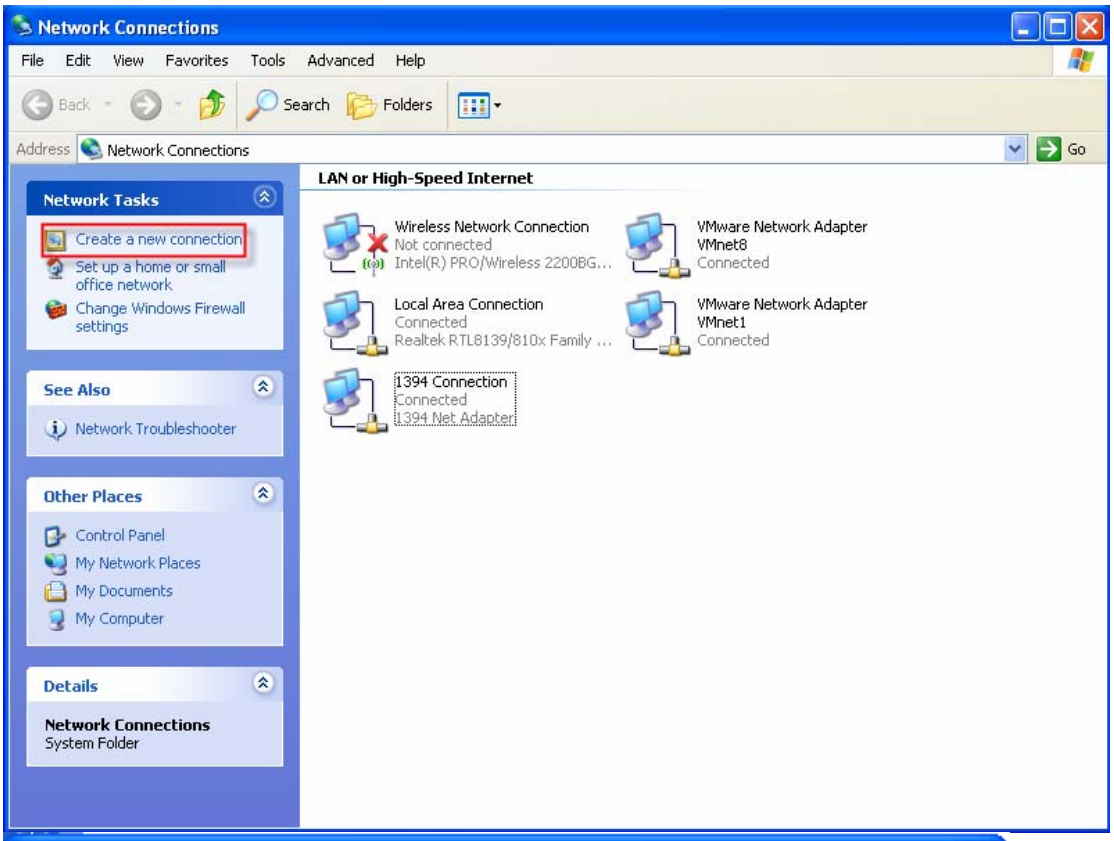




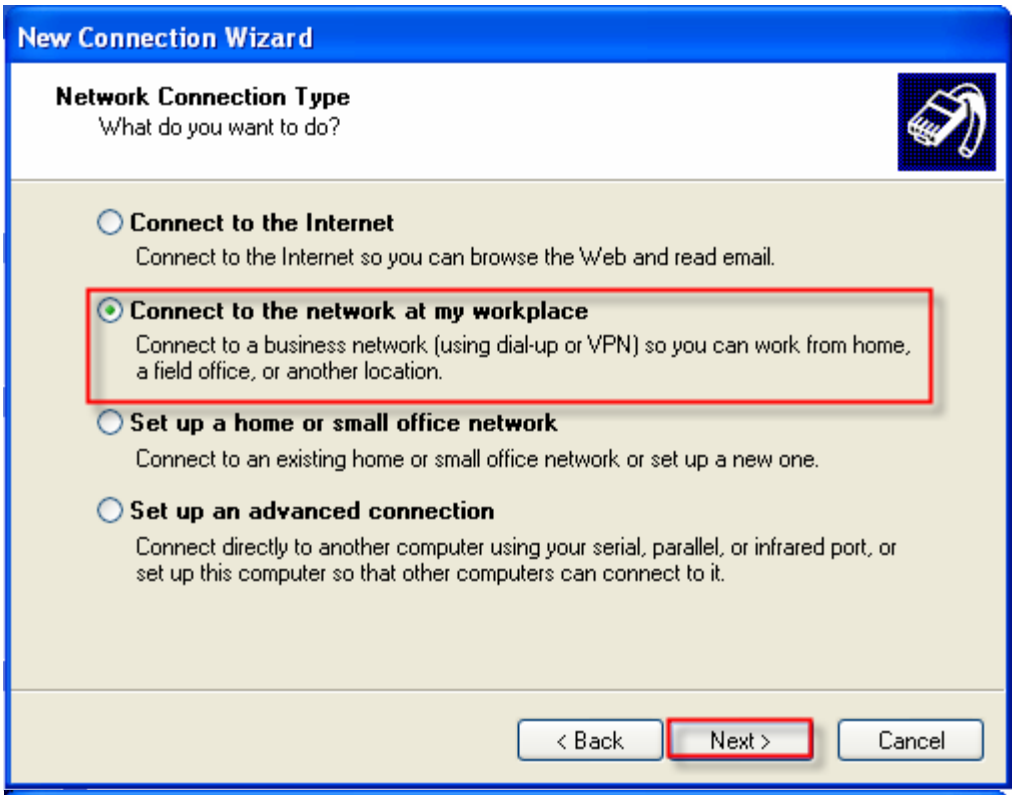
We use Microsoft built-in L2TP client to establish connection with the server. But first you'd need to modify the Windows registry due to the reason that by default, Windows only have L2TP/IPSec enabled, to have the client runs in pure L2TP, you'd need to modify the registry to disable the IPSec part. Follow the below procedure to do so:

Click on "Start" → "Run" and type "regedit".
In the registry window, on the left pane, go to "HKEY_LOCAL_MACHINE" → "SYSTEM" → "CurrentControlSet" → "Services" → "RasMan"
Then right click anywhere on the right pane, and choose "NEW" → "DWORD Value", then name it "ProhibitIpsec", then right click on it then choose "Modify" then change the Value Data to "1" then close out the window and restart the computer.

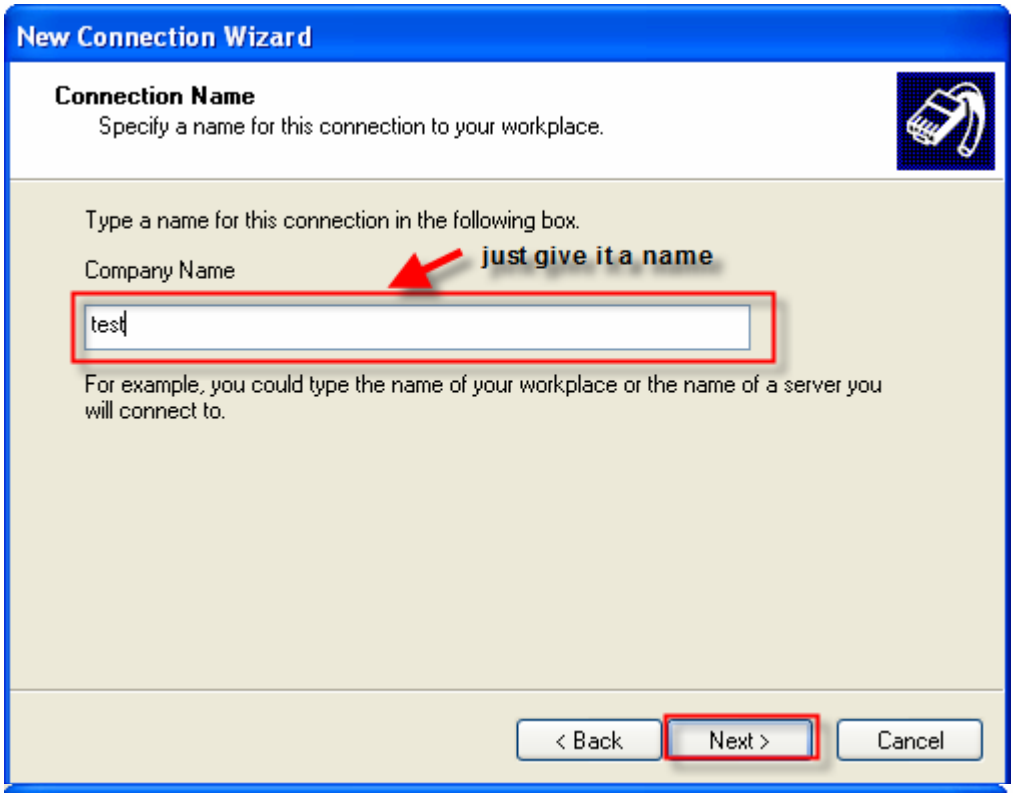
Once the computer is restarted, right click on "My Network Places" on the desktop then choose "Properties" and follow the below procedures:

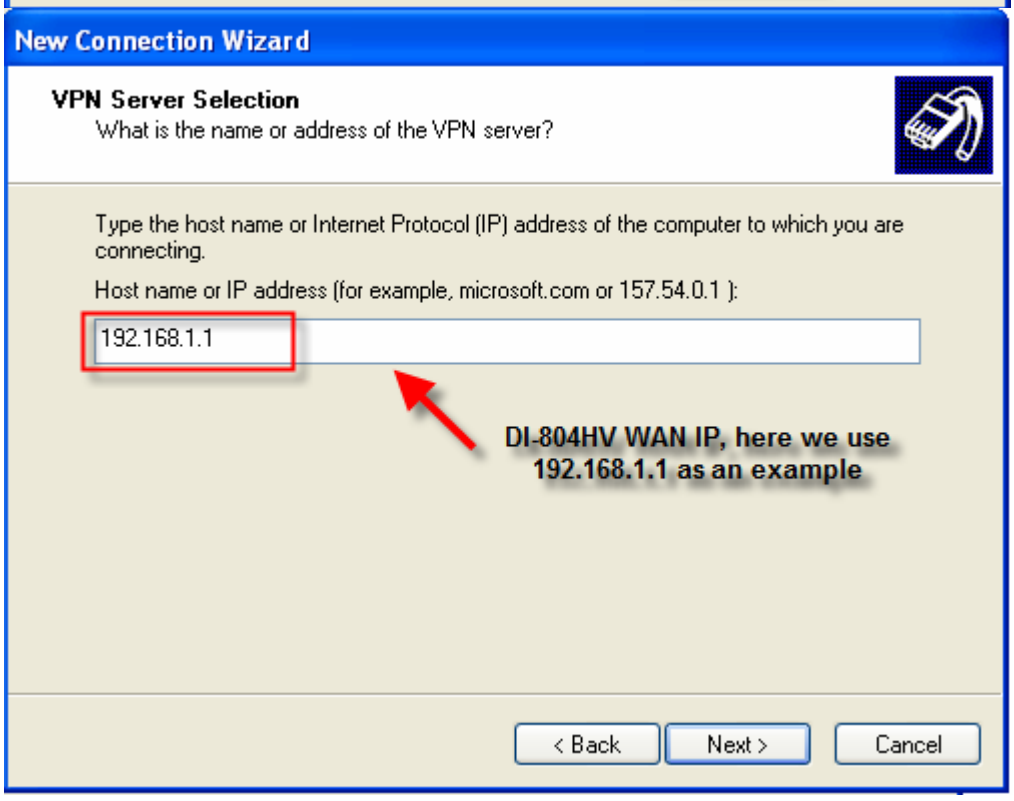

Network Connections
File Edit View Favorites Tools Advanced Help
Back Search Folders
Address Network Connections
Go
Network Tasks
Create a new connection
Set up a home or small office network
Change Windows Firewall settings
See Also
Network Troubleshooter
Other Places
Control Panel
My Network Places
My Documents
My Computer
Details
Network Connections
System Folder
LAN or High-Speed Internet
Wireless Network Connection
Not connected
Intel(R) PRO/Wireless 2200BG...
VMware Network Adapter
VMnet8
Connected
Local Area Connection
Connected
Realtek RTL8139/810x Family ...
VMware Network Adapter
VMnet1
Connected
1394 Connection
Connected
1394 Net Adapter

New Connection Wizard
Welcome to the New Connection Wizard
This wizard helps you:
• Connect to the Internet.
• Connect to a private network, such as your workplace network.
• Set up a home or small office network.
To connect to a wireless network, view wireless networks in range.
To continue, click Next.
< Back
Next >
Cancel

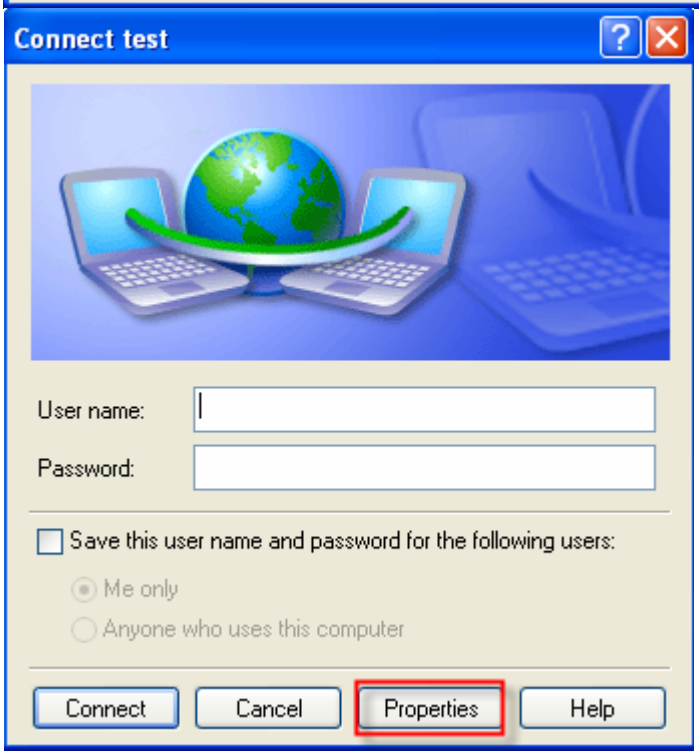

New Connection Wizard
Network Connection Type
What do you want to do?
Connect to the Internet
Connect to the Internet so you can browse the Web and read email.
Connect to the network at my workplace
Connect to a business network (using dial-up or VPN) so you can work from home, a field office, or another location.
Set up a home or small office network
Connect to an existing home or small office network or set up a new one.
Set up an advanced connection
Connect directly to another computer using your serial, parallel, or infrared port, or set up this computer so that other computers can connect to it.
< Back
Next >
Cancel

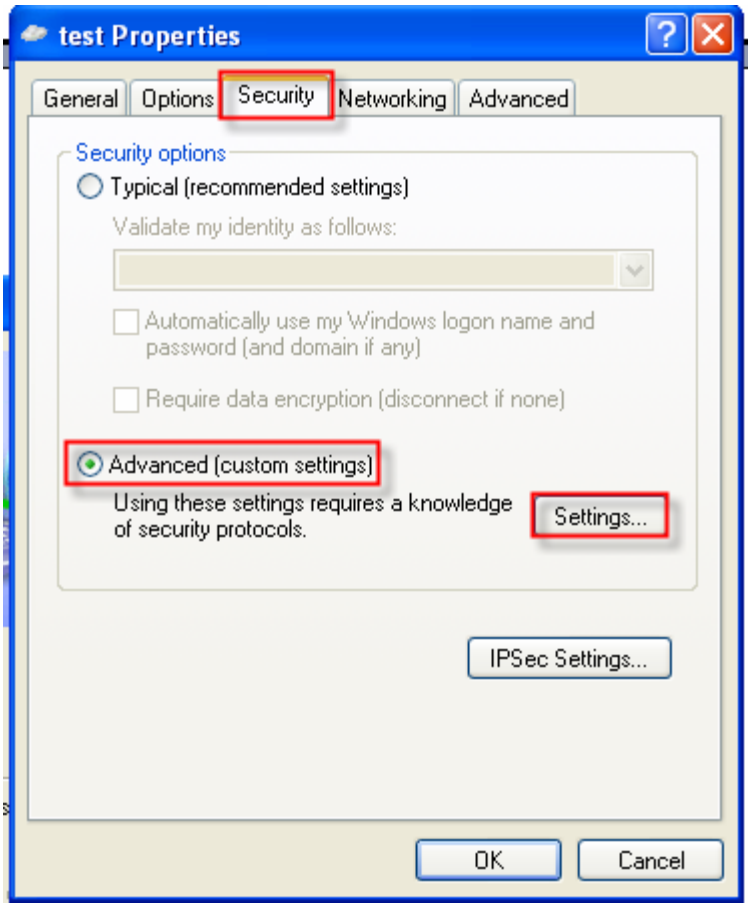
New Connection Wizard
Network Connection
How do you want to connect to the network at your workplace?
Create the following connection:
Dial-up connection
Connect using a modem and a regular phone line or an Integrated Services Digital Network (ISDN) phone line.
Virtual Private Network connection
Connect to the network using a virtual private network (VPN) connection over the Internet.
< Back
Next >
Cancel

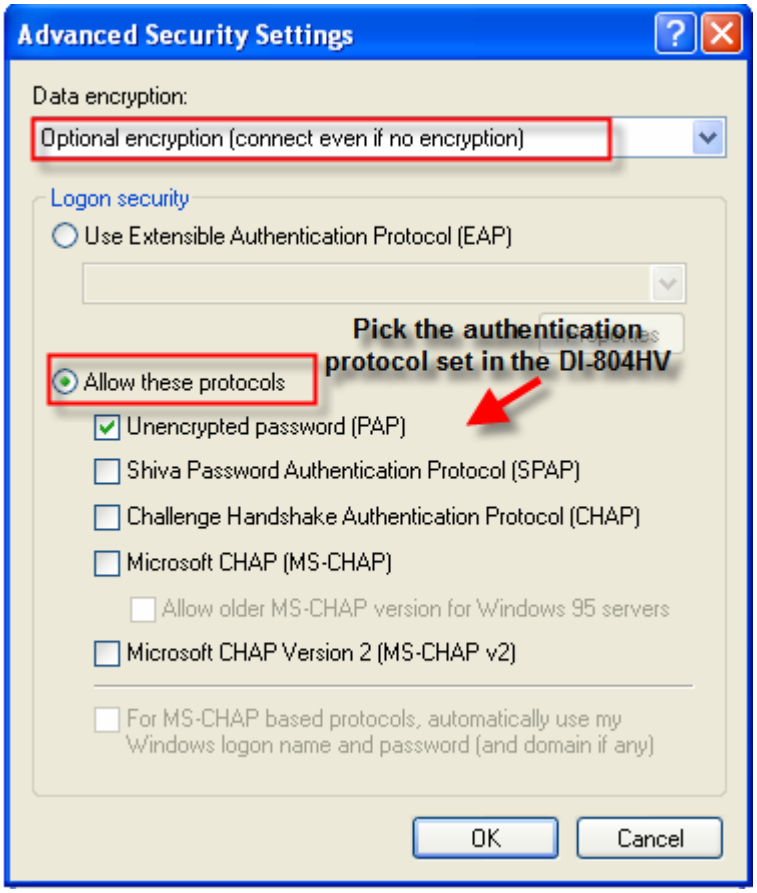

New Connection Wizard
Connection Name
Specify a name for this connection to your workplace.
Type a name for this connection in the following box.
Company Name
just give it a name
test
For example, you could type the name of your workplace or the name of a server you will connect to.
< Back
Next >
Cancel

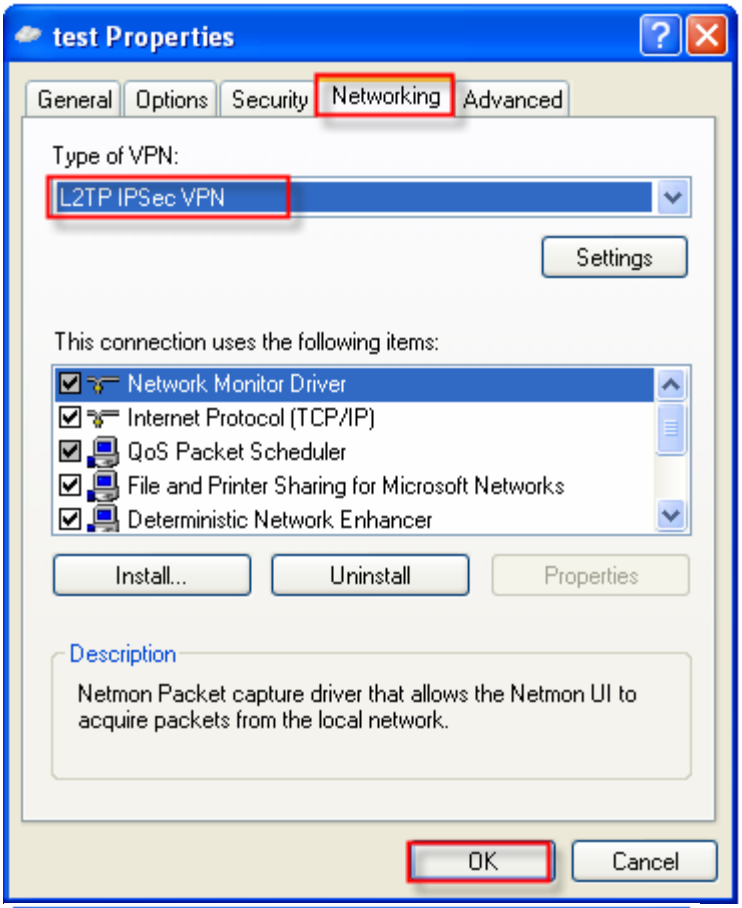

New Connection Wizard
VPN Server Selection
What is the name or address of the VPN server?
Type the host name or Internet Protocol (IP) address of the computer to which you are connecting.
Host name or IP address (for example, microsoft.com or 157.54.0.1):
192.168.1.1
DI-804HV WAN IP, here we use 192.168.1.1 as an example
< Back
Next >
Cancel

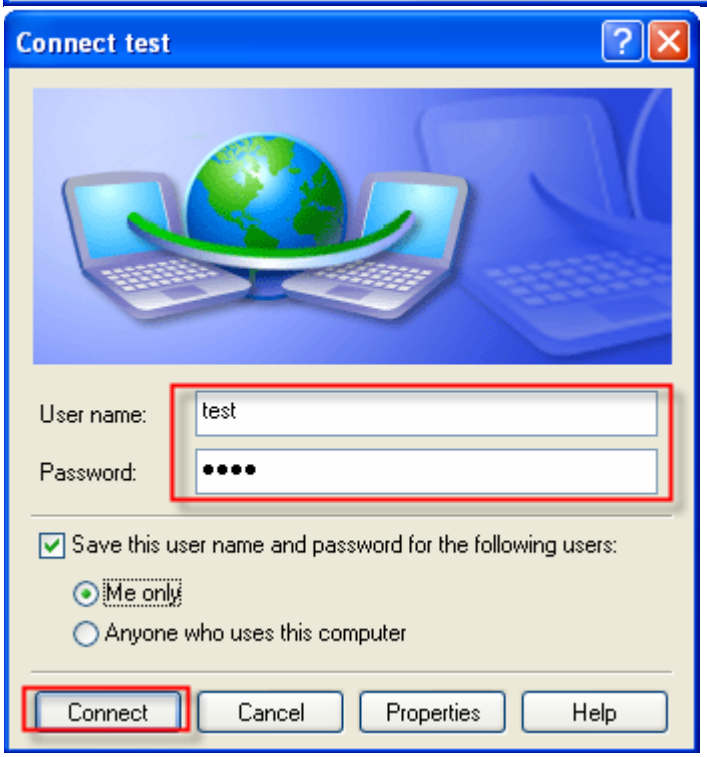
New Connection Wizard
Completing the New Connection Wizard
You have successfully completed the steps needed to create the following connection:
test
• Share with all users of this computer
The connection will be saved in the Network Connections folder.
Add a shortcut to this connection to my desktop
To create the connection and close this wizard, click Finish.
< Back
Finish
Cancel


Connect test
User name:
Password:
Save this user name and password for the following users:
Me only
Anyone who uses this computer
Connect
Cancel
Properties
Help


test Properties
General
Options
Security
Networking
Advanced
Security options
Typical (recommended settings)
Validate my identity as follows:
Automatically use my Windows logon name and password (and domain if any)
Require data encryption (disconnect if none)
Advanced (custom settings)
Using these settings requires a knowledge of security protocols.
Settings...
IPSec Settings...
OK
Cancel


Advanced Security Settings
Data encryption:
Optional encryption (connect even if no encryption)
Logon security
Use Extensible Authentication Protocol (EAP)
Pick the authentication protocol set in the DI-804HV
Allow these protocols
Unencrypted password (PAP)
Shiva Password Authentication Protocol (SPAP)
Challenge Handshake Authentication Protocol (CHAP)
Microsoft CHAP (MS-CHAP)
Allow older MS-CHAP version for Windows 95 servers
Microsoft CHAP Version 2 (MS-CHAP v2)
For MS-CHAP based protocols, automatically use my Windows logon name and password (and domain if any)
OK
Cancel


test Properties
General
Options
Security
Networking
Advanced
Type of VPN:
L2TP IPSec VPN
Settings
This connection uses the following items:
Network Monitor Driver
Internet Protocol (TCP/IP)
QoS Packet Scheduler
File and Printer Sharing for Microsoft Networks
Deterministic Network Enhancer
Install...
Uninstall
Properties
Description
Netmon Packet capture driver that allows the Netmon UI to acquire packets from the local network.
OK
Cancel


Connect test
User name:
test
Password:
Save this user name and password for the following users:
Me only
Anyone who uses this computer
Connect
Cancel
Properties
Help