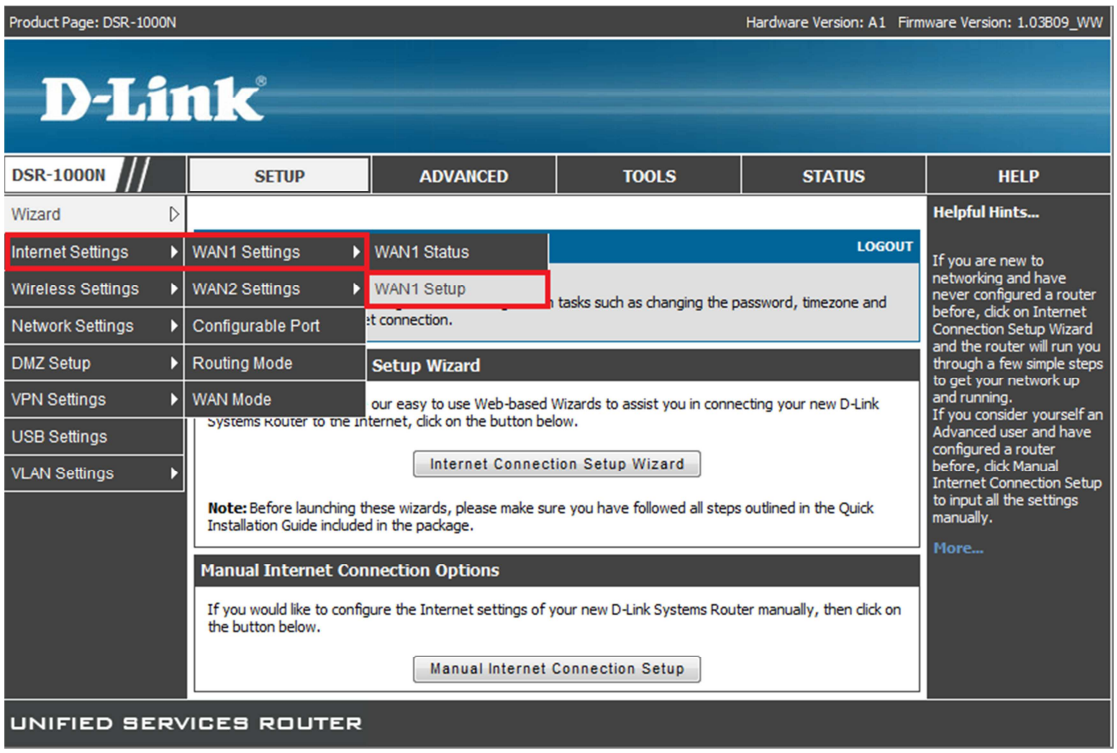
How to set up failover with 3G dongle in DSR series

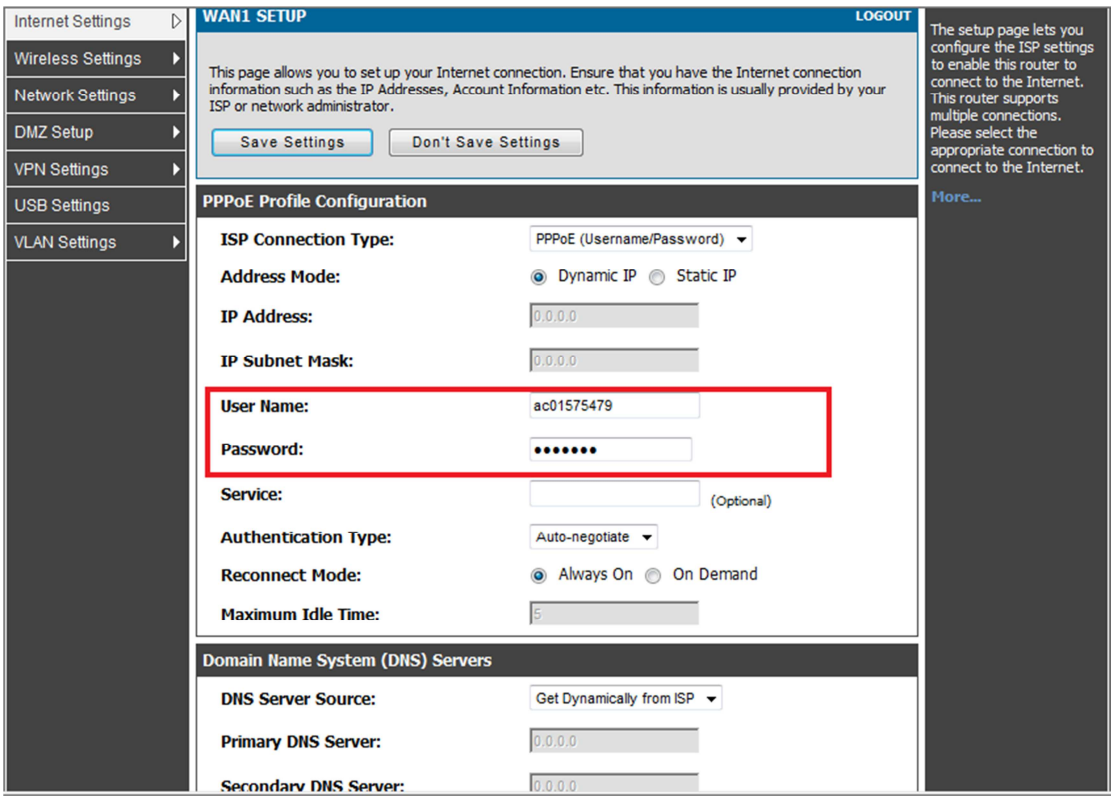
[Topology]:

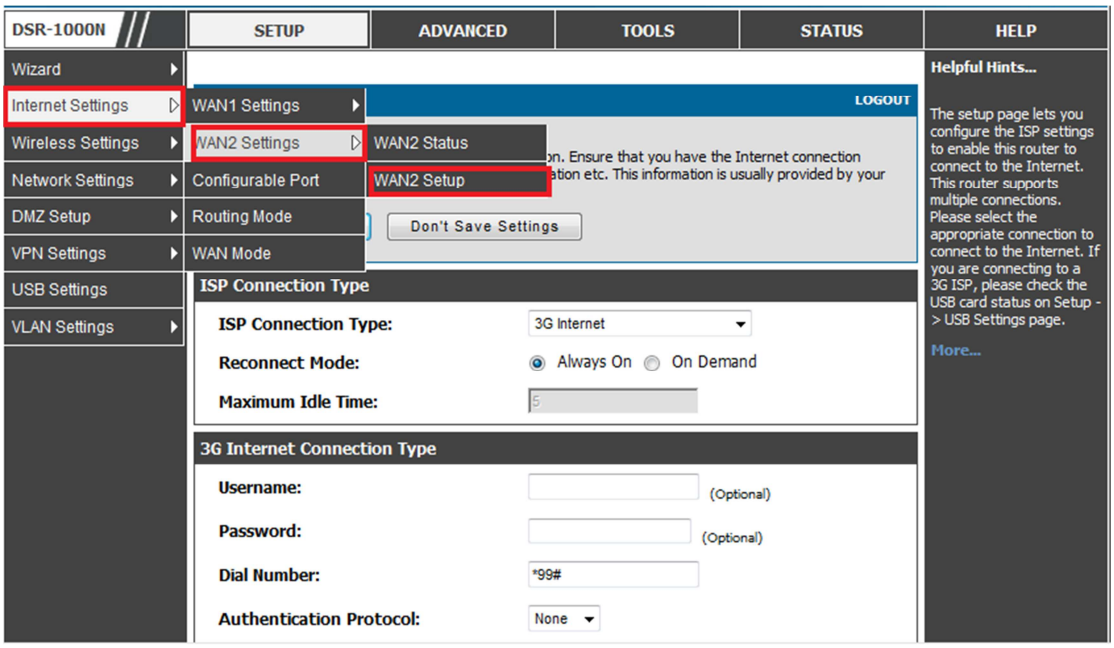
PC------**DSR-1000N** WAN1------PPPoE------ Internet

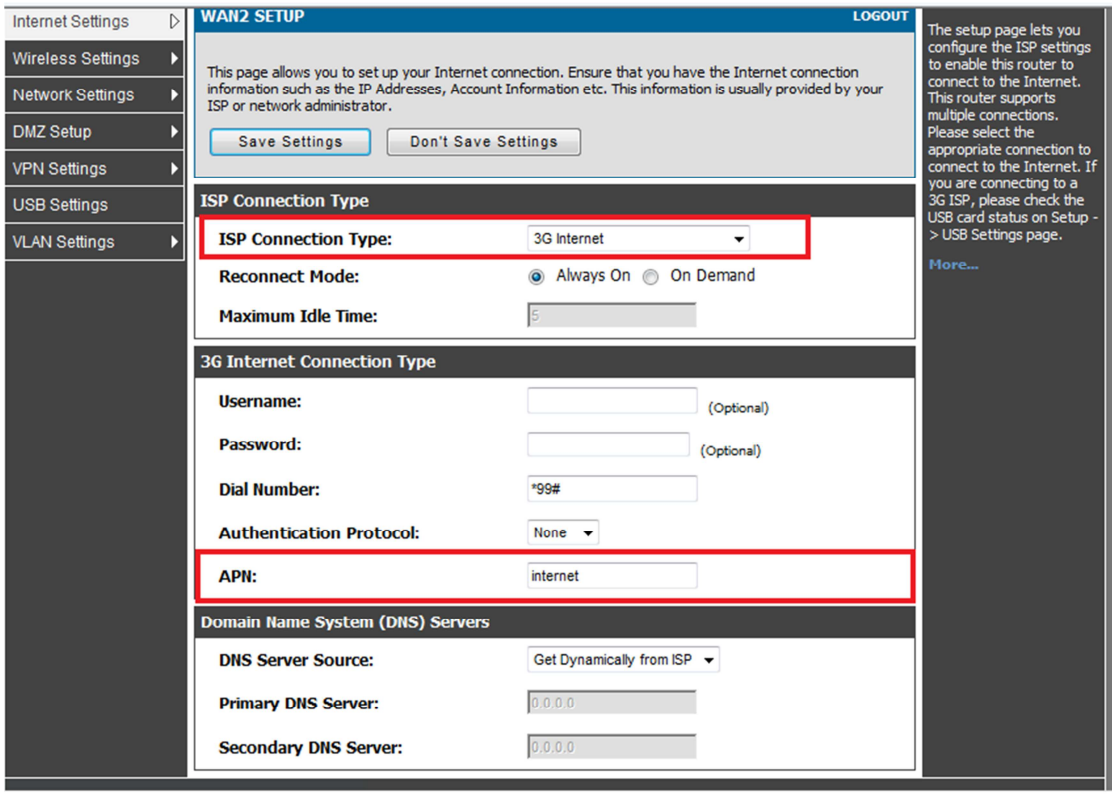
WAN2(DWA-152)------

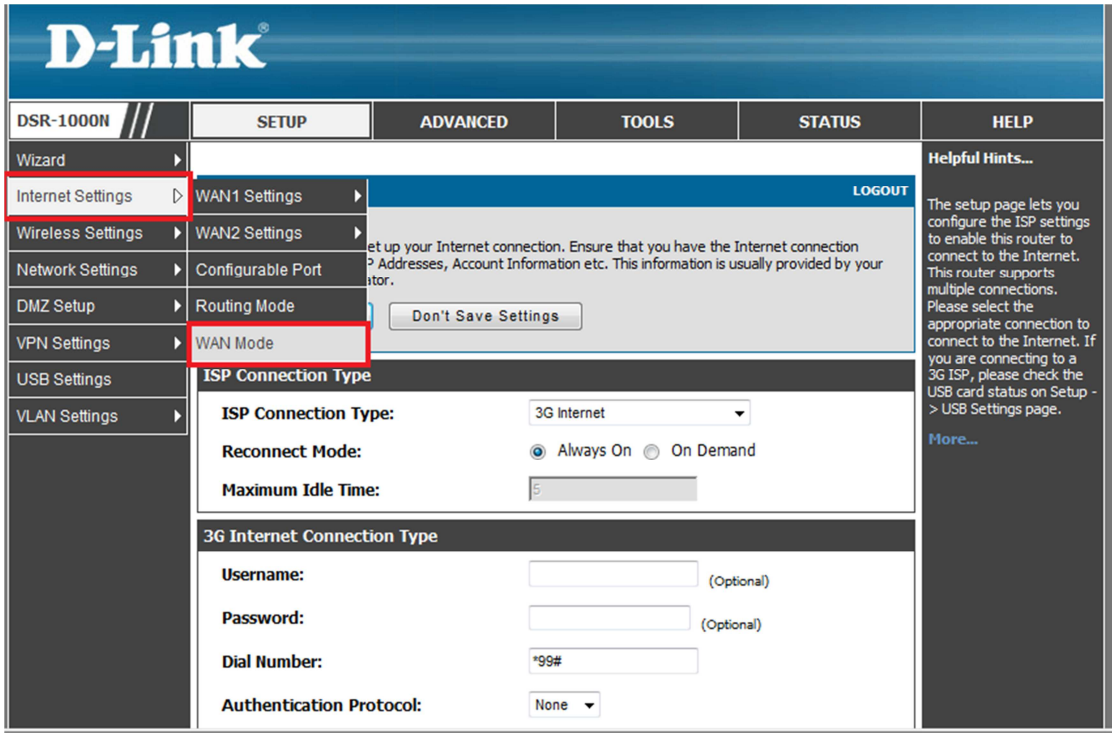
[Configuration]:




Internet Settings
Wireless Settings
Network Settings
DMZ Setup
VPN Settings
USB Settings
VLAN Settings
WAN1 SETUP
LOGOUT
This page allows you to set up your Internet connection. Ensure that you have the Internet connection information such as the IP Addresses, Account Information etc. This information is usually provided by your ISP or network administrator.
Save Settings
Don't Save Settings
PPPoE Profile Configuration
ISP Connection Type:
PPPoE (Username/Password)
Address Mode:
Dynamic IP
Static IP
IP Address:
0.0.0.0
IP Subnet Mask:
0.0.0.0
User Name:
ac01575479
Password:
Service:
(Optional)
Authentication Type:
Auto-negotiate
Reconnect Mode:
Always On
On Demand
Maximum Idle Time:
5
Domain Name System (DNS) Servers
DNS Server Source:
Get Dynamically from ISP
Primary DNS Server:
0.0.0.0
Secondary DNS Server:
0.0.0.0
The setup page lets you configure the ISP settings to enable this router to connect to the Internet. This router supports multiple connections. Please select the appropriate connection to connect to the Internet.
More...


DSR-1000N
SETUP
ADVANCED
TOOLS
STATUS
HELP
Wizard
Internet Settings
Wireless Settings
Network Settings
DMZ Setup
VPN Settings
USB Settings
VLAN Settings
WAN1 Settings
WAN2 Settings
Configurable Port
Routing Mode
WAN Mode
WAN2 Status
WAN2 Setup
LOGOUT
Don't Save Settings
ISP Connection Type
ISP Connection Type:
3G Internet
Reconnect Mode:
Always On
On Demand
Maximum Idle Time:
5
3G Internet Connection Type
Username:
(Optional)
Password:
(Optional)
Dial Number:
*99#
Authentication Protocol:
None
Helpful Hints...
The setup page lets you configure the ISP settings to enable this router to connect to the Internet. This router supports multiple connections. Please select the appropriate connection to connect to the Internet. If you are connecting to a 3G ISP, please check the USB card status on Setup -> USB Settings page.
More...


Internet Settings
Wireless Settings
Network Settings
DMZ Setup
VPN Settings
USB Settings
VLAN Settings
WAN2 SETUP
LOGOUT
This page allows you to set up your Internet connection. Ensure that you have the Internet connection information such as the IP Addresses, Account Information etc. This information is usually provided by your ISP or network administrator.
Save Settings
Don't Save Settings
ISP Connection Type
ISP Connection Type:
3G Internet
Reconnect Mode:
Always On
On Demand
Maximum Idle Time:
3G Internet Connection Type
Username:
(Optional)
Password:
(Optional)
Dial Number:
*99#
Authentication Protocol:
None
APN:
internet
Domain Name System (DNS) Servers
DNS Server Source:
Get Dynamically from ISP
Primary DNS Server:
0.0.0.0
Secondary DNS Server:
0.0.0.0
The setup page lets you configure the ISP settings to enable this router to connect to the Internet. This router supports multiple connections. Please select the appropriate connection to connect to the Internet. If you are connecting to a 3G ISP, please check the USB card status on Setup -> USB Settings page.
More...


D-Link
DSR-1000N
SETUP
ADVANCED
TOOLS
STATUS
HELP
Wizard
Internet Settings
Wireless Settings
Network Settings
DMZ Setup
VPN Settings
USB Settings
VLAN Settings
WAN1 Settings
WAN2 Settings
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WAN Mode
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ISP Connection Type:
3G Internet
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On Demand
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3G Internet Connection Type
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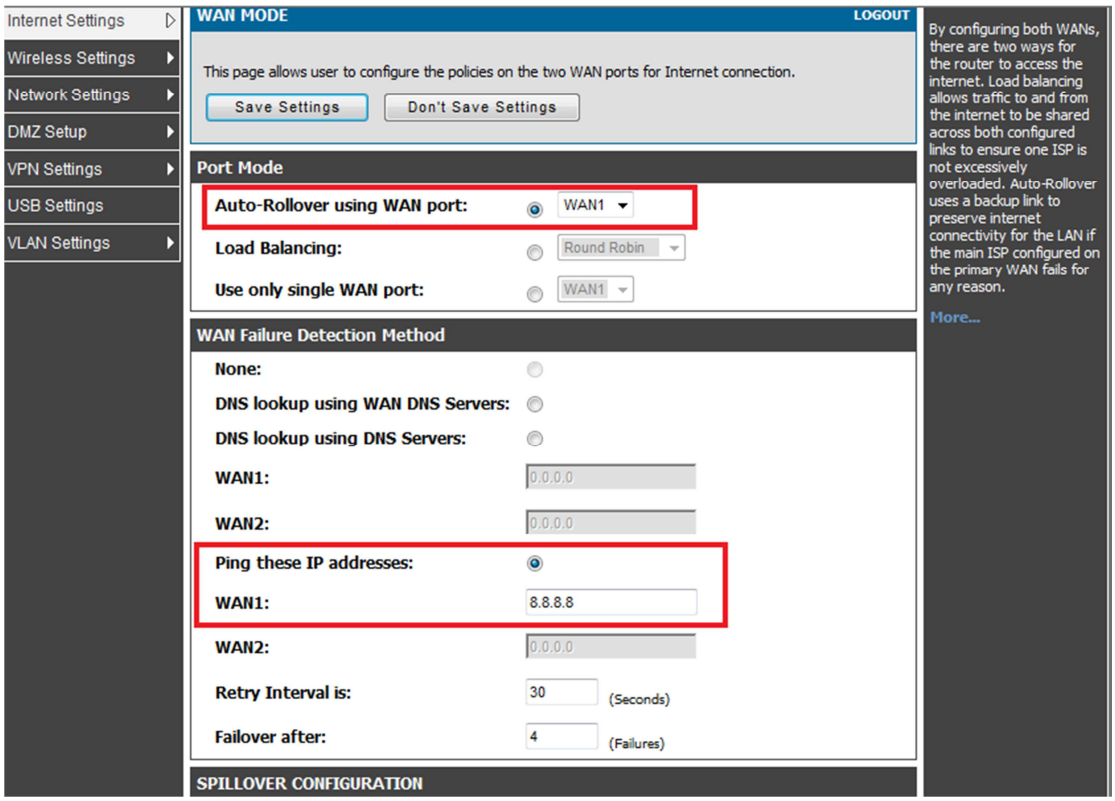
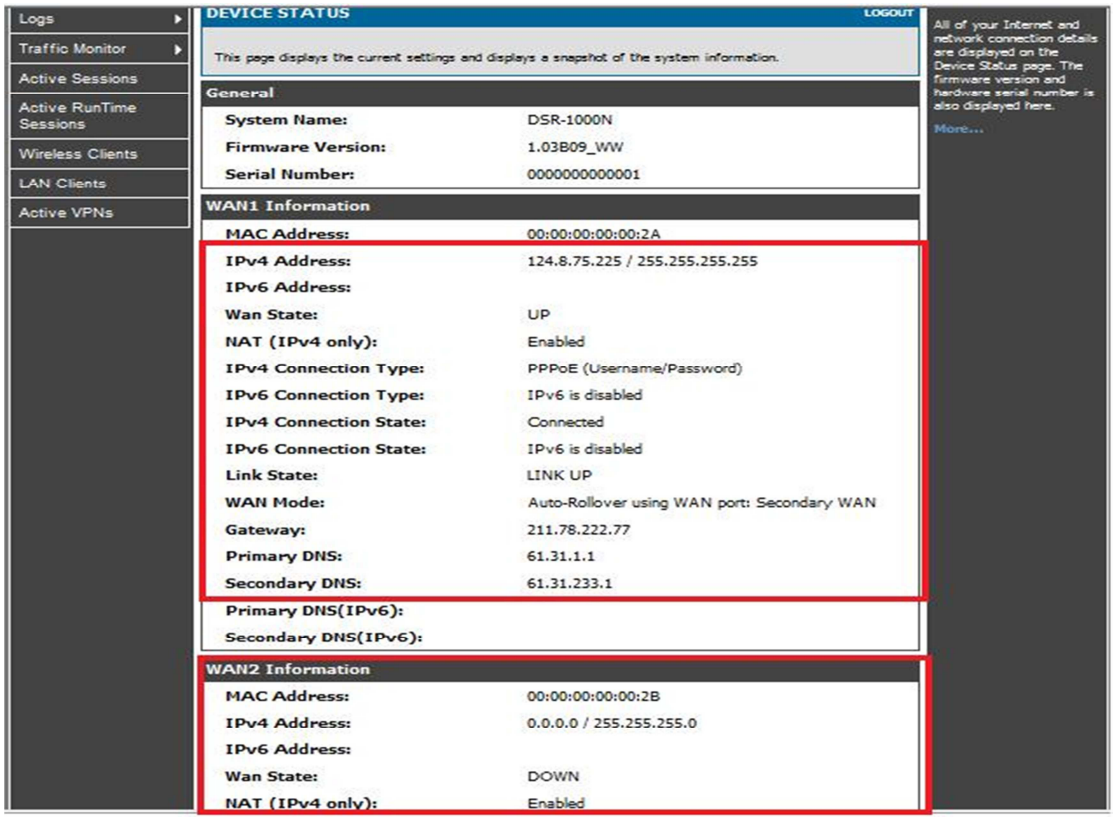
(Optional)
Password:
(Optional)
Dial Number:
*99#
Authentication Protocol:
None
Helpful Hints...
The setup page lets you configure the ISP settings to enable this router to connect to the Internet. This router supports multiple connections. Please select the appropriate connection to connect to the Internet. If you are connecting to a 3G ISP, please check the USB card status on Setup -> USB Settings page.
More...

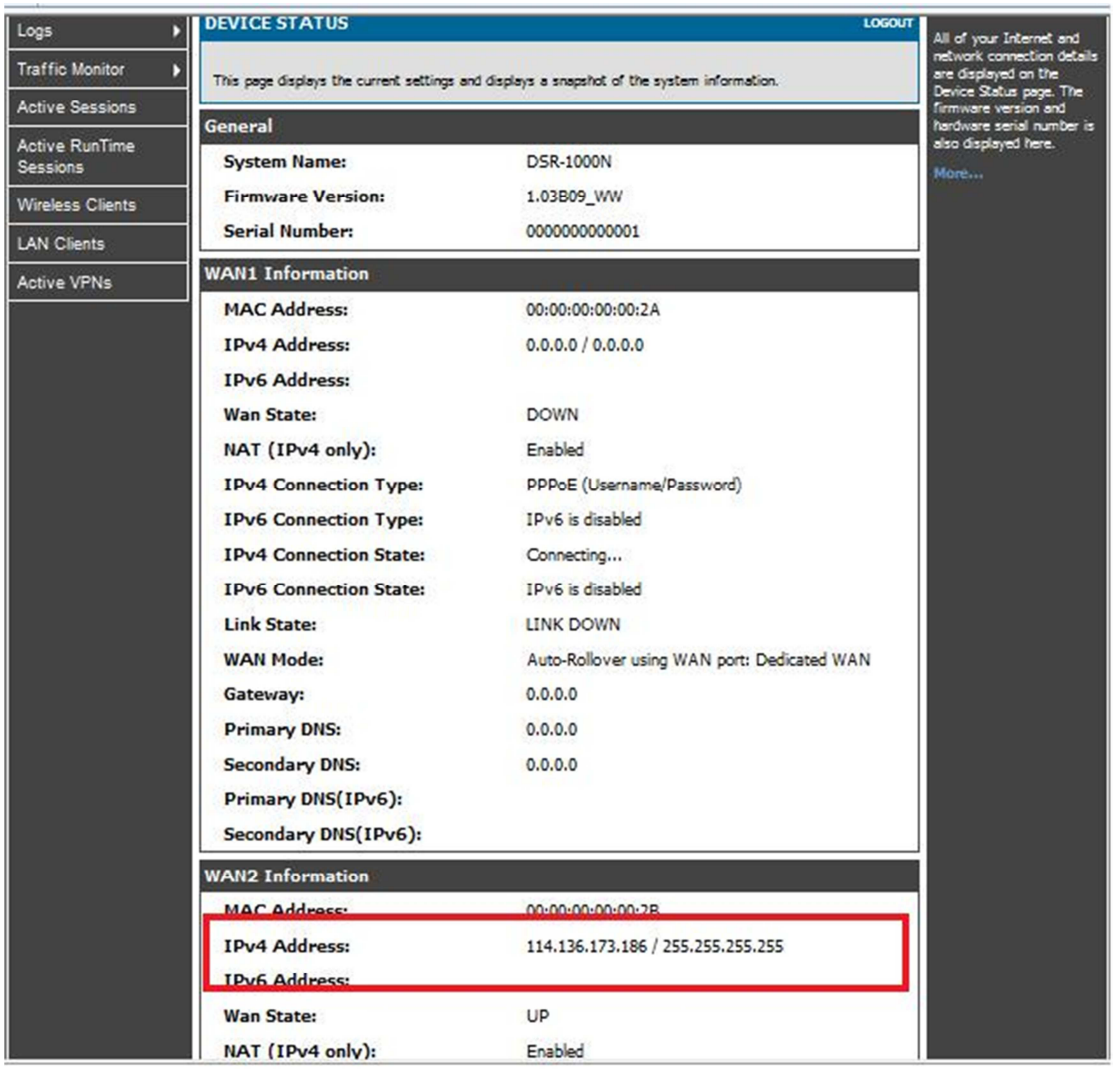


[Testing procedure]:

1. WAN1 and DWA-152 is used forWAN2



2. Unplug the WAN1 and check the status of WAN2:


Logs
Traffic Monitor
Active Sessions
Active RunTime Sessions
Wireless Clients
LAN Clients
Active VPNs
DEVICE STATUS
LOGOUT
This page displays the current settings and displays a snapshot of the system information.
General
System Name: DSR-1000N
Firmware Version: 1.03B09_WW
Serial Number: 0000000000001
WAN1 Information
MAC Address: 00:00:00:00:00:2A
IPv4 Address: 0.0.0.0 / 0.0.0.0
IPv6 Address:
Wan State: DOWN
NAT (IPv4 only): Enabled
IPv4 Connection Type: PPPoE (Username/Password)
IPv6 Connection Type: IPv6 is disabled
IPv4 Connection State: Connecting...
IPv6 Connection State: IPv6 is disabled
Link State: LINK DOWN
WAN Mode: Auto-Rollover using WAN port: Dedicated WAN
Gateway: 0.0.0.0
Primary DNS: 0.0.0.0
Secondary DNS: 0.0.0.0
Primary DNS(IPv6):
Secondary DNS(IPv6):
WAN2 Information
MAC Address: 00:00:00:00:00:2B
IPv4 Address: 114.136.173.186 / 255.255.255.255
IPv6 Address:
Wan State: UP
NAT (IPv4 only): Enabled
All of your Internet and network connection details are displayed on the Device Status page. The firmware version and hardware serial number is also displayed here.
More...

DSR_log.txt