How to set up PPTP between Cisco RV-120W and DSR-1000N

In this scenario, we use the DSR-1000N as PPTP server and Cisco RV-120W as PPTP clients.

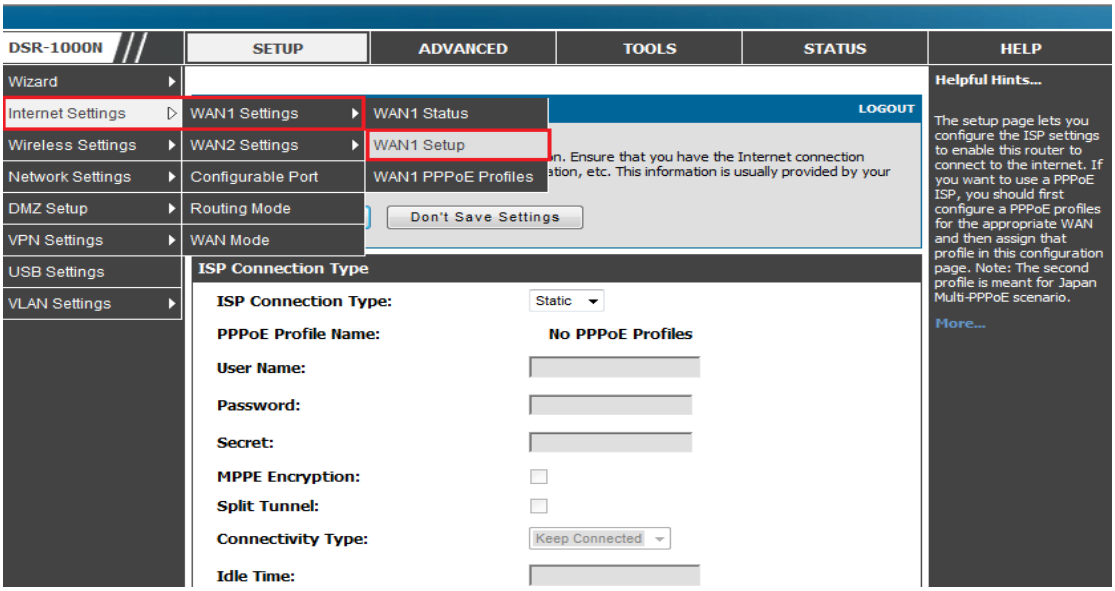
[Topology]:

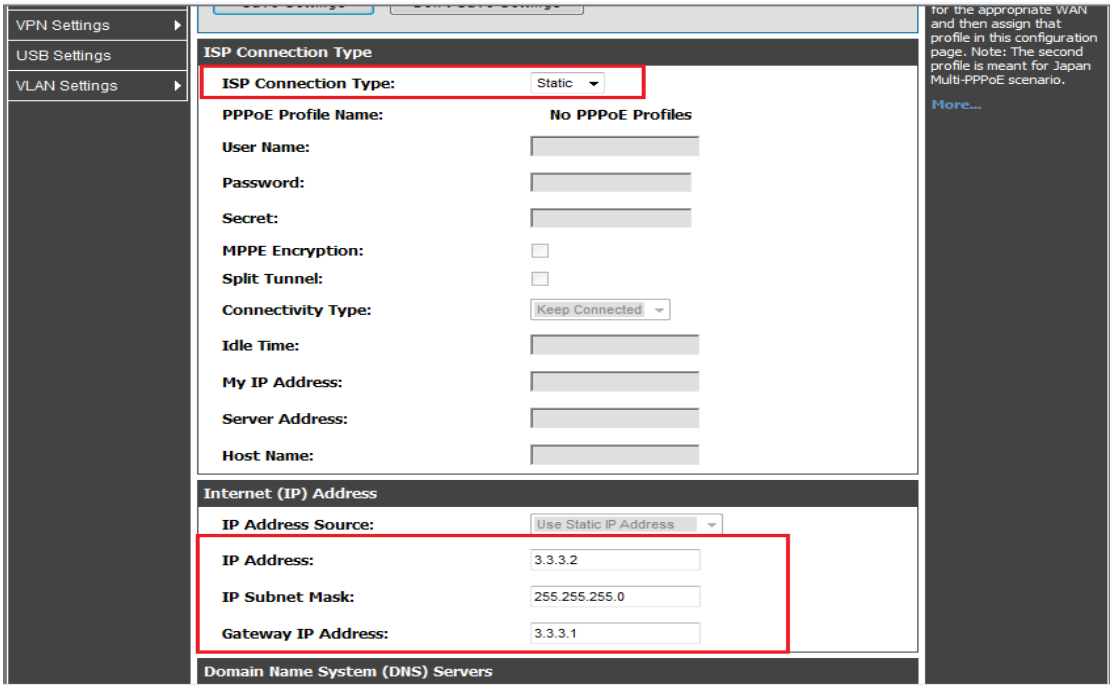
(192.168.10.1)**DSR-1000N**(3.3.3.2)--(3.3.3.1)**Cisco-RV-120W**(192.168.10.1)

[Configuration]:

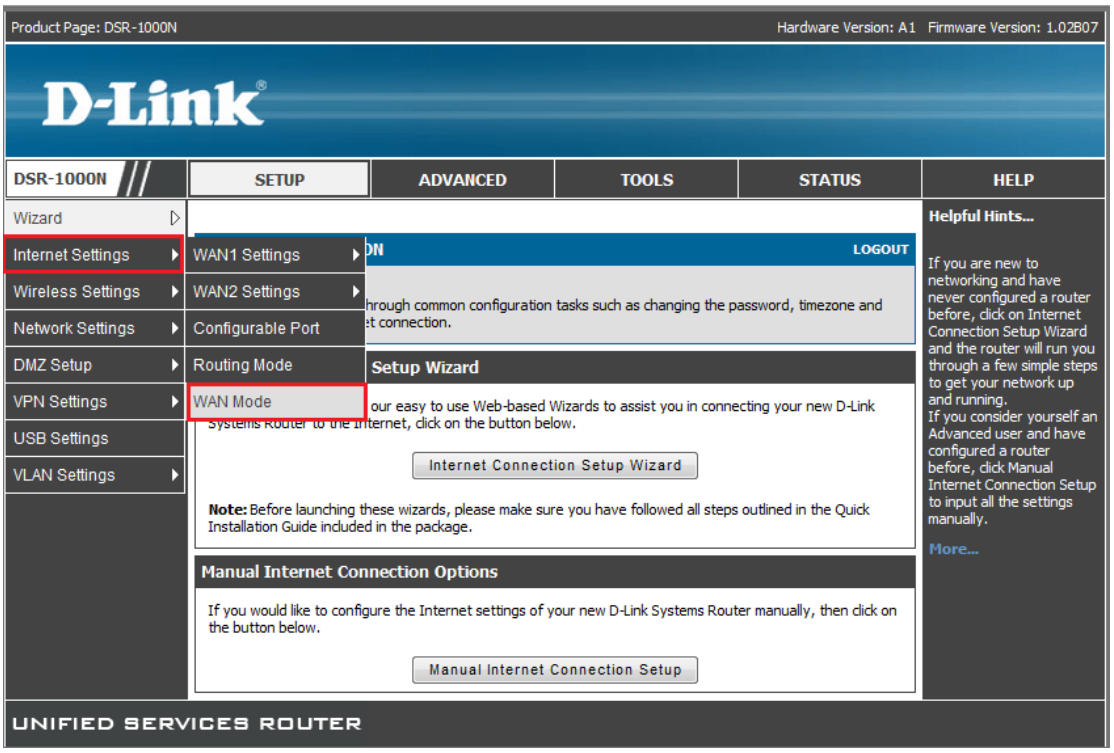
DSR-1000N(PPTP Server):

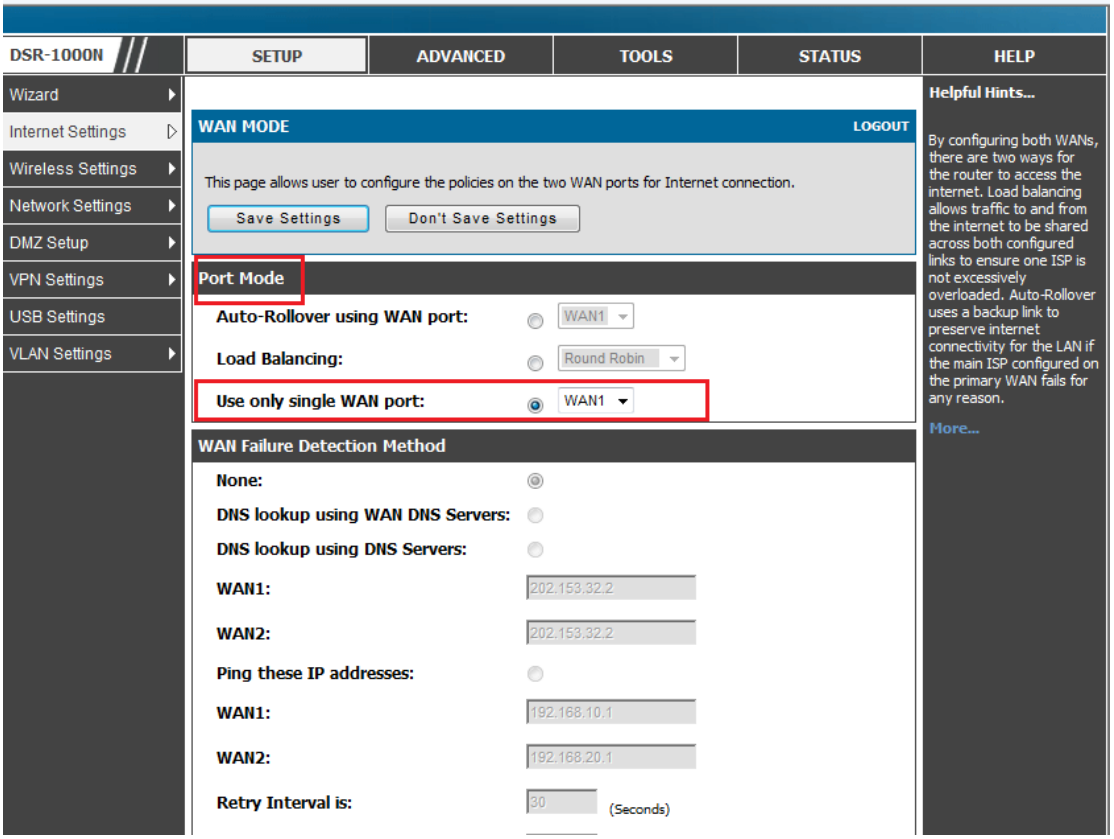
Under Setup->Internet Setting->WAN1 Settings->WAN1 Setup. We set up the DSR-1000's WAN1 IP as static IP 3.3.3.2/24 and default gateway as 3.3.3.1.



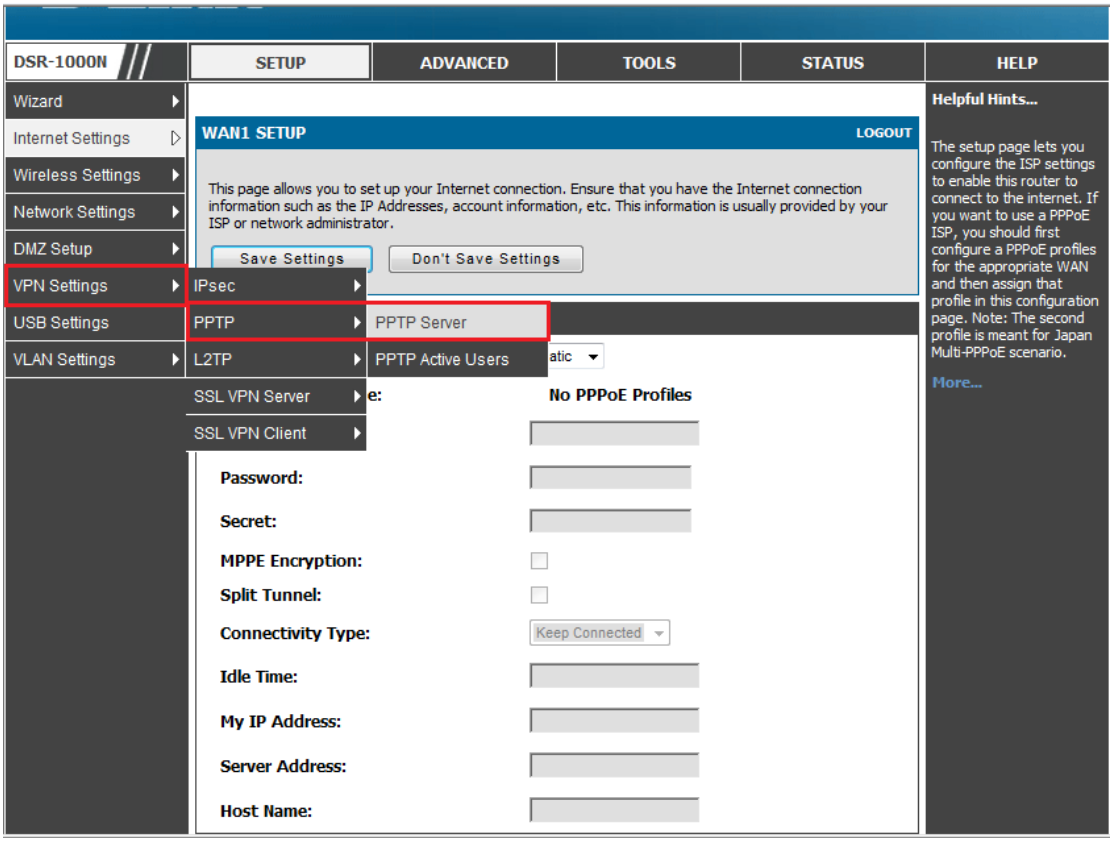


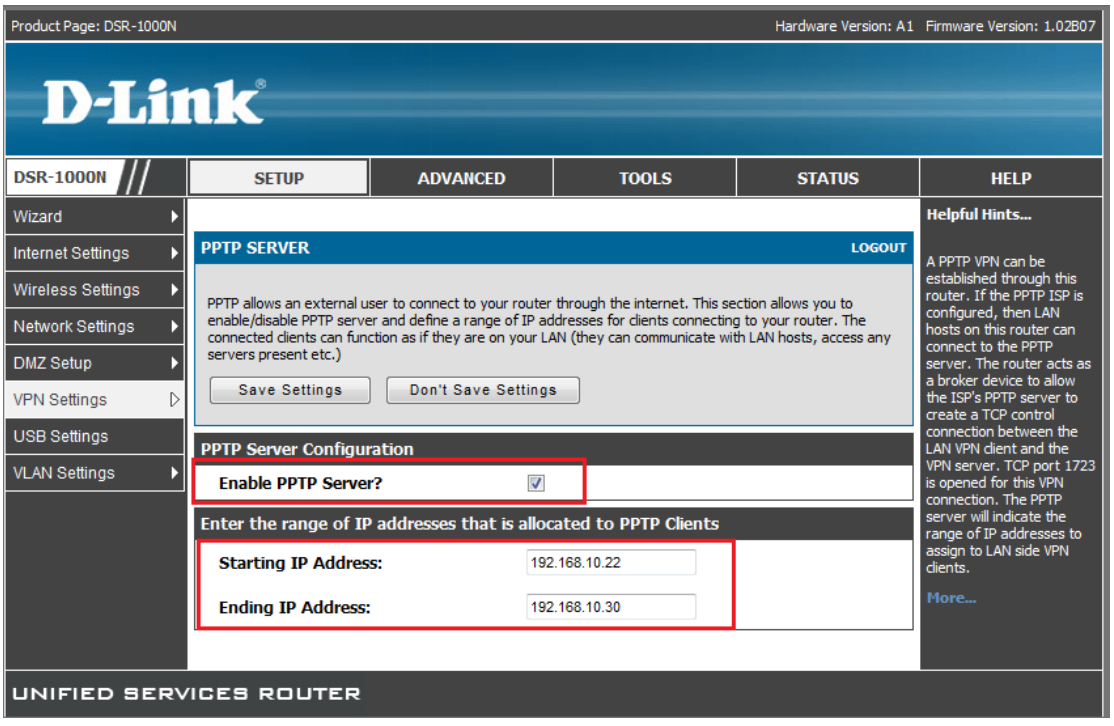
Make sure the Port Mode under Setup->Internet Settings->WAN Mode is chosen Use only single WAN port.



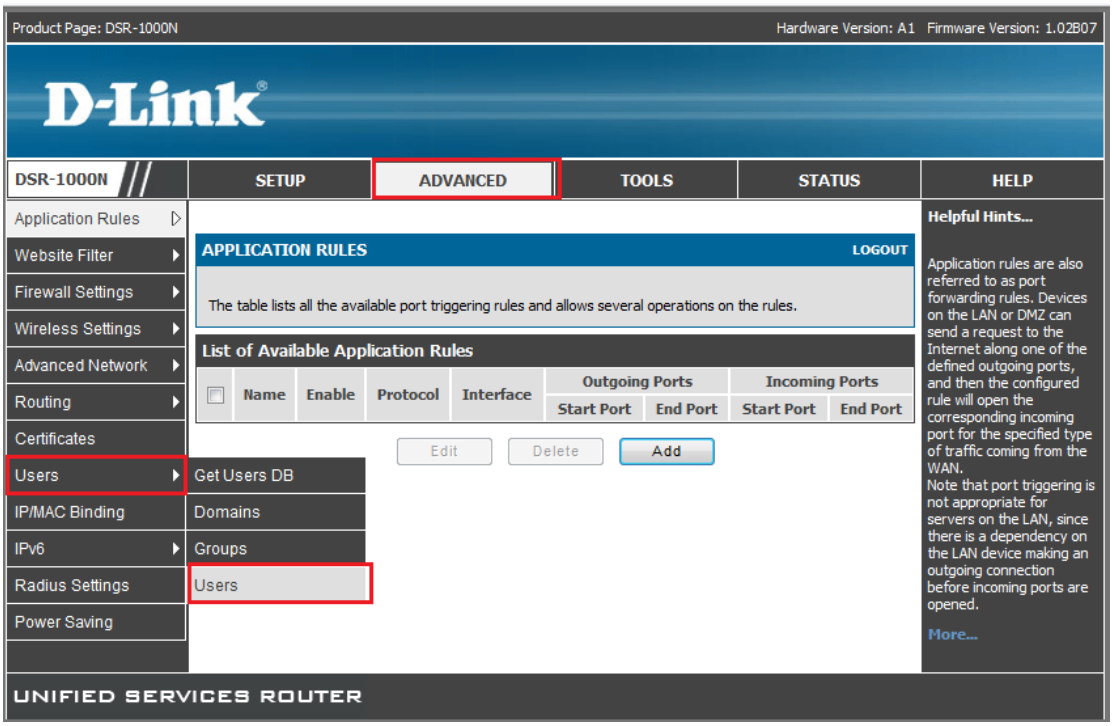


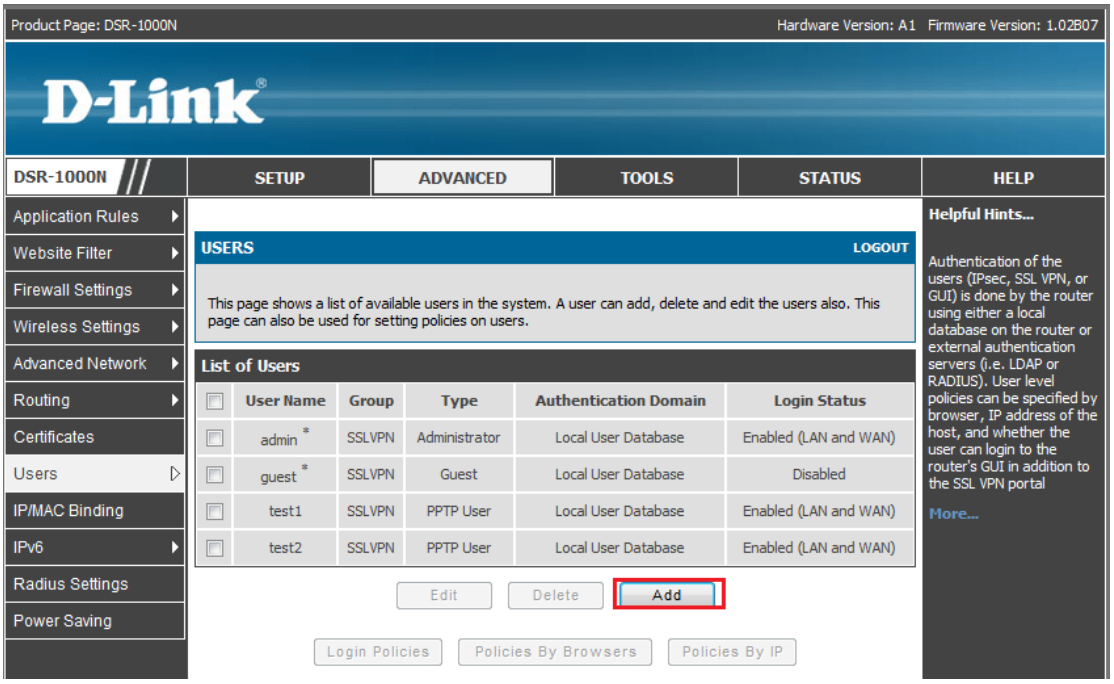
Enable the PPTP server function and specify the PPTP IP range under the Setup->VPN Settings->PPTP->PPTP Server.





Create the PPTP user database under Advanced->Users-> Users.


Product Page: DSR-1000N
Hardware Version: A1 Firmware Version: 1.02B07
D-Link
DSR-1000N
SETUP
ADVANCED
TOOLS
STATUS
HELP
Application Rules
Website Filter
Firewall Settings
Wireless Settings
Advanced Network
Routing
Certificates
Users
IP/MAC Binding
IPv6
Radius Settings
Power Saving
Get Users DB
Domains
Groups
Users
APPLICATION RULES
LOGOUT
The table lists all the available port triggering rules and allows several operations on the rules.
List of Available Application Rules
Name
Enable
Protocol
Interface
Outgoing Ports
Incoming Ports
Start Port
End Port
Start Port
End Port
Edit
Delete
Add
Helpful Hints...
Application rules are also referred to as port forwarding rules. Devices on the LAN or DMZ can send a request to the Internet along one of the defined outgoing ports, and then the configured rule will open the corresponding incoming port for the specified type of traffic coming from the WAN.
Note that port triggering is not appropriate for servers on the LAN, since there is a dependency on the LAN device making an outgoing connection before incoming ports are opened.
More...
UNIFIED SERVICES ROUTER


Product Page: DSR-1000N
Hardware Version: A1 Firmware Version: 1.02B07
D-Link
DSR-1000N
SETUP
ADVANCED
TOOLS
STATUS
HELP
Application Rules
Website Filter
Firewall Settings
Wireless Settings
Advanced Network
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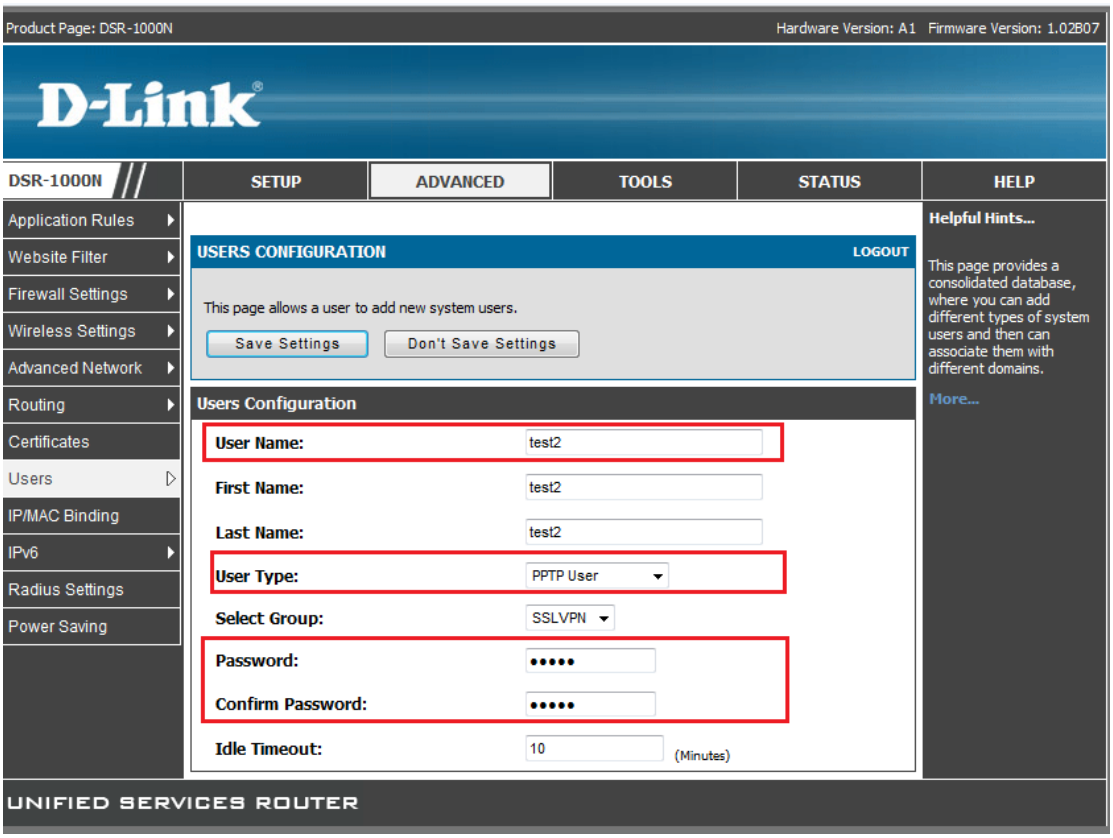
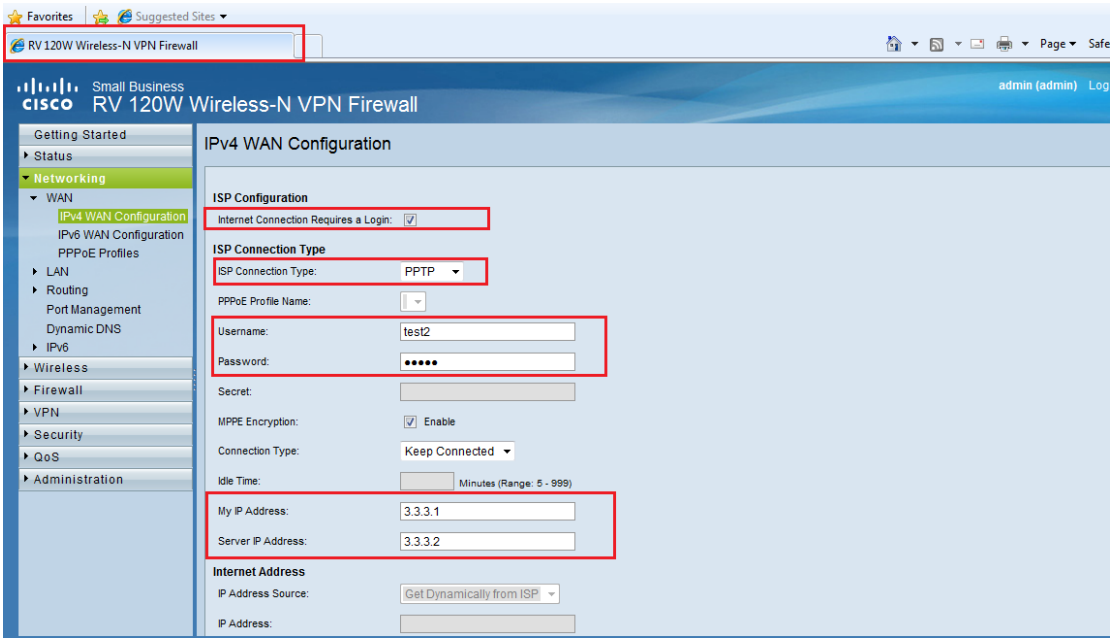
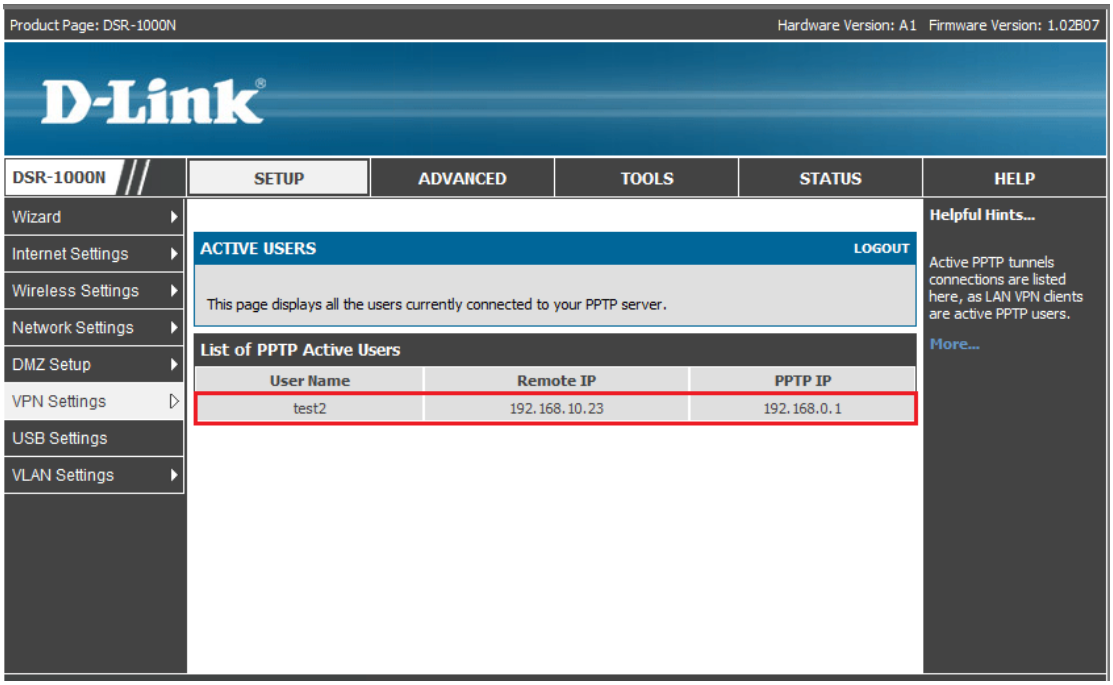
Certificates
Users
IP/MAC Binding
IPv6
Radius Settings
Power Saving
USERS
LOGOUT
This page shows a list of available users in the system. A user can add, delete and edit the users also. This page can also be used for setting policies on users.
List of Users
User Name
Group
Type
Authentication Domain
Login Status
admin *
SSLVPN
Administrator
Local User Database
Enabled (LAN and WAN)
guest *
SSLVPN
Guest
Local User Database
Disabled
test1
SSLVPN
PPTP User
Local User Database
Enabled (LAN and WAN)
test2
SSLVPN
PPTP User
Local User Database
Enabled (LAN and WAN)
Edit
Delete
Add
Login Policies
Policies By Browsers
Policies By IP
Helpful Hints...
Authentication of the users (IPsec, SSL VPN, or GUI) is done by the router using either a local database on the router or external authentication servers (i.e. LDAP or RADIUS). User level policies can be specified by browser, IP address of the host, and whether the user can login to the router's GUI in addition to the SSL VPN portal
More...



Cisco RV-120W(PPTP client):



[Testing result]:


Product Page: DSR-1000N
Hardware Version: A1 Firmware Version: 1.02B07
D-Link
DSR-1000N
SETUP
ADVANCED
TOOLS
STATUS
HELP
Wizard
Internet Settings
Wireless Settings
Network Settings
DMZ Setup
VPN Settings
USB Settings
VLAN Settings
ACTIVE USERS
LOGOUT
This page displays all the users currently connected to your PPTP server.
List of PPTP Active Users
User Name
Remote IP
PPTP IP
test2
192.168.10.23
192.168.0.1
Helpful Hints...
Active PPTP tunnels connections are listed here, as LAN VPN clients are active PPTP users.
More...