Schedules

Path: Security > Firewall > Schedules

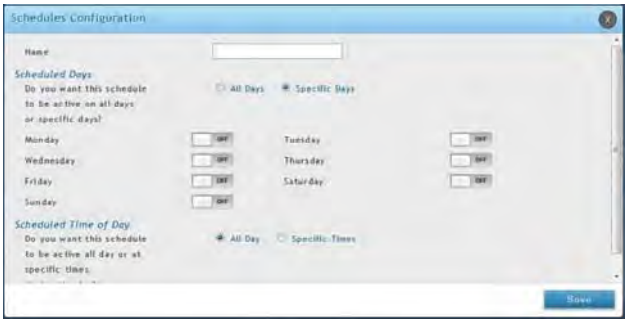
Firewall rules can be enabled or disabled automatically if they are associated with a configured schedule. The schedule configuration page allows you to define days of the week and the time of day for a new schedule, and then this schedule can be selected in the firewall rule configuration page.

Note: *All schedules will follow the time in the router's configured time zone. Refer to the section on choosing your Time Zone and configuring NTP servers for more information.*

To add, delete, or edit a schedule:

1. Click **Security** > **Firewall** > **Schedules**.

2. Right-click an entry and select either **Edit** or **Delete**. To add a new schedule, click **Add New Schedule**.



Specific Days enabled

Specific Times enabled

Field	Description
Name	Enter a name for your schedule.
Scheduled Days	Select **All Days** or **Specific Days**.
Monday - Sunday	If you selected *Specific Days*, toggle each day you want to **ON**.
Scheduled Time of Day	Select **All Day** or **Specific Times**.
Start Time/End Time	If you selected *Specific Times*, use the mouse on the blue boxes representing the hour, minutes, and am/pm to select the start time and end time. Click, hold, and move up to decrease the value or move down to increase the value.
Save	Click to save your settings.

Custom Services

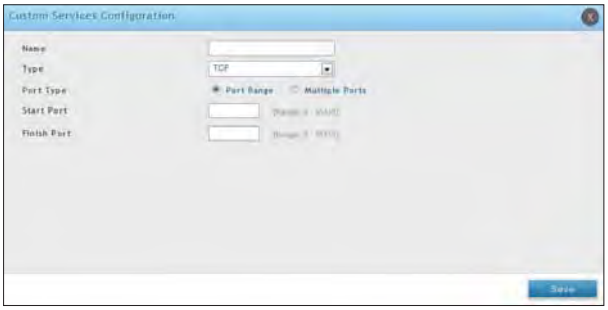
Path: Security > Firewall > Custom Services

Custom services can be defined to add to the list of services available during firewall rule configuration. While common services have known TCP/UDP/ICMP ports for traffic, many custom or uncommon applications exist in the LAN or WAN. In the custom service configuration menu you can define a range of ports and identify the traffic type (TCP/UDP/ICMP) for this service. Once defined, the new service will appear in the services list of the firewall rules configuration menu.

To add, delete, or edit a custom service:

1. Click **Security** > **Firewall** > **Custom Services**.

2. Right-click an entry and select either **Edit** or **Delete**. To add a new schedule, click **Add New Custom Service**.



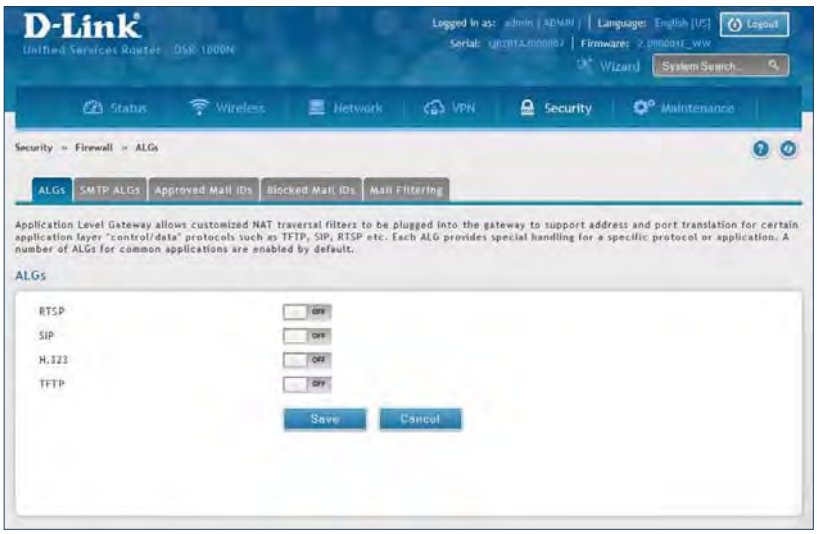
Field	Description
Name	Enter a name for your custom service.
Type	Enter the layer 3 protocol that the service uses (TCP, UDP, BOTH, or ICMP).
Port Type	Select **Port Range** or **Multiple Ports**.
Start Port	If you selected Port Range, enter the first (TCP, UDP or BOTH) port of a range that the service uses.
Finish Port	If you selected Port Range, enter the last port of a range that the service uses.
Ports	If you selected Multiple Ports, enter the port or ports separated by a comma.
ICMP Type	The ICMP type is a numeric value that can range between 0 and 40.
Save	Click to save your settings.

ALGs

Path: Security > Firewall > ALGs

Application Level Gateways (ALGs) are security components that enhance the firewall and NAT support of this router to seamlessly support application layer protocols. In some cases enabling the ALG will allow the firewall to use dynamic ephemeral TCP/ UDP ports to communicate with the known ports a particular client application (such as H.323 or RTSP) requires, without which the admin would have to open large number of ports to accomplish the same support. Because the ALG understands the protocol used by the specific application that it supports, it is a very secure and efficient way of introducing support for client applications through the router's firewall.

1. Click **Security** > **Firewall** > **ALGs** tab.



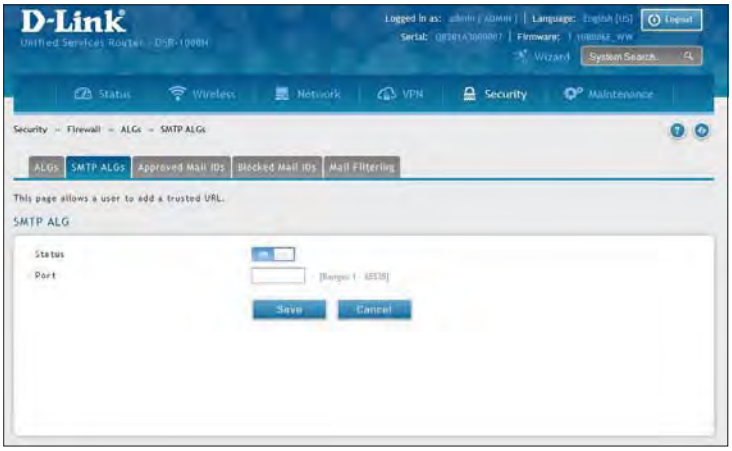
2. Toggle the protocol(s) to **ON** that you want to allow through the router.

SMTP ALGs

Path: Security > Firewall > ALGs > SMTP ALGs

Simple Mail Transfer Protocol (SMTP) is a text based protocol used for transferring email between mail servers over the Internet. Typically the local SMTP server will be located on a DMZ so that mail sent by remote SMTP servers will traverse the router to reach the local server. Local users will then use email client software to retrieve their email from the local SMTP server. SMTP is also used when clients are sending email and SMTP ALG can be used to monitor SMTP traffic originating from both clients and servers.

1. Click **Security** > **Firewall** > **ALGs** > **SMTP ALGs** tab.

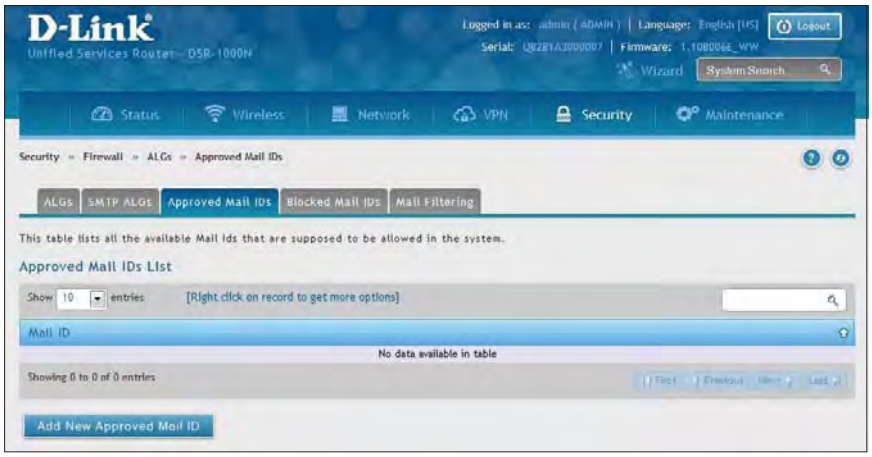


2. Toggle *Status* to **ON**.
3. Enter the port at which the SMTP packets are inspected.
4. Click **Save**.

Approved Mail IDs

Path: Security > Firewall > ALGs > Approved Mail IDs

1. Click **Security** > **Firewall** > **ALGs** > **Approved Mail IDs** tab.



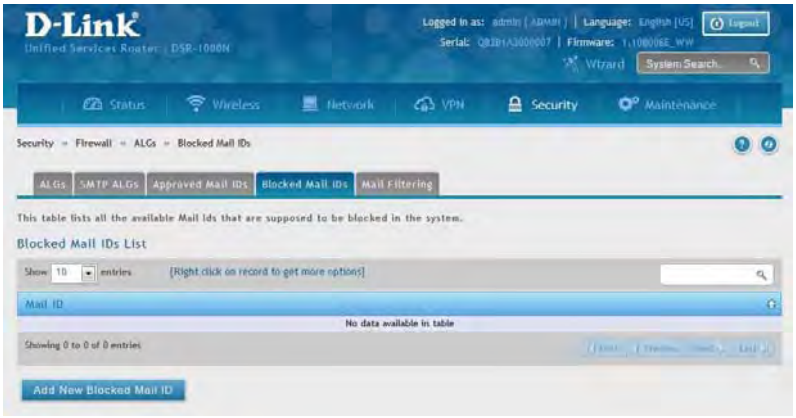
2. Right-click an entry and select either **Edit** or **Delete**. To add a new mail ID, click **Add New Approved Mail ID**.

3. Enter a mail ID and click **Save**.

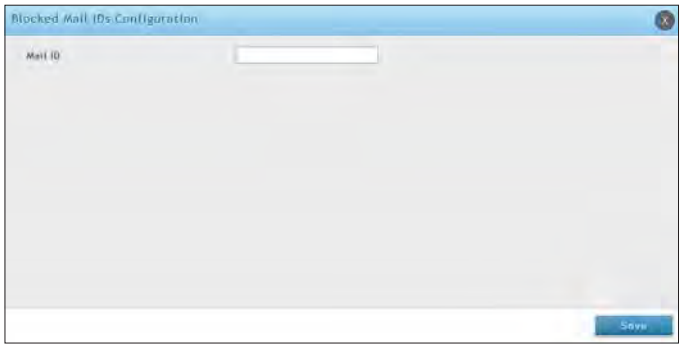
Blocked Mail IDs

Path: Security > Firewall > ALGs > Blocked Mail IDs

1. Click **Security** > **Firewall** > **ALGs** > **Blocked Mail IDs** tab.



2. Right-click an entry and select either **Edit** or **Delete**. To add a new mail ID, click **Add New Blocked Mail ID**.

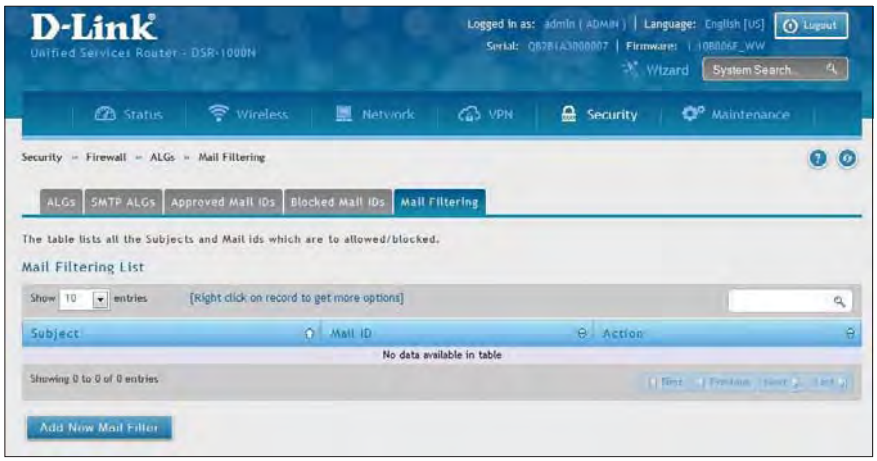


3. Enter a mail ID and click **Save**.

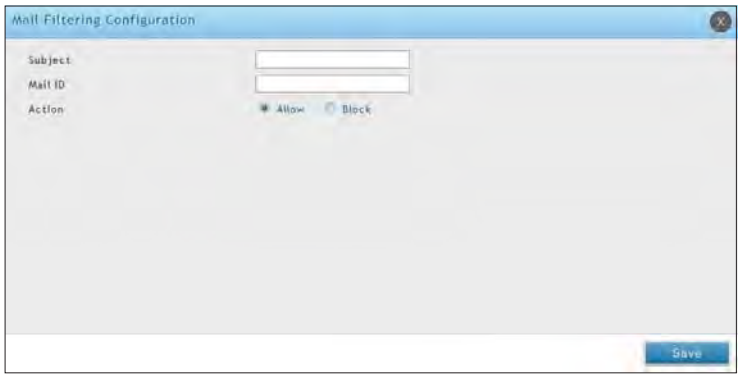
Mail Filtering

Path: Security > Firewall > ALGs > Mail Filtering

1. Click **Security** > **Firewall** > **ALGs** > **Mail Filtering** tab.



2. Right-click an entry and select either **Edit** or **Delete**. To add a new mail ID, click **Add New Mail Filter**.



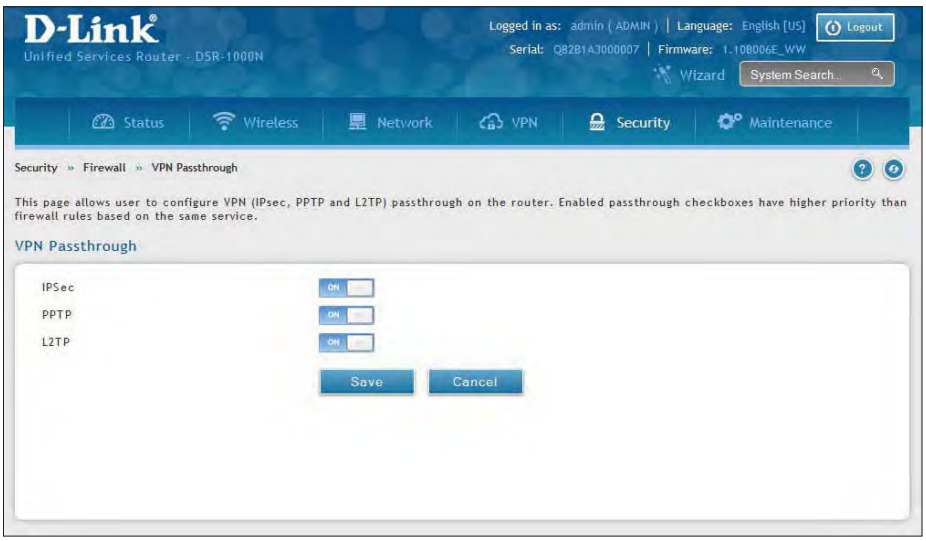
3. Enter a subject and a mail ID.
4. Select to allow or block.
5. Click **Save**.

VPN Passthrough

Path: Security > Firewall > VPN Passthrough

This router's firewall settings can be configured to allow encrypted VPN traffic for IPsec, PPTP, and L2TP VPN tunnel connections between the LAN and internet. A specific firewall rule or service is not appropriate to introduce this passthrough support; instead the options in the VPN Passthrough page must be toggled to **ON**.

1. Click **Security** > **Firewall** > **VPN Passthrough**.



2. Toggle the VPN protocol you want to allow to **ON** and click **Save**.

Dynamic Port Forwarding

Application Rules

Path: Security > Firewall > Dynamic Port Forwarding > Application Rules

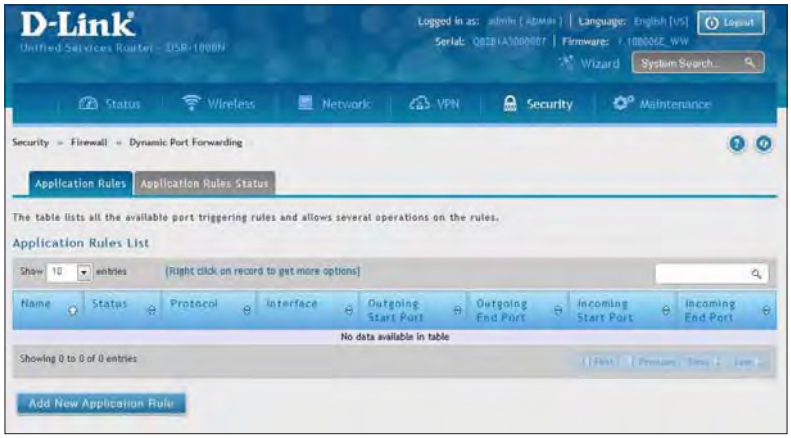
Application rules are also referred to as port triggering. This feature allows devices on the LAN or DMZ to request one or more ports to be forwarded to them. Port triggering waits for an outbound request from the LAN/DMZ on one of the defined outgoing ports, and then opens an incoming port for that specified type of traffic. This can be thought of as a form of dynamic port forwarding while an application is transmitting data over the opened outgoing or incoming port(s).

Port triggering application rules are more flexible than static port forwarding that is an available option when configuring firewall rules. This is because a port triggering rule does not have to reference a specific LAN IP or IP range. As well ports are not left open when not in use, thereby providing a level of security that port forwarding does not offer.

Note: *Port triggering is not appropriate for servers on the LAN, since there i s a dependency on the LAN device making an outgoing connection before incoming ports are opened.*

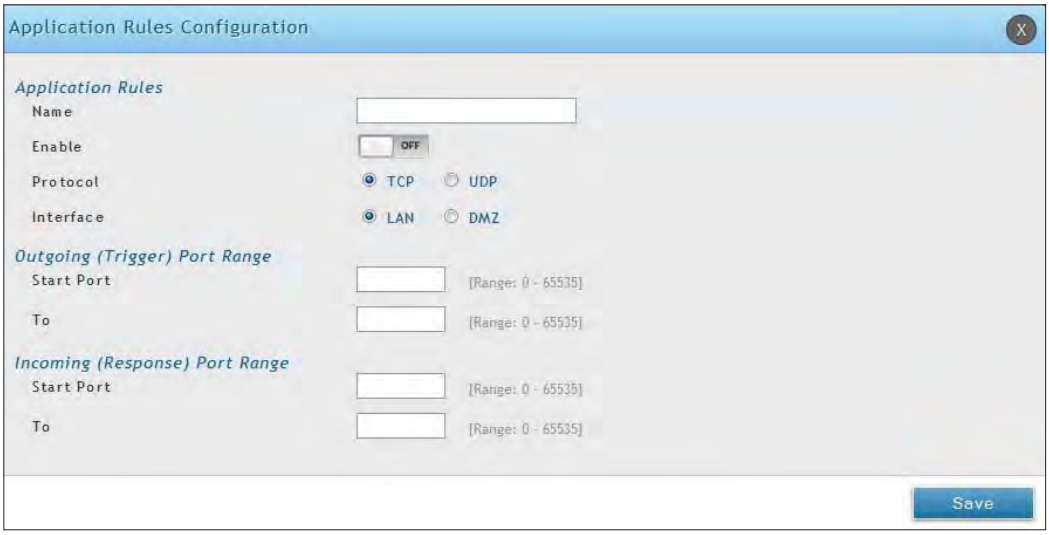
Some applications require that when external devices connect to them, they receive data on a specific port or range of ports in order to function properly. Th e router must send all incoming data for that application only on the required port or range of ports. The router has a list of common applications and games with corresponding outbound and inbound ports to open. You can also specify a port triggering rule by defining the type of traffic (TCP or UDP) and the range of incoming and outgoing ports to open when enabled.

1. Click **Security** > **Firewall** > **Dynamic Port Forwarding** > **Application Rules** tab.



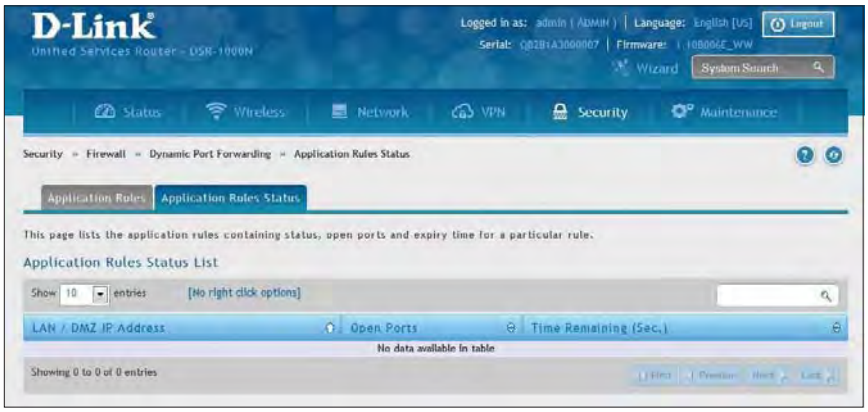
2. Right-click an entry and select either **Edit** or **Delete**. To add a new schedule, click **Add New Application Rule**.

3. Complete the fields from the table below and click **Save**.



Field	Description
Name	Enter a name for your rule.
Enable	Toggle to **ON** to activate the rule.
Protocol	Select **TCP** or **UDP**.
Interface	Select either **LAN** or **DMZ**.
Outgoing (Trigger) Port Range	Enter the start and end trigger port range.
Incoming Port Range	Enter the port range to open.
Save	Click to save your settings.

4. Click on the **Application Rules Status** tab to see a list of rules and their status.



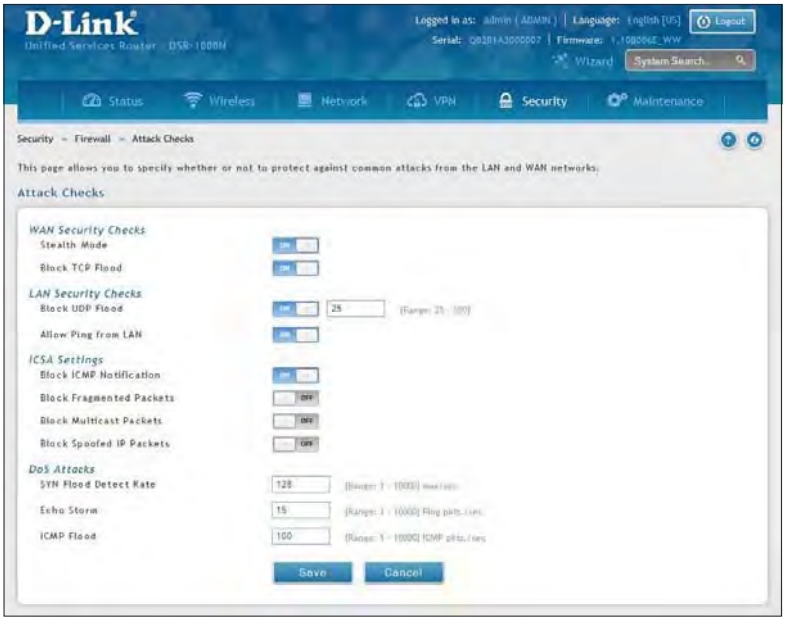
Attack Checks

Path: Security > Firewall > Attack Checks

Attacks can be malicious security breaches or unintentional network issues that render the router unusable Attack checks allow you to manage WAN security threats such as continual ping requests and discovery via ARP scans. TCP and UDP flood attack checks can be enabled to manage extreme usage of WAN resources.

Additionally certain Denial-of-Service (DoS) attacks can be blocked. These attacks, if uninhibited, can use up processing power and bandwidth and prevent regular network services from running normally. ICMP packet flooding, SYN traffic flooding, and Echo storm thresholds can be configured to temporarily suspect traffic from the offending source.

1. Click **Security** > **Firewall** > **Attack Checks**.



2. Complete the fields from the table below and click **Save**.

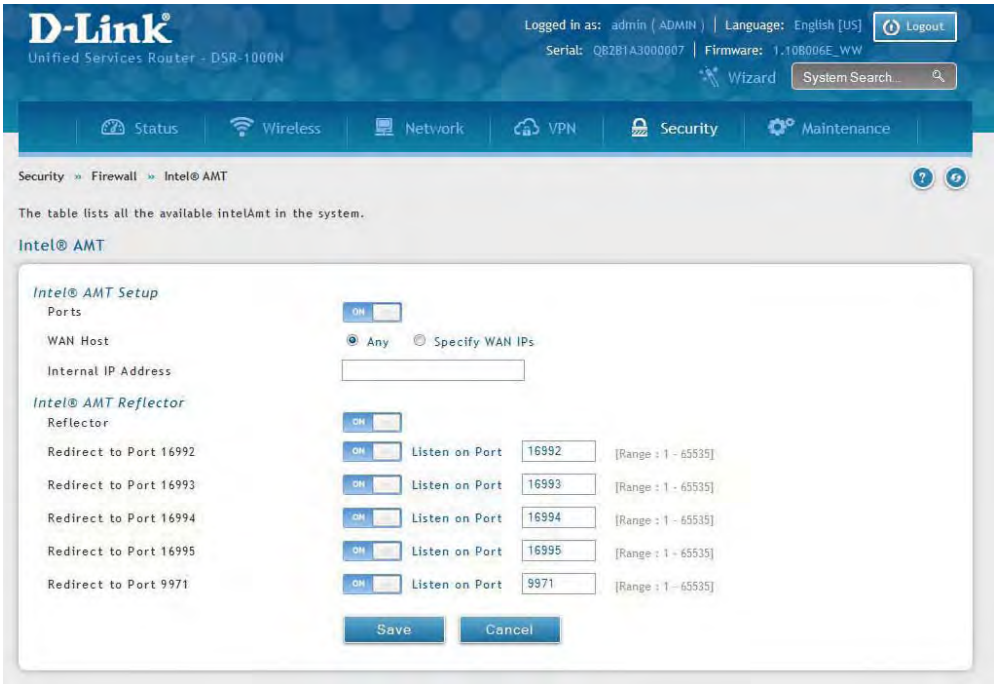
Field	Description
Stealth Mode	If this option is toggled to **ON**, the router will not respond to port scans from the WAN. This makes it less susceptible to discovery and attacks.
Block TCP Flood	If this option is toggled to **ON**, the router will drop all invalid TCP packets and be protected from a SYN flood attack.
Block UDP Flood	If this option is toggled to **ON**, the router will not accept more than 20 simultaneous, active UDP connections from a single computer on the LAN. You can set the number of simultaneous active UDP connections to be accepted from a single computer on the LAN; the default is 25.
Allow Ping from LAN	Toggle to **ON** to allow local computers to ping.
Block ICMP Notification	Toggle to **ON** to prevent ICMP packets from being identified as such. ICMP packets, if identified, can be captured and used in a Ping (ICMP) flood DoS attack.
Block Fragmented Packets	Toggle to **ON** to drop any fragmented packets through or to the gateway
Block Multicast Packets	Toggle to **ON** to drop multicast packets, which could indicate a spoof attack, through or to the router.
Block Spoofed IP Packets	Toggle to **ON** to block any spoofed IP packets.
SYN Flood Detect Rate	The rate at which the SYN Flood can be detected.
Echo Storm	The number of ping packets per second at which the router detects an Echo storm attack from the WAN and prevents further ping traffic from that external address.
ICMP Flood	The number of ICMP packets per second at which the router detects an ICMP flood attack from the WAN and prevents further ICMP traffic from that external address.

Intel® AMT

Path: Security > Firewall > Intel® AMT

Intel® Active Management Technology (AMT) allows you to remotely access and manage every networked device, even those that lack a working operating system or hard drive, or are turned off as long as the computer is connected to line power and to the network. Intel AMT uses a separate management processor that runs independently on the client machine and can be reached through the wired or wireless network.

1. Click **Security** > **Firewall** > **Intel AMT**.



2. Complete the fields from the table below and click **Save**.

Field	Description
Ports	When enabled, inbound/outbound firewall rules are added for certain ports to enable Intel AMT service.
WAN Host	Select **ANY** to allow all hosts access or select **Specify WAN IPs** and enter IP addresses of hosts (separate with a comma) you want to grant access to. Do not use spaces.
Internal IP Address	Enter the LAN IP address.
Reflector	Toggle to **ON** to enable Reflector. This will send data back to the client on selected ports.
Redirect to Port 16992-16995	Toggle to **ON** to use the selected port. Enter the listening port on which the server will listen for incoming connections.
Redirect to Port 9971	Toggle to **ON** to use the selected port. Enter the listening port on which the server will listen for incoming connections.

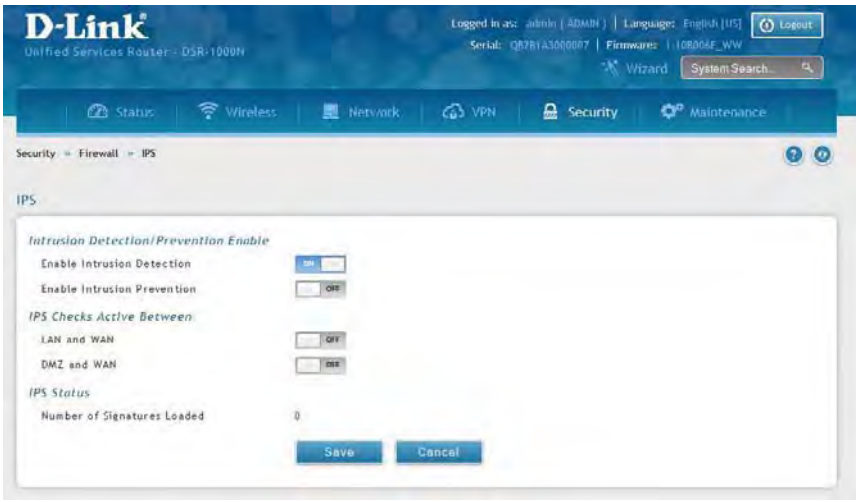
IPS

Path: Security > Firewall > IPS

The router's Intrusion Prevention System (IPS) prevents malicious attacks from the internet from accessing the private network. Static attack signatures loaded to the router allow common attacks to be detected and prevented. The checks can be enabled between the WAN and DMZ or LAN, and a running counter will allow the administrator to see how many malicious intrusion attempts from the WAN have been detected and prevented.

Note: *The DSR-150/150N routers do not support Intrusion Prevention System.*

1. Click **Security** > **Firewall** > **IPS**.



2. Complete the fields from the table below and click **Save**.

Field	Description
Enable Intrusion Detection	Toggle to **ON** to enable intrusion detection.
Enable Intrusion Prevention	Toggle to **ON** to enable intrusion prevention.
LAN and WAN	Toggle to **ON** to detect intrusions between the LAN and WAN interfaces.
DMZ and WAN	Toggle to **ON** to detect intrusions between the DMZ and WAN interfaces.
Number of Signatures Loaded	Displays the number of signatures loaded.

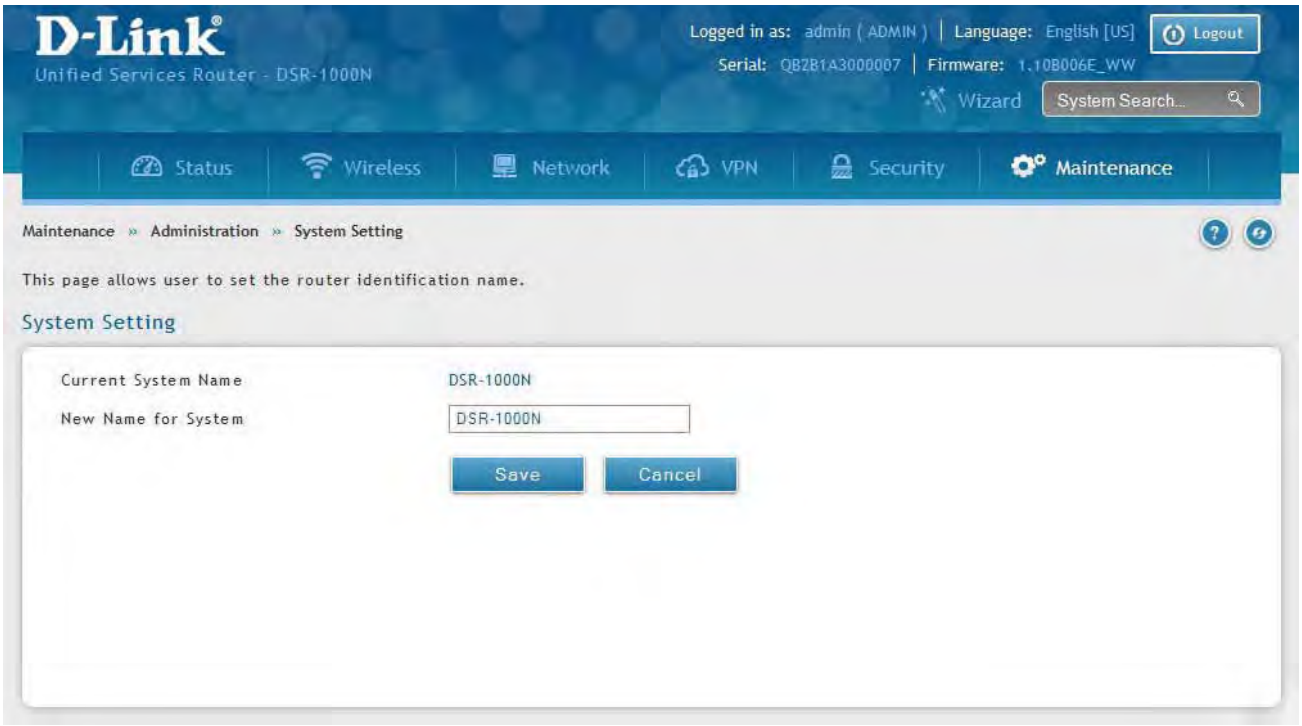
Maintenance

System Settings

Path: Maintenance > Administration > System Setting

You may change the name of the router here.

1. Click **Maintenance** > **Administration** > **System Setting**.



2. Complete the fields from the table below and click **Save**.

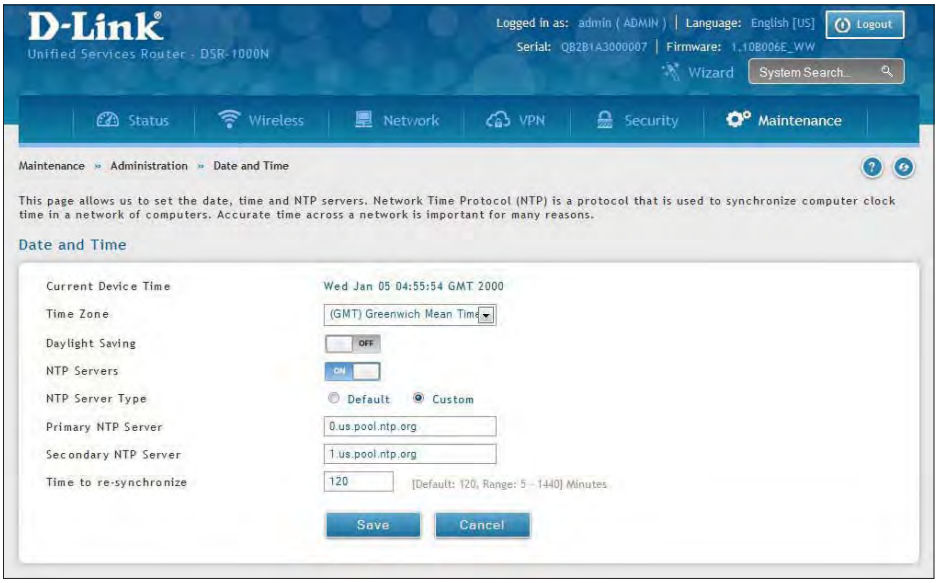
Field	Description
Current System Name	Displays the current name for the router.
New Name for System	Enter a new name for the router.
Save	Click to save and activate your settings.

Date and Time

Path: Maintenance > Administration > Date and Time

You can configure your time zone, whether or not to adjust for Daylight Savings Time, and with which Network Time Protocol (NTP) server to synchronize the date and time. You can choose to set Date and Time manually, which will store the information on the router's real time clock (RTC). If the router has access to the internet, the most accurate mechanism to set the router time is to enable NTP server communication.

1. Click **Maintenance** > **Administration** > **Date and Time**.



2. Complete the fields from the table below and click **Save**.

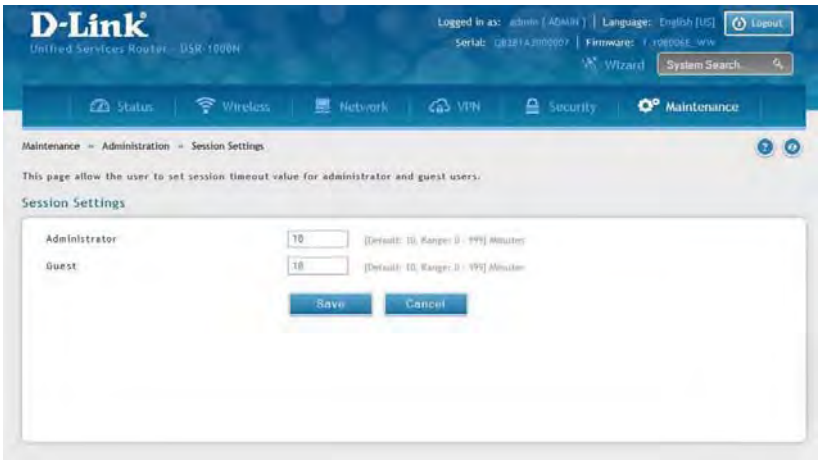
Field	Description
Current Device Time	Displays the current date and time on the router.
Time Zone	Select your time zone from the drop-down menu.
Daylight Saving	Toggle to **ON** to enable daylight saving time.
NTP Servers	Toggle to **ON** to use NTP servers on the Internet.
NTP Server Type	Select either **Default** or **Custom** to enter specific NTP Server addresses.
Primary NTP Server	If you selected *Custom*, enter the primary NTP server address.
Secondary NTP Server	If you selected *Custom*, enter the secondary NTP server address.
Time to re-synchronize	Enter the time in minutes for the router to re-synch with the NTP server(s).
Save	Click to save and activate your settings.

Session Settings

Path: Maintenance > Administration > Session Settings

Here you can set the timeout value for admin and guest logins.

1. Click **Maintenance** > **Administration** > **Session Settings**.



2. Complete the fields from the table below and click **Save**.

Field	Description
Administrator	Enter the timeout value in minutes for the Administrator account.
Guest	Enter the timeout value in minutes for the Guest account.
Save	Click to save and activate your settings.

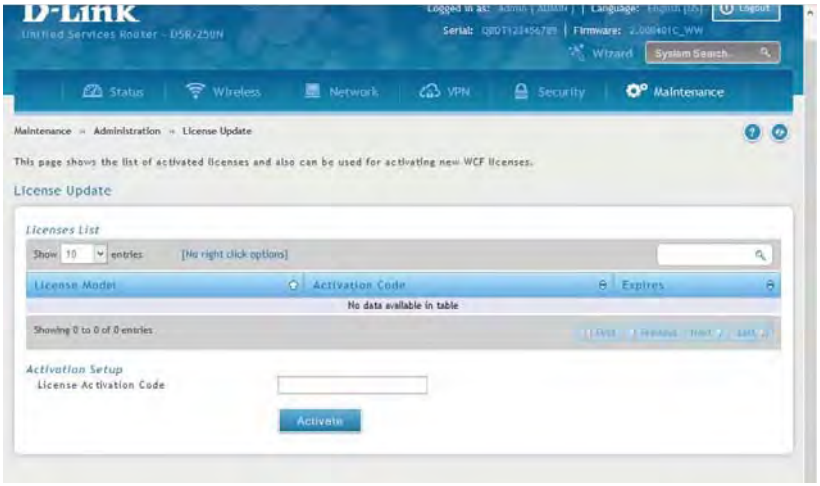
License Updates

Path: Maintenance > Administration > License Update

Certain features can be added to the router by purchasing a license key. An activation code is provided based on the router's MAC Address, so it will be unique to that particular device.

Each license has the following three parameters:

Field	Description
Model	The license model as it relates to the feature being added.
Activation Code	The activation code corresponding to this license.
Expiration	Licenses can either have a fixed duration, or are perpetual for the life of this router.

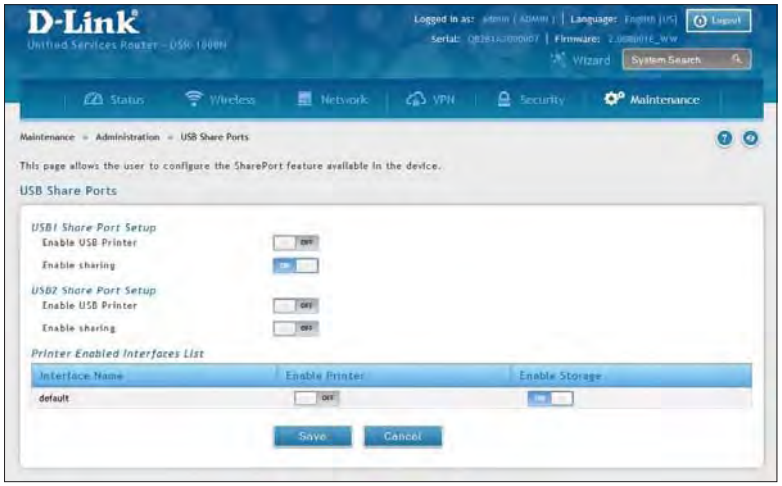


USB Share Ports

Path: Maintenance > Administration > USB Share Ports

This page allows configure the SharePort feature available on this router.

1. Click **Maintenance** > **Administration** > **USB Share Ports**.



2. Complete the fields from the table below and click **Save**.

Field	Description
USB Port 1 Printer	Toggle to **ON** to enable USB port 1. Once enabled you will need to enter your printer information.
USB Port 2 Printer	Toggle to **ON** to enable USB port 2. Once enabled you will need to enter your printer information.
Interface Name	Displays the name of the printer interface.
Enable Printer	Displays if the printer is enabled or not. Toggle to **ON** to enable.
Save	Click to save and activate your settings.

SMS Service

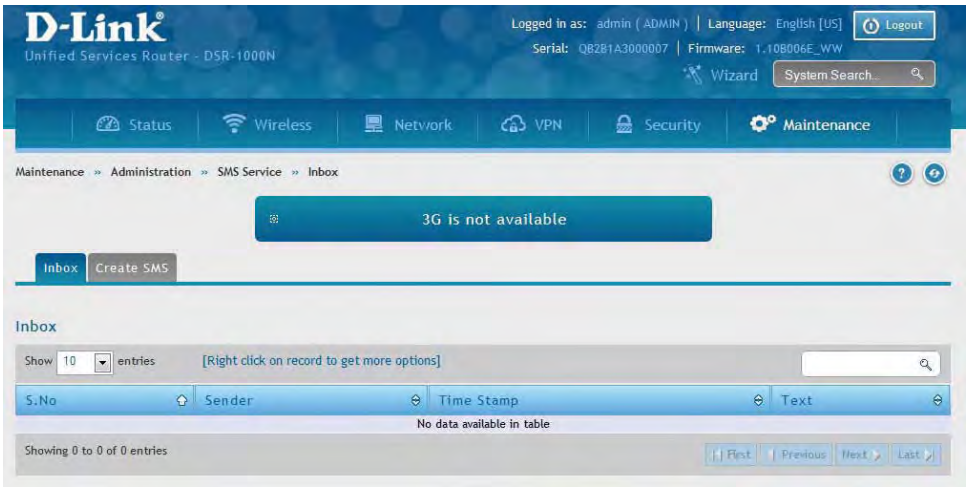
Inbox

Path: Maintenance > Administration > SMS Service > Inbox

The D-Link Services Router has a USB interface to connect 3G modem support to send and receive Short Messaging Service (SMS). The received messages can be seen in the Inbox and allows the user to create a new SMS. If WAN3 is used in dedicated WAN mode, load balancing mode, or if the 3G USB device is not connected to router then the controls on this page will not be available.

To view any incoming messages:

1. Click **Maintenance** > **Administration** > **SMS Service** > **Inbox** tab.



2. The following details are displayed.

Field	Description
S. No	Displays the serial number of the message.
Sender	Displays the sender of the message.
Time Stamp	Displays the time when the message was sent.
Text	Displays the content of the message.
Save	Click to save and activate your settings.

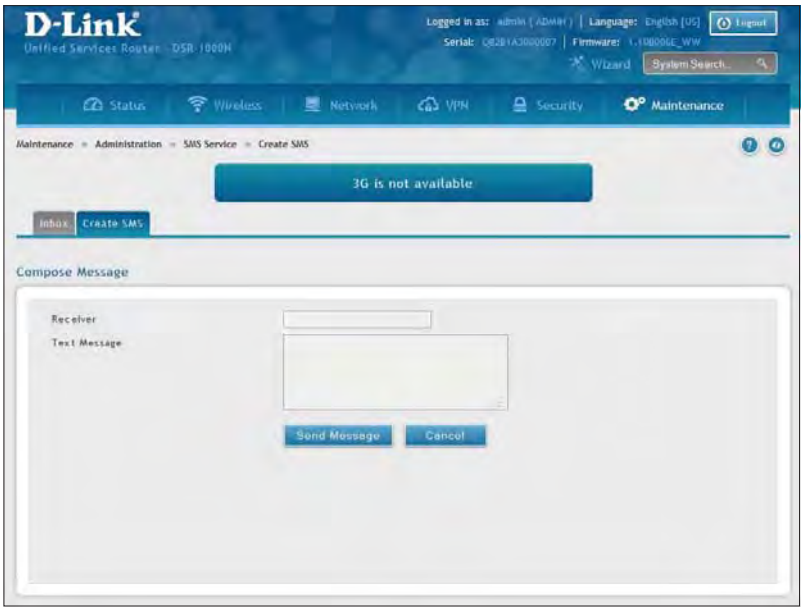
3. Right-click the entry to delete, refresh, reply, or forward the message.

Create SMS

Path: Maintenance > Administration > SMS Service> Create SMS

This page allows you to send a message using the SMS service.

1. Click **Maintenance** > **Administration** > **SMS Service** > **Create SMS** tab.



2. Complete the fields from the table below and click **Send Message**.

Field	Description
Receiver	Enter the phone number of the intended receiver.
Text Message	Enter the message you want to send.
Send Message	Click to send your message.
Cancel	Click to reset the fields.

Package Manager

Path: Maintenance > Administration > Package Manager

Note: *This feature is only supported on the DSR-1000, DSR-1000N, DSR-500, and DSR-500N routers.*

A package is a set of files which are installed by the router from D-Link's repositories. This feature allows users to download new drivers for supported USB devices and language packs to enable multi-lingual support for the router's management interface. Multi-lingual support via the package manager allows the user to choose a language of choice so that the entire textual content in the router's user interface is presented in the selected language.

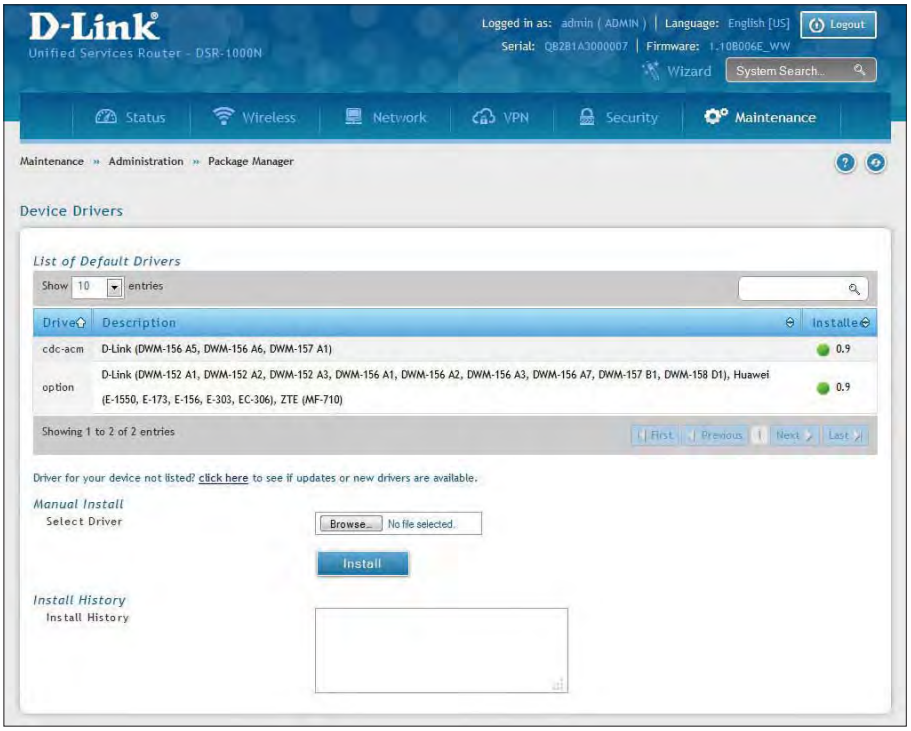
This feature supports a single driver and single language pack to be stored in the router (i.e. these files are available for use after device reboot) . There are 2 types of installations supported by this feature:

1. **Manual Installation:** Upon selecting manual installation, the user has to download the package which will then display the available languages that the router GUI now supports.

   Note: *Only drivers provided by D-Link can be used for manual installation. A validation process will be performed during installation.*

2. **Auto Installation:** By selecting the link "click here" the auto-installation of the package is exercised. A page showing the list of available drivers / language packs is displayed from which the user can select and install one of the options. For this type of installation the router must be able to access the internet, as this will allow the user to download the package from a repository server which consists of all the available languages.

1. Click **Maintenance** > **Administration** > **Package Manager**.



2. Complete the fields from the table below.

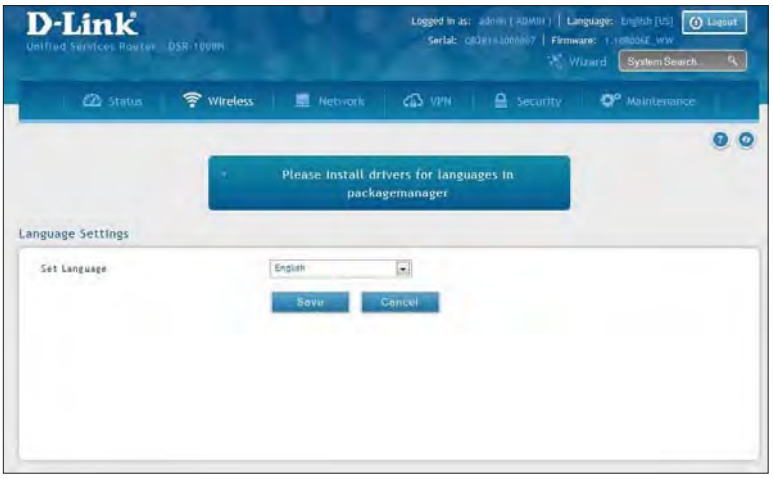
Field	Description
List of Default Drivers	Displays the default drivers that are installed.
Click Here	Click to display a list of available packages for download. You must be connected to the Internet. Here you can select the driver to update or install.
Manual Install	If you have downloaded a packed, click **Browse** and select the package. Click **Open** and then click **Install**.
Install History	Displays a list of package installations.

Set Language

Path: Maintenance > Administration > Set Language

You can download language packs (refer to "Package Manager" on page 168) and install them on the router. Once you have downloaded a pack, follow the steps below to install:

1. Click **Maintenance** > **Administration** > **Set Language**.



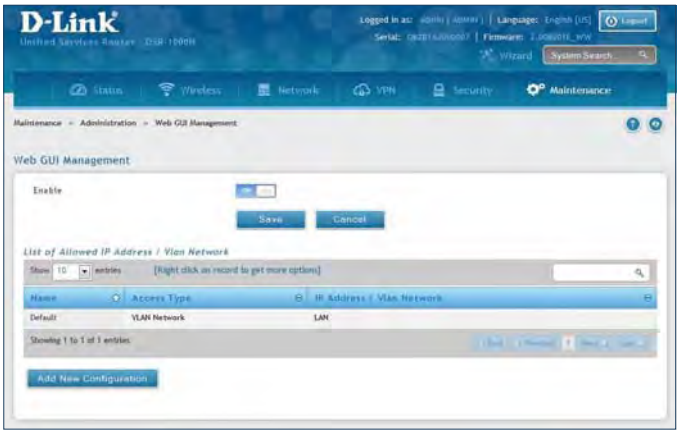
2. Select a loaded language pack from the drop-down menu and click **Save**.

Web GUI Management

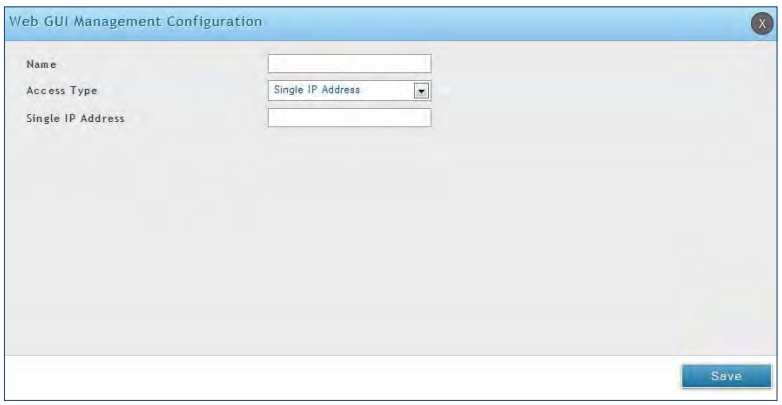
Path: Maintenance > Administration > Web GUI Management

The Web GUI Management page will allow you to specify by IP address or VLAN what users can configure the router using the web GUI.

1. Click **Maintenance** > **Administration** > **Web GUI Management**.
2. Toggle *Enable* to **ON** and click **Save**.



3. Click **Add New Configuration**.



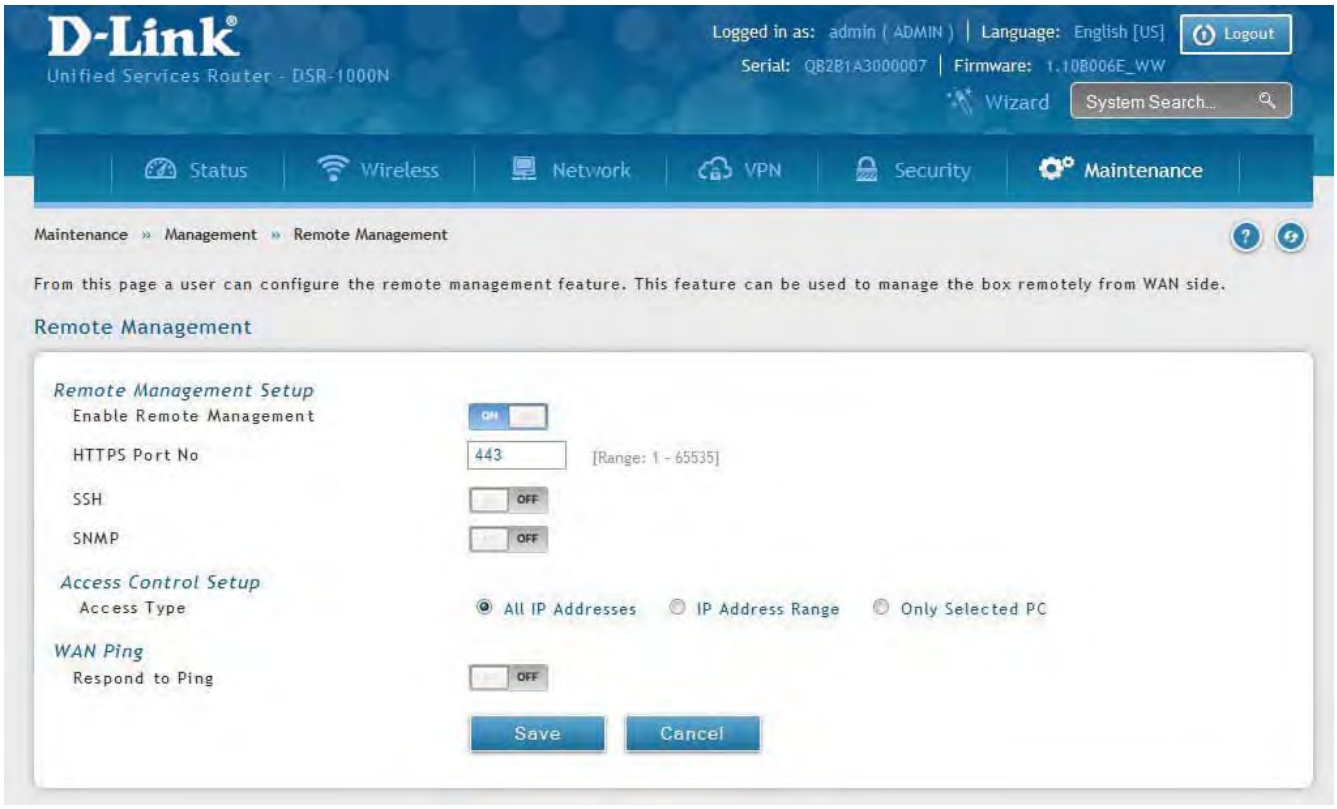
4. Enter a name for this configuration.
5. Select either **Single IP Address** and enter the IP address of the computer/device or **VLAN Network** and enter the VLAN ID that you want to allow access to the web GUI.
6. Click **Save**.

Remote Management

Path: Maintenance > Management > Remote Management

Enable this feature to be able to manage the router from a remote location, using HTTPS or Telnet. Both HTTPS and Telnet access can be restricted to a subset of IP addresses. The router administrator can define a known PC, single IP address or range of IP addresses that are allowed to access the GUI with HTTPS. The opened port for SSL traffic can be changed from the default of 443 at the same time as defining the allowed remote management IP address range.

1. Click **Maintenance** > **Management** > **Remote Management**.



2. Complete the fields from the table below and click **Save**.

Field	Description
Enable Remote Management	Toggle to **ON** to enable remote management.
HTTPS Port No.	Enter the port for HTTPS access. The default port is 443.
SSH	Toggle **ON** to enable SSH (Secure Shell) protocol which can be used to access the CLI over the network from a remote host.
SNMP	Toggle to **ON** to enable SNMP for remote management.
Access Type	Select either All IP Addresses, IP Address Range (enter an IP range), or Only Selected PC (enter an IP address).
Respond to Ping	Toggle to **ON** to allow the router to respond to ping requests from the WAN.
Save	Click to save and activate your settings.

SNMP

Path: Maintenance > Management > SNMP

SNMP is an additional management tool that is useful when multiple routers in a network are being managed by a central Master system. When an external SNMP manager is provided with this router's Management Information Base (MIB) file, the manager can update the router's hierarchal variables to view or update configuration parameters. The router as a managed device has an SNMP agent that allows the MIB configuration variables to be accessed by the Master (the SNMP manager). The Access Control List on the router identifies managers in the network that have read-only or read-write SNMP credentials. The Traps List outlines the port over which notifications from this router are provided to the SNMP community (managers) and also the SNMP version (v1, v2c, v3) for the trap.

SNMP User List

1. Click **Maintenance** > **Management** > **SNMP** > **SNMP** tab.

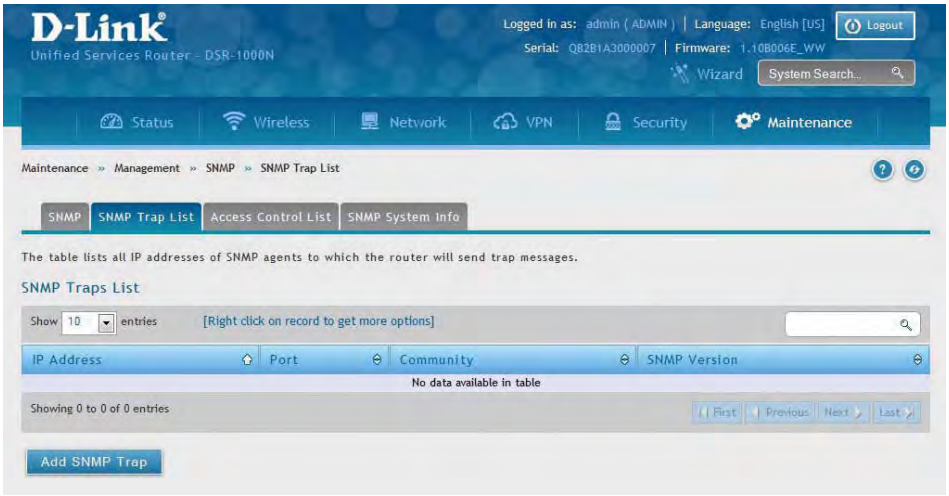
2. Right-click a user and select **Edit** if you want to change the security level.
3. Select the security level from the drop-down list. Select one of the following:
   - **No-Auth No-Priv:** Only requires a user name match for authentication.
   - **Auth No-Priv:** Provides authentication based on the MD5 or SHA algorithms.
   - **Auth Priv:** Provides authentication based on the MD5 or SHA algorithms as well as encryption privacy with the DES 256-bit standard.
4. Click **Save**.

SNMP Trap List

Path: Maintenance > Management > SNMP > SNMP Trap List

To create a new SNMP trap:

1. Click **Maintenance** > **Management** > **SNMP** > **SNMP Trap List** tab.



2. Right-click an entry and select either **Edit** or **Delete**. To add a new trap, click **Add SNMP Trap**.

3. Complete the fields from the table below and click **Save**.

Field	Description
IP Address	The IP Address of the SNMP trap agent.
Port	The SNMP trap port to which the trap messages will be sent.
Community	The community string to which the agent belongs. Most agents are configured to listen for traps in the Public community.
Authentication Type	The SNMP version used by the trap agent. The choices are v1, v2c, or v3.
Save	Click to save and activate your settings.

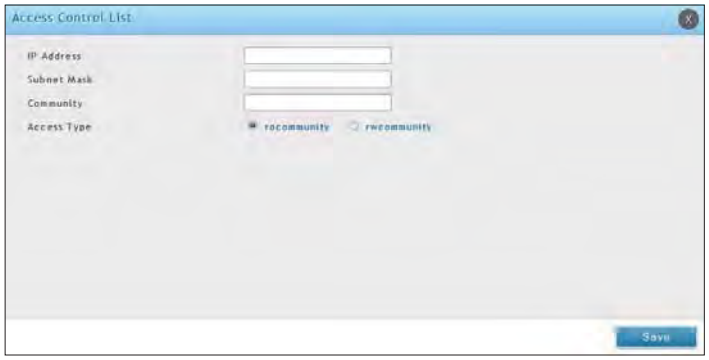
Access Control

Path: Maintenance > Management > SNMP > Access Control List

To edit, delete, or create a new access control entry:

1. Click **Maintenance** > **Management** > **SNMP** > **Access Control List** tab.

2. Right-click an entry and select either **Edit** or **Delete**. To add a new trap, click **Add Access Control**.



3. Complete the fields from the table below and click **Save**.

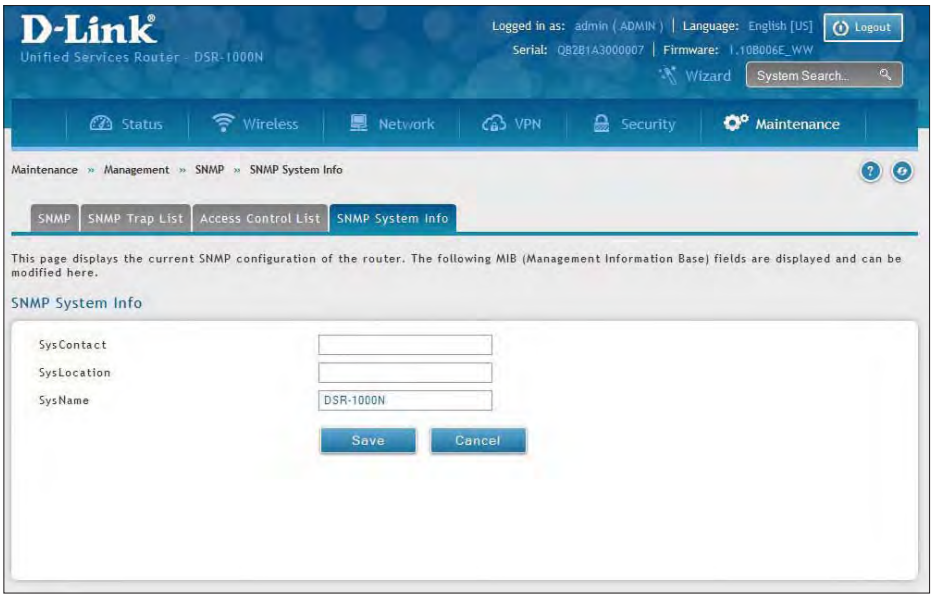
Field	Description
IP Address	The IP Address of the SNMP agent.
Subnet Mask	The network mask used to determine the list of allowed SNMP managers.
Community	The community string to which the agent belongs. Most agents are configured to listen for traps in the Public community.
Access Type	Access will be either read only (ROcommunity) or read-write (RWcommunity).
Save	Click to save and activate your settings.

SNMP System Info

Path: Maintenance > Management > SNMP > SNMP System Info

To create a new SNMP trap:

1. Click **Maintenance** > **Management** > **SNMP** > **SNMP System Info** tab.



2. Complete the fields from the table below and click **Save**.

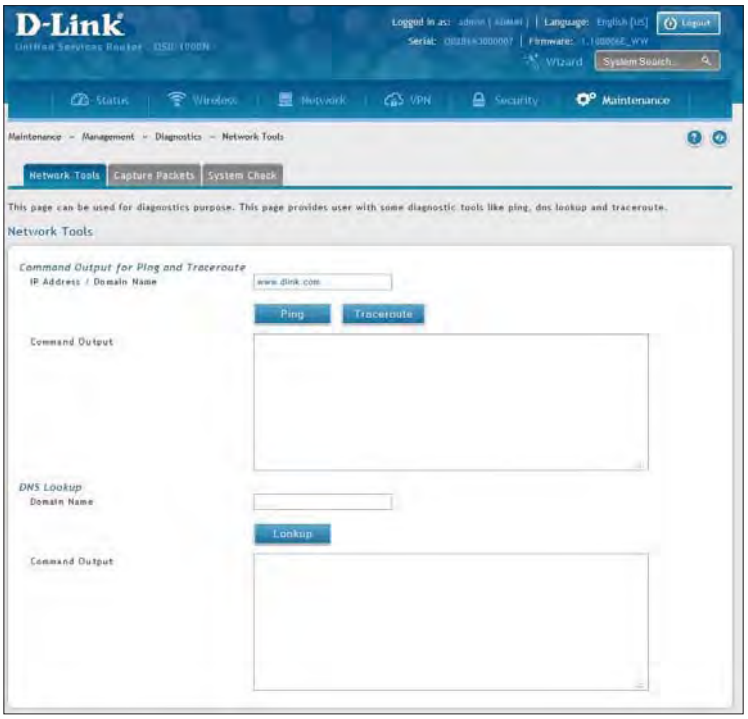
Field	Description
SysContact	The name of the contact person for this router. Examples: admin, John Doe.
SysLocation	The physical location of the router: Example: Rack #2, 4th Floor.
SysName	A name given for easy identification of the router.
Save	Click to save and activate your settings.

Diagnostics
Ping an IP Address/Domain Name

Path: Maintenance > Management > Diagnostics > Network Tools

As part of the diagnostics functions on the router, you can ping an IP address or domain name. You can use this function to test connectivity between the router and another device on the network or the Internet.

1. Click **Maintenance** > **Diagnostics** > **Network Tools** tab.



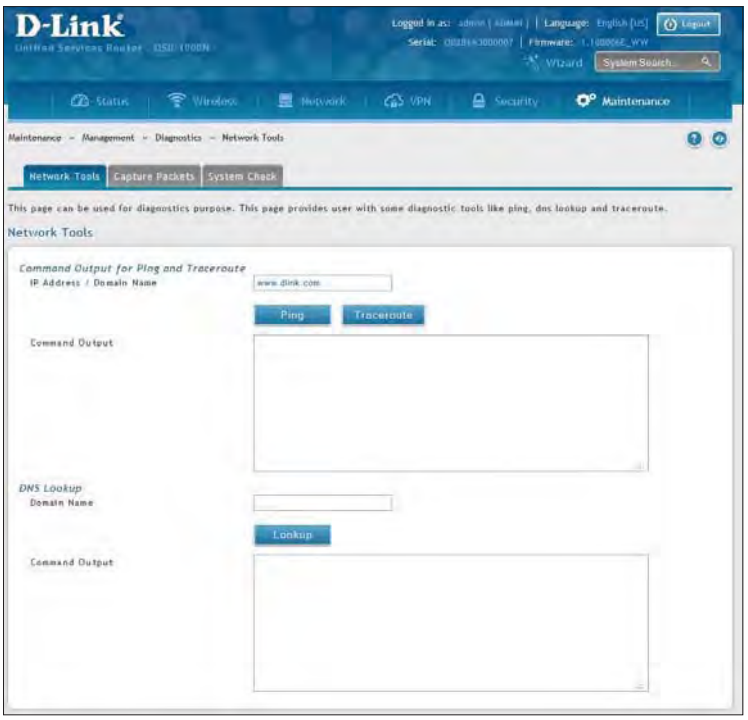
2. Under *Command Output for Ping and Traceroute*, in the IP Address/Domain Name field, enter an IP address or domain name.
3. Click **Ping**. The results will appear in the *Command Output* display below.

Using Traceroute

Path: Maintenance > Management > Diagnostics > Network Tools

The router provides a Traceroute function that lets you map the network path to a public host. Up to 30 "hops" between this router and the destination will be displayed.

1. Click **Maintenance** > **Diagnostics** > **Network Tools** tab.



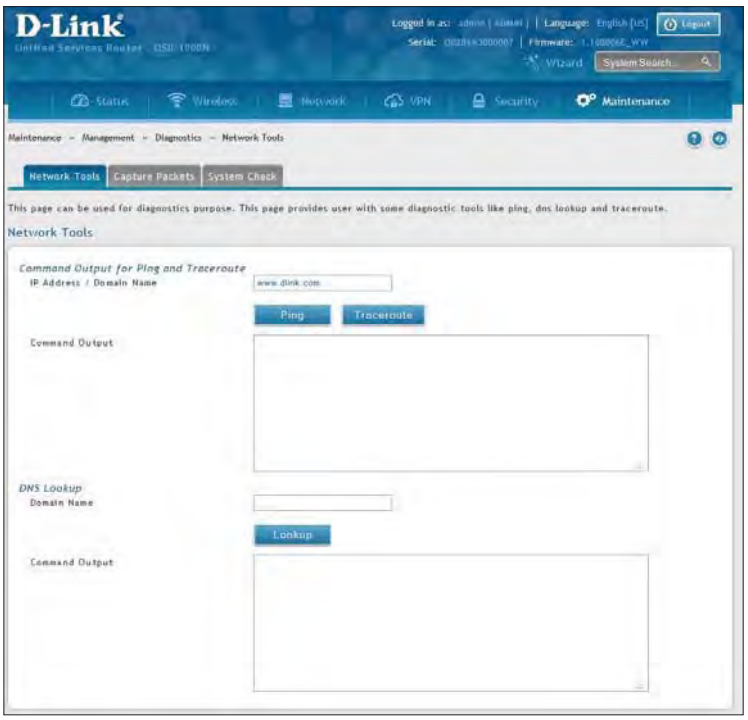
2. Under *Command Output for Ping and Traceroute*, in the IP Address/Domain Name field, enter an IP address or domain name.
3. Click **Traceroute**. The results will appear in the *Command Output* display below.

Performing DNS Lookups

Path: Maintenance > Management > Diagnostics > Network Tools

The router provides a DNS lookup function that lets you retrieve the IP address of a Web, FTP, Mail, or any other server on the Internet.

1. Click **Maintenance** > **Diagnostics** > **Network Tools** tab.



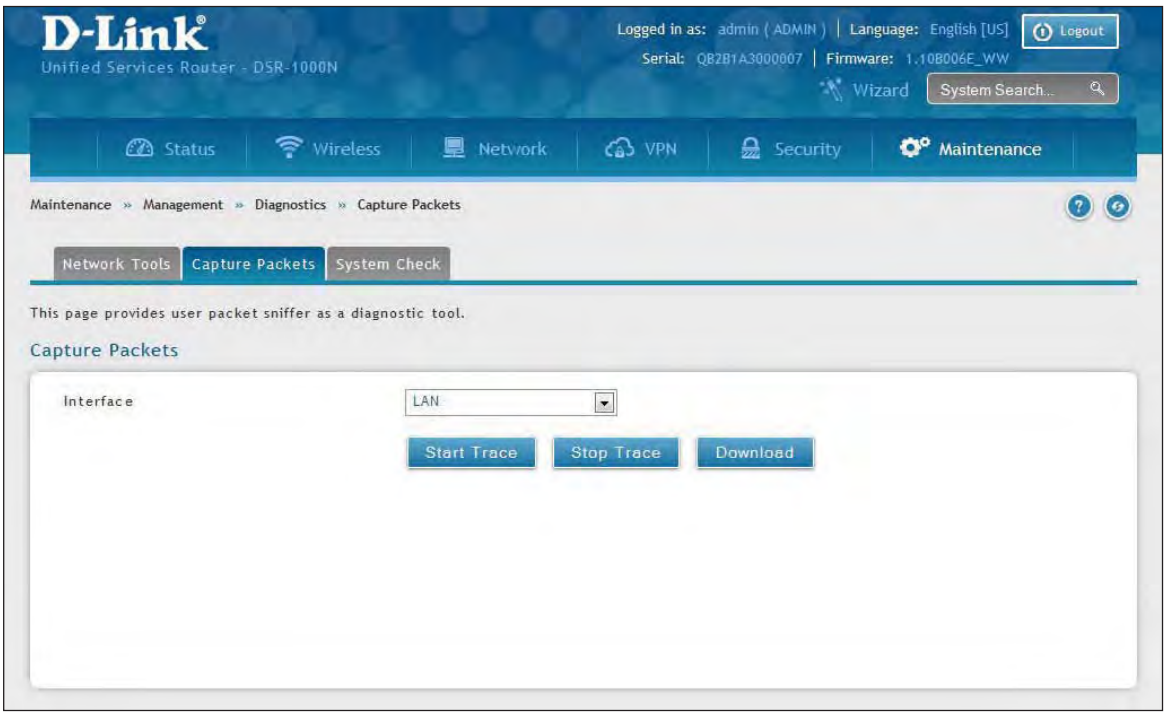
2. Under *DNS Lookup*, in the Domain Name field, enter an Internet name.
3. Click **Lookup**. The results will appear in the *Command Output* display. If the host or domain entry exists, a response will appear with the IP address. If the message Host Unknown appears, the Internet name does not exist.

Capture Packets

Path: Maintenance > Management > Diagnostics > Capture Packets

The router lets you capture all packets that pass through the LAN and WAN interfaces. The packet trace is limited to 1MB of data per capture session. If the capture file size exceeds 1MB, it is deleted automatically and a new capture file is created.

1. Click **Maintenance** > **Diagnostics** > **Capture Packets** tab.



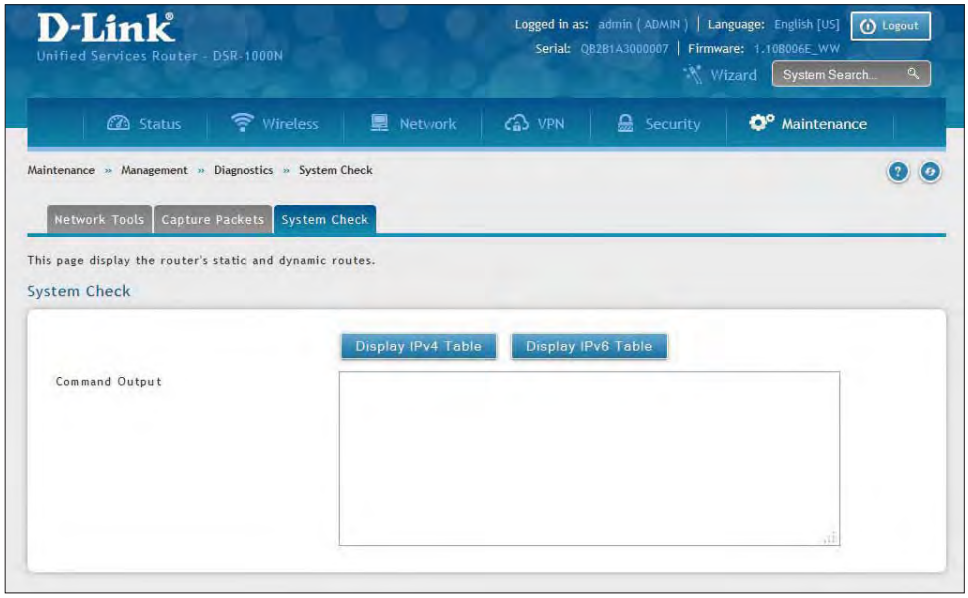
2. Select an interface from the drop-down menu.
3. Click **Start Trace**. The trace can be downloaded by clicking the **Download** button, which will immediately begin the download to the browser's default download location. To stop the trace click **Stop Trace**.

System Check

Path: Maintenance > Management > Diagnostics > System Check

As part of the diagnostics functions on the router, you can view the static and dynamic routes for both IPv4 and IPv6.

1. Click **Maintenance** > **Diagnostics** > **System Check** tab.



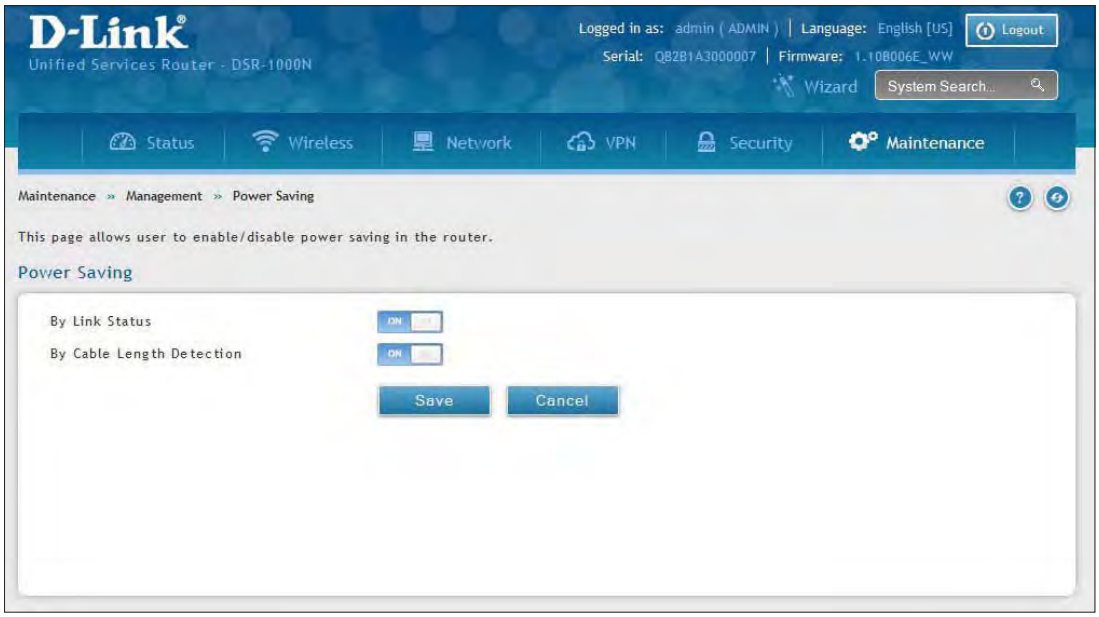
2. Click **Display IPv4 Table** or **Display IPv6 Table**. The results will appear in the Command Output display.

Power Saving

Path: Maintenance > Management > Power Saving

The router allows you to adjust the power consumption of the hardware based on your actual usage. The two "green" options available for your LAN switch are Power Saving by Link Status and Length Detection State.

1. Click **Maintenance** > **Diagnostics** > **Power Saving**.



2. Complete the fields from the table below and click **Save**.

Field	Description
By Link Status	With "Power Saving by Link Status" option toggled to **ON**, the total power consumption by the LAN switch is dependent function of on the number of connected ports. The overall current draw when a single port is connected is less than when all the ports are connected.
By Cable Length Detection	With "Length Detection State" option toggled to **ON**, the overall current supplied to a LAN port is reduced when a smaller cable length is connected on a LAN port.
Save	Click to save and activate your settings.

Firmware Upgrade

You can upgrade to a newer firmware version from the Administration web page. In the Firmware Upgrade section, to upgrade your firmware, click Browse, locate and select the firmware image on your host, and click Upgrade. After the new firmware image is validated, the new image is written to flash and the router will automatically reboot with the new firmware.

Warning: *During the firmware upgrade, do NOT try to go online, turn off the DSR, shut down your PC, or interrupt the process in anyway until the operation is complete. This should take only a minute or so including the reboot process. Interrupting the upgrade process at specific points when the flash is being written to may corrupt the flash memory and render the router unusable without a low-level process of restoring the flash firmware (not through the web GUI).*

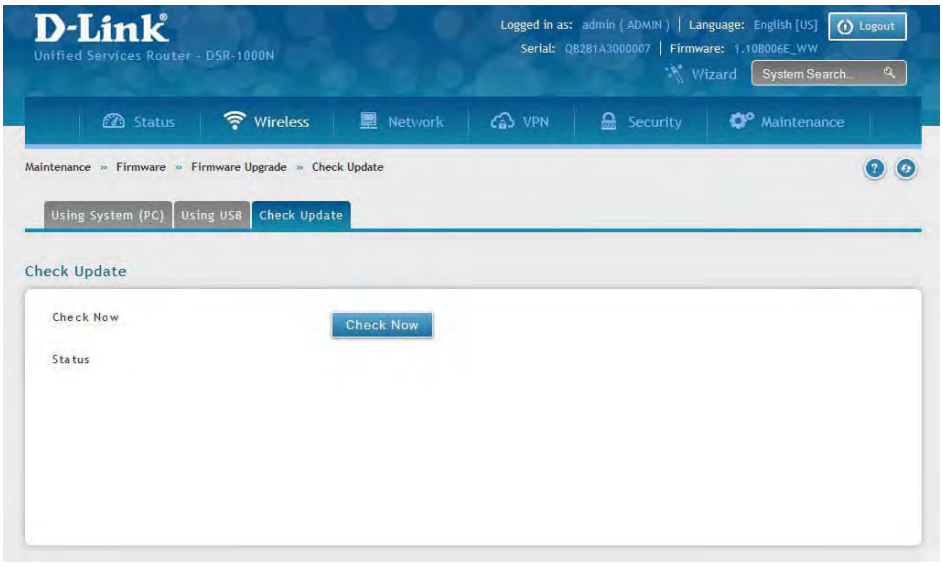
Check Update

Path: Maintenance > Firmware > Firmware Upgrade

This router supports an automated notification to determine if a newer firmware version is available for this router. By clicking the **Check Now** button in the notification section, the router will check a D-Link server to see if a newer firmware version for this router is available for download.

To see if a new version is available:

1. Click **Maintenance** > **Firmware** > **Firmware Upgrade** > **Check Update** tab.

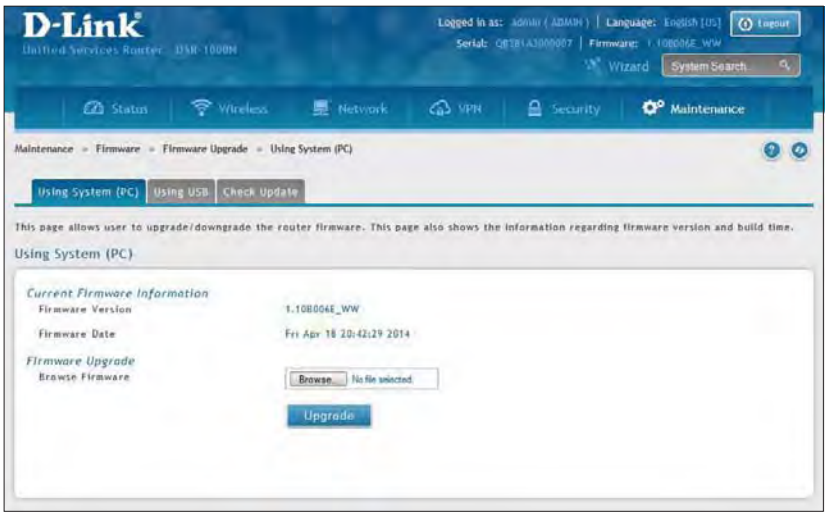


2. Click **Check Now**. If new firmware is available or if you have the most current version a message will appear under *Status*.

Using PC

To upgrade the firmware from a PC:

1. Download the latest firmware version from the D-Link support website.
2. Once downloaded, log in to the router and click **Maintenance** > **Firmware** > **Firmware Upgrade** > **Using System (PC)** tab.



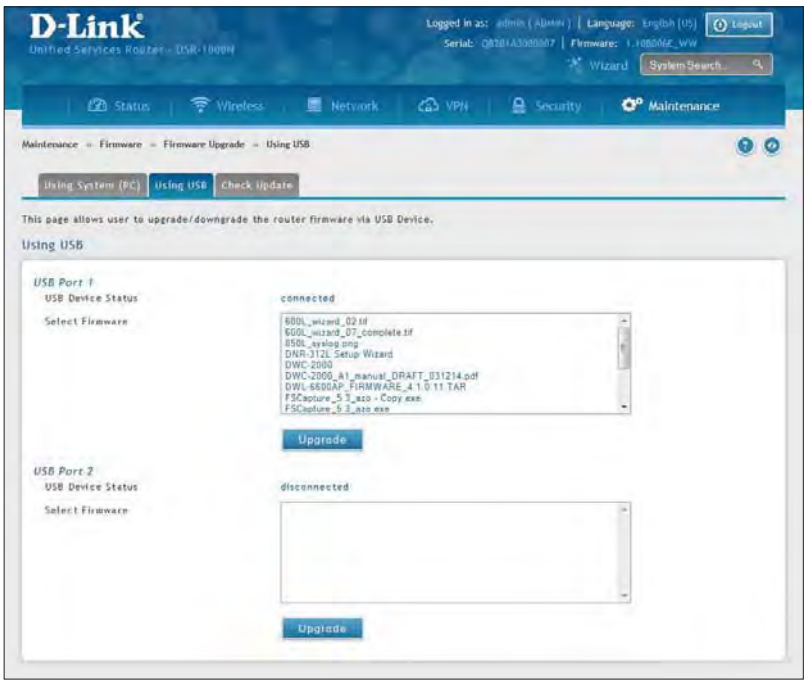
3. Click **Browse** and locate the firmware file you downloaded. Select it and click **Open**.
4. Click **Upgrade**.

   Note: *The upgrade process takes a few minutes. Do not interrupt the upgrade or turn off the router; otherwise you can damage the firmware. Wait for the upgrade to complete before browsing any sites from your browser.*

Using USB

To upgrade the firmware using a USB thumb drive:

1. Download the latest firmware version from the D-Link support website and copy the file to a USB thumb drive.
2. Plug the USB thumb drive into a USB port on the router.
3. Log in to the router and click **Maintenance** > **Firmware** > **Firmware Upgrade** > **Using USB** tab.



4. Select the firmware file from the list and click **Upgrade**.

   Note: *The upgrade process takes a few minutes. Do not interrupt the upgrade or turn off the router; otherwise you can damage the firmware. Wait for the upgrade to complete before browsing any sites from your browser.*

Configuration Files

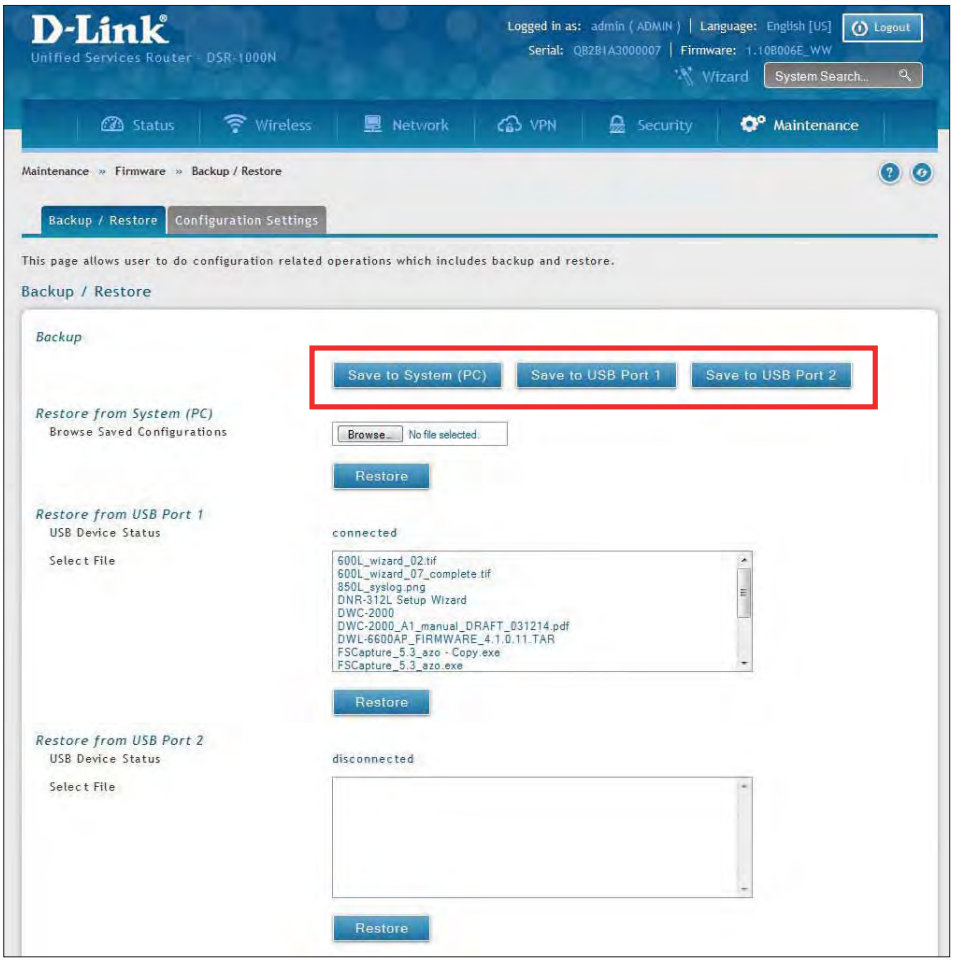
Backup

Path: Maintenance > Firmware > Backup / Restore

After you configure the router, you can back up the configuration settings. When you back up the settings, they are saved as a file. You can then use the file to restore the settings on the same router if something goes wrong or on a different router (must be the same model) that will replace the existing router.

To backup your configuration files:

1. Click **Maintenance** > **Firmware** > **Backup / Restore** tab.

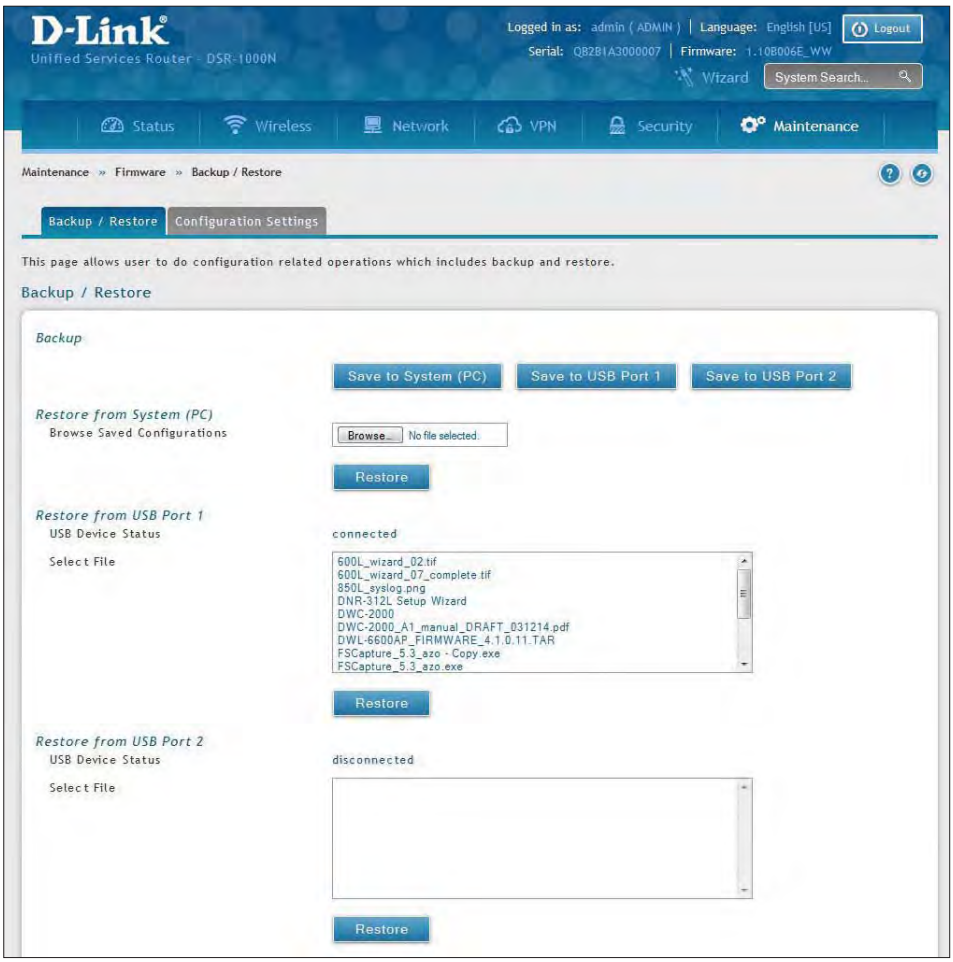


2. To save the file to your computer, click **Save to System (PC)**. If you have a USB thumb drive connected to the router, you can click **Save to USB Port 1** (or Port 2).

Restore

To restore your settings from a saved backup file:

1. Click **Maintenance** > **Firmware** > **Backup / Restore**.



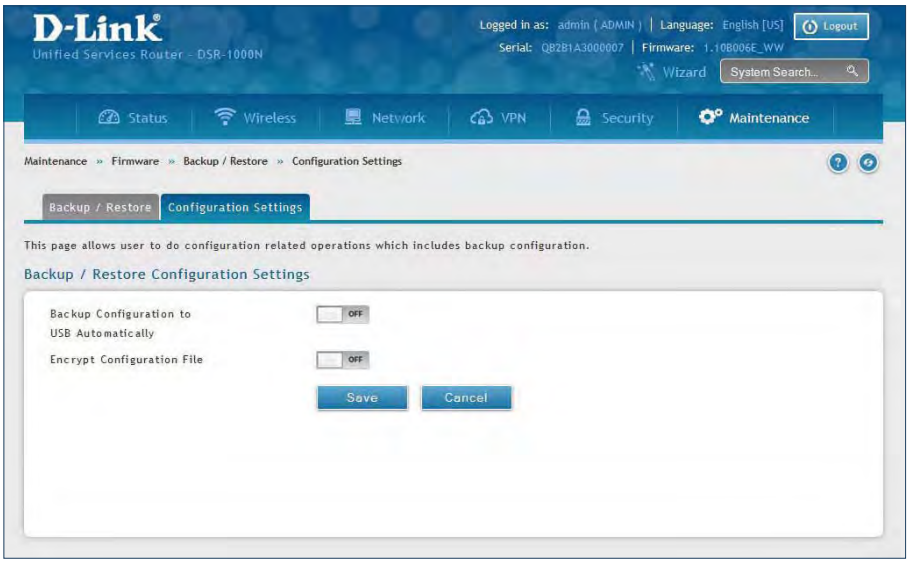
2. To restore the file from your computer, click **Browse** and select the file. Click Open and then click Restore.

   To restore the file from a USB thumb drive, select the file in the list under the corresponding USB port and click **Restore**.

Configuration Settings

If there is a USB storage device currently plugged in to the router, you can enable auto-backup. The snapshot of current configuration settings will be updated on the USB storage device and overwrite any files with the same filename (i.e., if there was an earlier configuration backup done to this location).

1. Click **Maintenance** > **Firmware** > **Backup / Restore** > **Configuration Settings** tab.

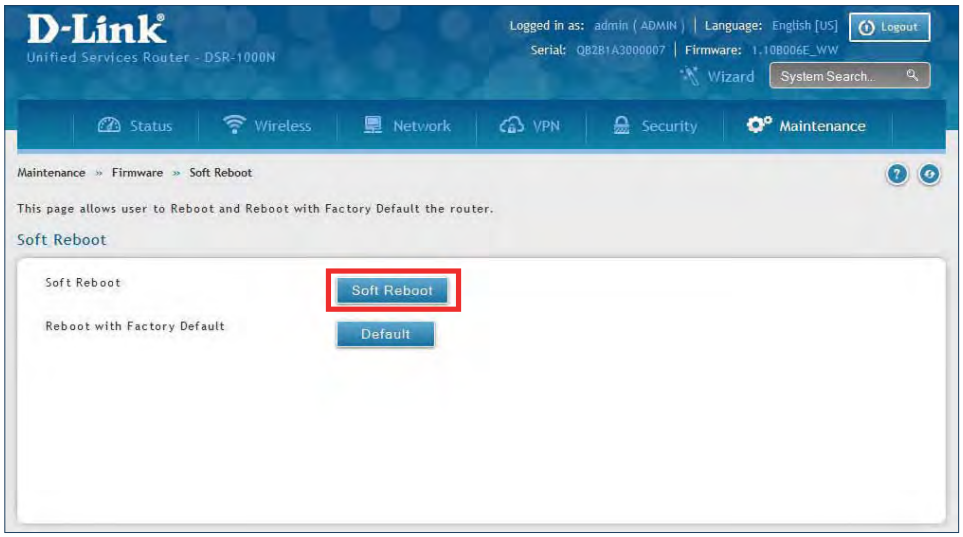


2. Toggle *Backup Configuration to USB Automatically* to **ON** to automatically save your configuration settings to a file on your USB storage device.
3. Toggle *Encrypt Configuration File* to **ON** to encrypt the configuration file. This will ensure confidential information like system username/passwords are not available for view by unauthorized sources. Enabling this option will apply to configuration files backed up on the host as well as a USB drive.

Soft Reboot

Performing a soft reboot simply performs a power cycle.

1. Click **Maintenance** > **Firmware** > **Soft Reboot**.

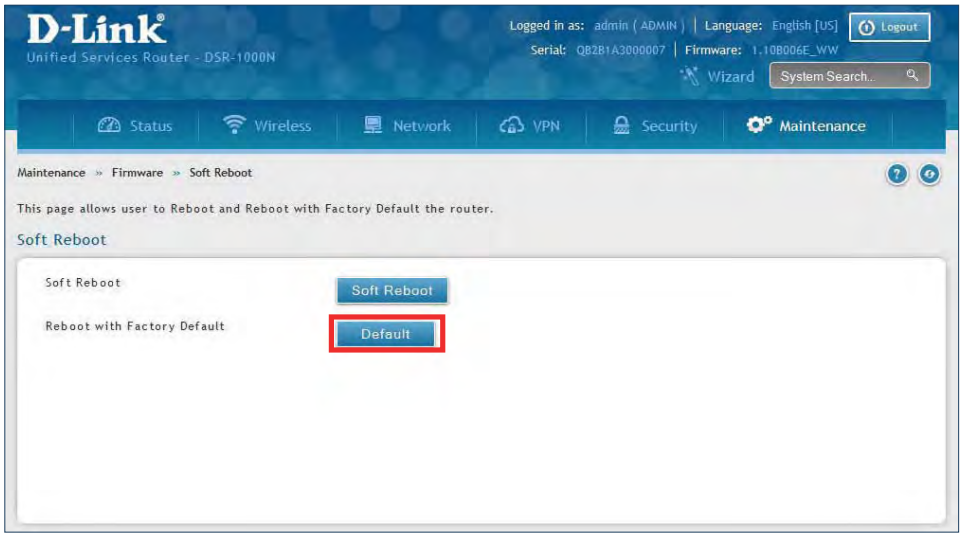


2. Click **Soft Reboot**. The router will power cycle.

Reset to Factory Default Settings

If you reset the router to its factory default settings, it returns to the state when it was new — all changes you made to the default configuration are lost. Examples of settings that get restored include critical things you need to get online, such as login password, SSID, IP addresses, and wireless security keys.

1. Click **Maintenance** > **Firmware** > **Soft Reboot**.



2. Click **Default**. The router will power cycle and reset all settings to the default values.

Note: *After restoring to the factory default settings, the router's default LAN IP address is 192.168.10.1, the default login user name is 'admin', and the default login password is 'admin'.*

Log Settings

The router allows you capture log messages. You can monitor the type of traffic that goes through the router and be notified of potential attacks or errors when they are detected by the controller. The following sections describe the log configuration settings and the ways you can access these logs.

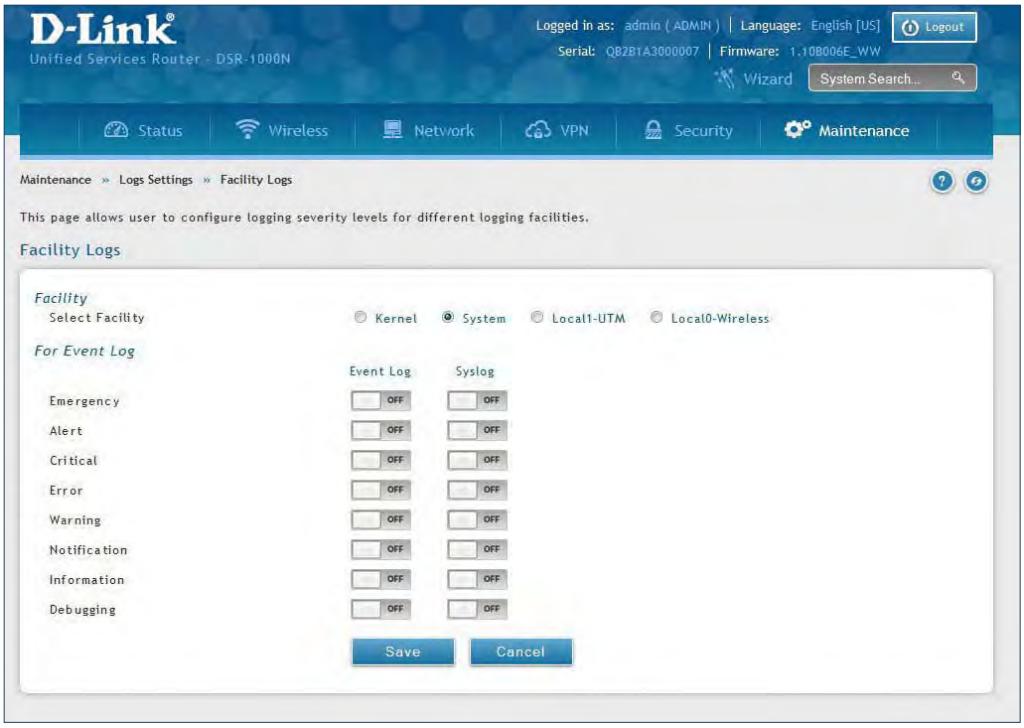
Defining What to Log

Path: Maintenance > Logs Settings > Log Facilities

The Facility Logs page lets you determine the granularity of logs to receive from the wireless controller. Select one of the following facilities:

- **Kernel**: The Linux kernel. Log messages that correspond to this facility would correspond to traffic through the firewall or network stack.
- **System**: Application and management-level features available on this router for managing the unit.
- **Local1-UTM**: This facility corresponds to IPS (Intrusion Prevention System) which helps in detecting malicious intrusion attempts from the WAN.
- **Local0-Wireless**: This facility corresponds to the 802.11 driver used for providing AP functionality to your network.

1. Click **Maintenance** > **Log Settings** > **Log Facilities**.



2. Select the facility and then toggle **ON** which events you want to log and click **Save**.

For each facility, the following events (in order of severity) can be logged:

- **Emergency:** system is unusable
- **Alert:** action must be taken immediately
- **Critical:** critical conditions
- **Error:** error conditions
- **Warning:** warning conditions
- **Notification:** normal but significant condition
- **Information:** informational
- **Debugging:** debug-level messages

When a particular severity level is selected, all events with severity equal to and greater than the chosen severity are captured. For example if you have configured CRITICAL level logging for the Wireless facility, then 802.11 logs with severities CRITICAL, ALERT, and EMERGENCY are logged.

The display for logging can be customized based on whether the logs are sent to the Event Log viewer in the web management interface (the Event Log viewer is in the Status > System Information > All Logs > Current Logs) or a remote Syslog server for later review. E-mail logs, discussed in a subsequent section, follow the same configuration as logs configured for a Syslog server.

Routing Logs

Path: Maintenance > Logs Settings > Routing Logs

Traffic can be tracked based on whether the packet was accepted or dropped by the firewall. Denial of service attacks, general attack information, login attempts, dropped packets, and similar events can be captured for review.

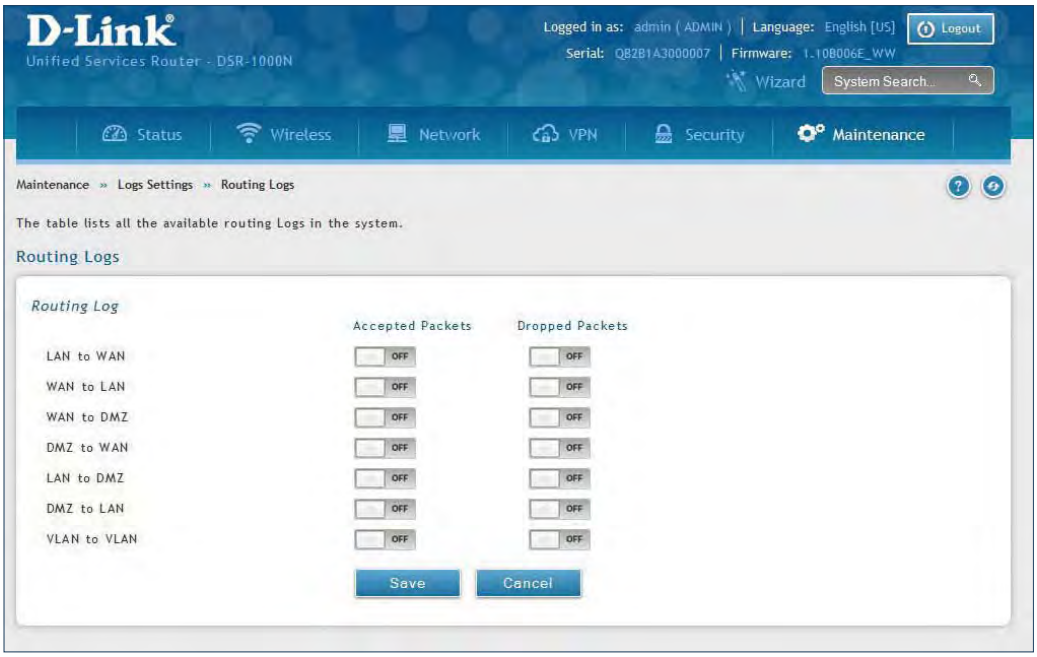
Note: *Enabling logging options may generate a significant volume of log messages and is recommended for debugging purposes only.*

Traffic through each network segment (LAN, WAN, DMZ) can be tracked based on whether the packet was accepted or dropped by the firewall.

Accepted Packets are those that were successfully transferred through the corresponding network segment (i.e., LAN to WAN). This option is particularly useful when the Default Outbound Policy is "Block Always" so you can monitor traffic that is passed through the firewall.

Dropped Packets are packets that were intentionally blocked from being transferred through the corresponding network segment. This option is useful when the Default Outbound Policy is "Allow Always".

1. Click **Maintenance** > **Log Settings** > **Routing Logs**.



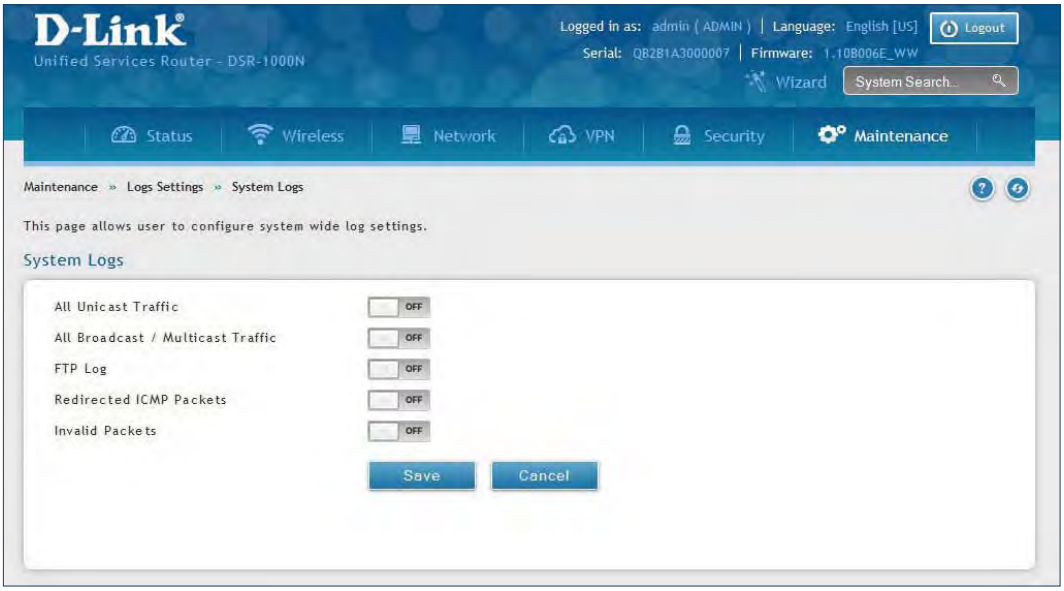
2. Toggle which events you want to log to **ON** and click **Save**.

System Logs

Path: Maintenance > Logs Settings > System Logs

In addition to network segment logging, unicast and multicast traffic can be logged. Unicast packets have a single destination on the network, whereas broadcast (or multicast) packets are sent to all possible destinations simultaneously. One other useful log control is to log packets that are dropped due to configured bandwidth profiles over a particular interface. This data will indicate to the admin whether the bandwidth profile has to be modified to account for the desired internet traffic of LAN users.

1. Click **Maintenance** > **Log Settings** > **System Logs**.



2. Toggle which events you want to log to **ON** and click **Save**.

Remote Logs

Path: Maintenance > Logs Settings > Remote Logs

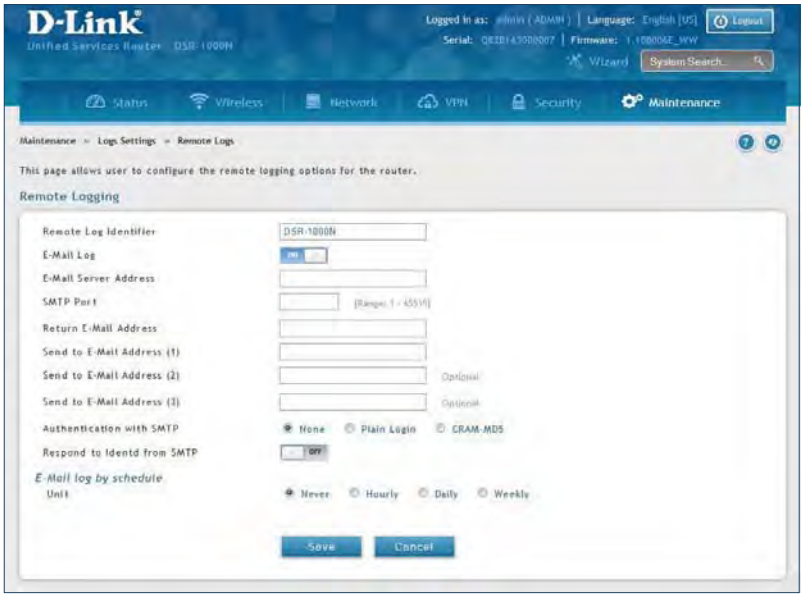
Once you have configured the type of logs that you want the router to collect, they can be sent to either a Syslog server or an E-Mail address. For remote logging a key configuration field is the Remote Log Identifier. Every logged message will contain the configured prefix of the Remote Log Identifier, so that syslog servers or email addresses that receive logs from more than one router can sort for the relevant device's logs.

Once you enable the option to e-mail logs, enter the e-mail server's address (IP address or FQDN) of the SMTP server. The router will connect to this server when sending e-mails out to the configured addresses. The SMTP port and return e-mail addresses are required fields to allow the router to package the logs and send a valid e-mail that is accepted by one of the configured "send-to" addresses. Up to three e-mail addresses can be configured as log recipients.

In order to establish a connection with the configured SMTP port and server, define the server's authentication requirements. The router supports Login Plain (no encryption) or CRAM-MD5 (encrypted) for the username and password data to be sent to the SMTP server. Authentication can be disabled if the server does not have this requirement. In some cases the SMTP server may send out IDENT requests, and this router can have this response option enabled as needed.

Once the e-mail server and recipient details are defined you can determine when the router should send out logs. E-mail logs can be sent out based on a defined schedule by first choosing the unit (i.e., the frequency) of sending logs: Hourly, Daily, or Weekly. Selecting Never will disable log e-mails but will preserve the e-mail server settings.

1. Click **Maintenance** > **Log Settings** > **Remote Logs**.



2. Complete the fields from the table on the next page and click **Save**.

Field	Description
Remote Log Identifier	Enter a prefix used to identify the source of the message. This identifier is prefixed to both e-mail and Syslog messages.
E-Mail Log	Toggle to **ON** to enable E-Mail logs.
E-Mail Server Address	Enter the IP address or network address of the SMTP server. The router will connect to this server to send e-mail logs when required. The SMTP server must be operational for e-mail notifications to be received.
SMTP Port	Enter the SMTP port of the e-mail server.
Return E-Mail Address	Enter the e-mail address where replies from the SMTP server are to be sent (required for failure messages).
Send to E-Mail Address (1-3)	Enter up to three e-mail addresses where logs and alerts are to be sent.
Authentication with SMTP	Select an authentication if the SMTP server requires authentication before accepting connections. Choices are: • **None:** No authentication is used. The User Name and Password fields are not available. • **Login Plain:** Authentication used to log in using Base64-encoded passwords over non-encrypted communication session. Base64-encoded passwords offer no cryptographic protection, making them vulnerable. • **CRAM-MD5:** A challenge-response authentication mechanism defined in RFC 2195 based on the HMAC-MD5 MAC algorithm. CRAM-MD5 offers a higher level of authentication than Login Plain.
User Name	If *Authentication with SMTP* is set to Login Plain or CRAM-MD5, enter the user name to be used for authentication.
Password	If *Authentication with SMTP* is set to Login Plain or CRAM-MD5, enter the case-sensitive password to be used for authentication.
Respond to identd from SMTP	Toggle to **ON** to have the router respond to IDENT requests from the SMTP server.
Unit	Select the period of time that you need to send the log. This option is useful when you do not want to receive logs by e-mail, but want to keep e-mail options configured, so you can use the Send Log function Event Log viewer pages. Choices are: • **Never:** Disable sending of logs. • **Hourly:** Send logs every hour. • **Daily:** Send logs every day at the Time specified. • **Weekly:** Send logs weekly, at the Day and Time specified.
Day	If Unit is set to Weekly, select the day of the week when logs will be sent.
Time	If Unit is set to Daily or Weekly, select the time when logs will be sent.
Save	Click to save and activate your settings.

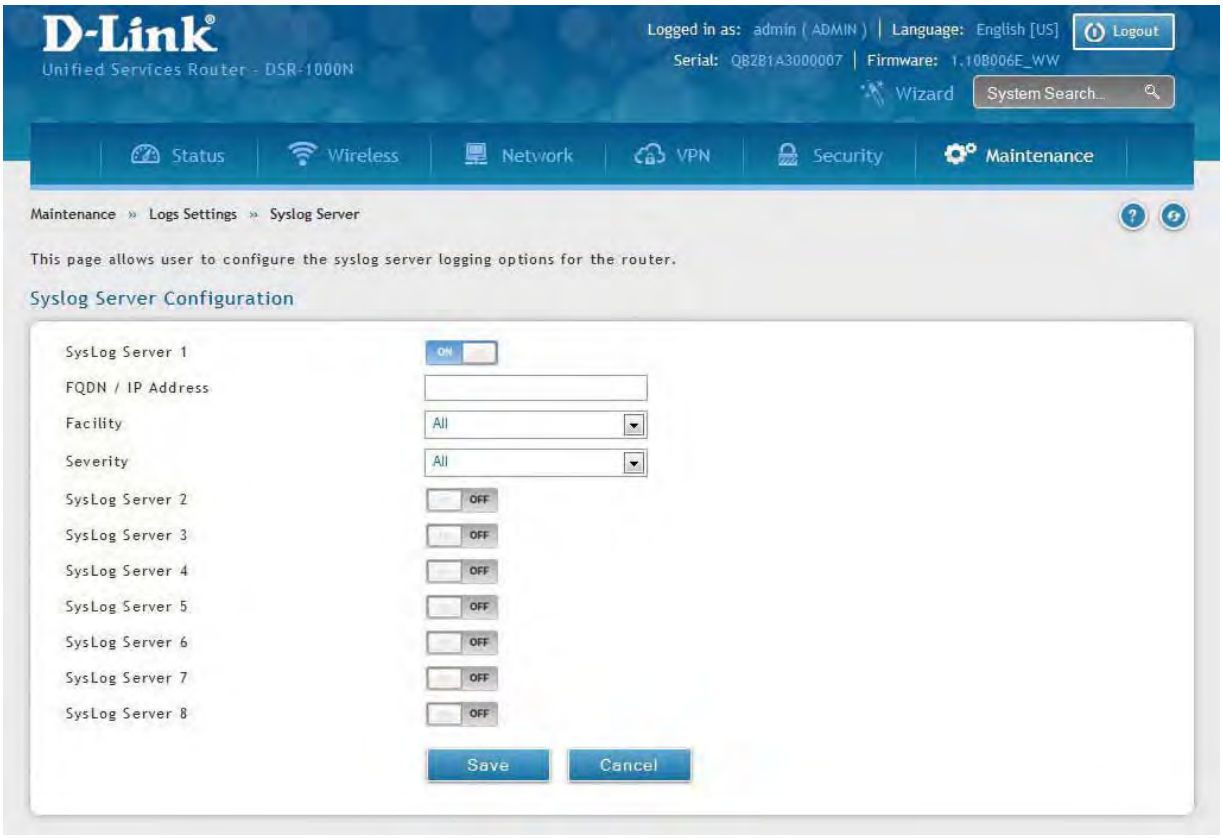
Syslog Server

Path: Maintenance > Logs Settings > Syslog Server

An external Syslog server is often used to collect and store logs from the router. This remote device typically has less memory constraints than the local Event Viewer on the router. Therefore, a number of logs can be collected over a sustained period. This is useful for debugging network issues or to monitor router traffic over a long duration.

The router supports eight concurrent Syslog servers. Each server can be configured to receive different log facility messages of varying severity using the Remote Logs page. This page also lets you send configuration logs to three email recipients.

1. Click **Maintenance** > **Log Settings** > **Syslog Server**.



2. Complete the fields from the table on the next page and click **Save**.

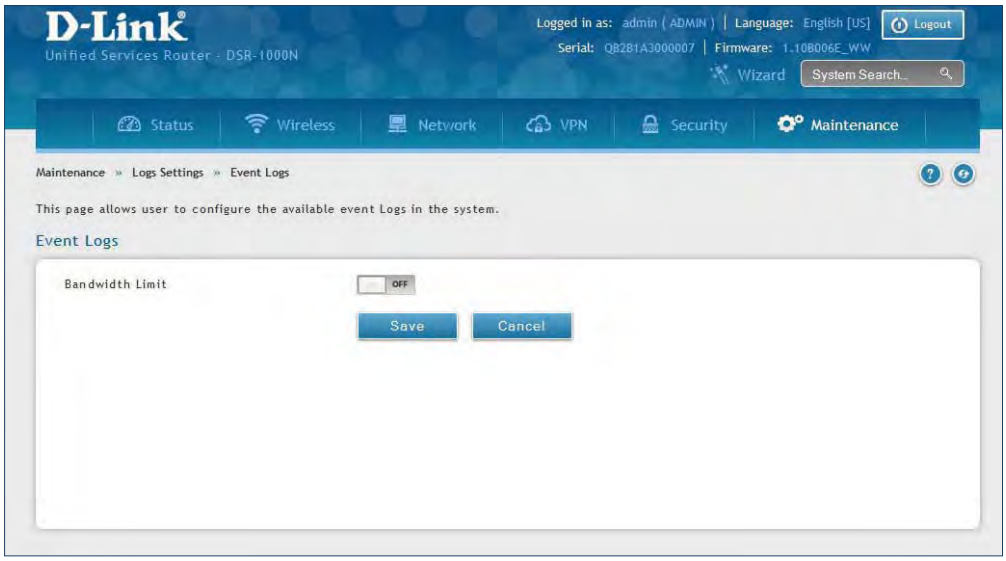
Field	Description
Syslog Server 1	Toggle to **ON** to setup a Syslog server.
FQDN / IP Address	Enter the IP address or Internet Name of the Syslog server.
Facility	Select which facility you want to log. Refer to "Defining What to Log" on page 191 for definitions.
Severity	Select the severity level you want to log. Refer to "Defining What to Log" on page 191 for definitions.
Syslog Server 2-8	Toggle to **ON** to setup another Syslog server. Repeat the fields above for each server you want to setup.
Save	Click to save and activate your settings.

Event Logs

Path: Maintenance > Logs Settings > Event Logs

The router's web management interface displays configured log messages from the Status menu. When traffic through or to the router matches settings in the Facility Logs page or Routing Logs page, the corresponding log message will appear in this window with a timestamp.

1. Click **Maintenance** > **Log Settings** > **Event Logs**.



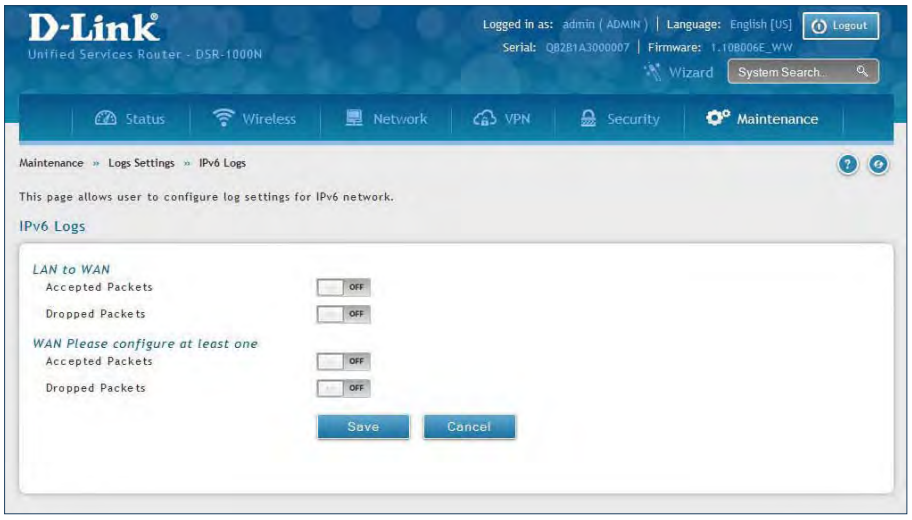
2. Toggle to **ON** and click **Save**.

IPv6 Logs

Path: Maintenance > Logs Settings > IPv6 Logs

This page allows you to configure what IPv6 events you want to log.

1. Click **Maintenance** > **Log Settings** > **IPv6 Logs**.



2. Complete the fields from the table below and click **Save**.

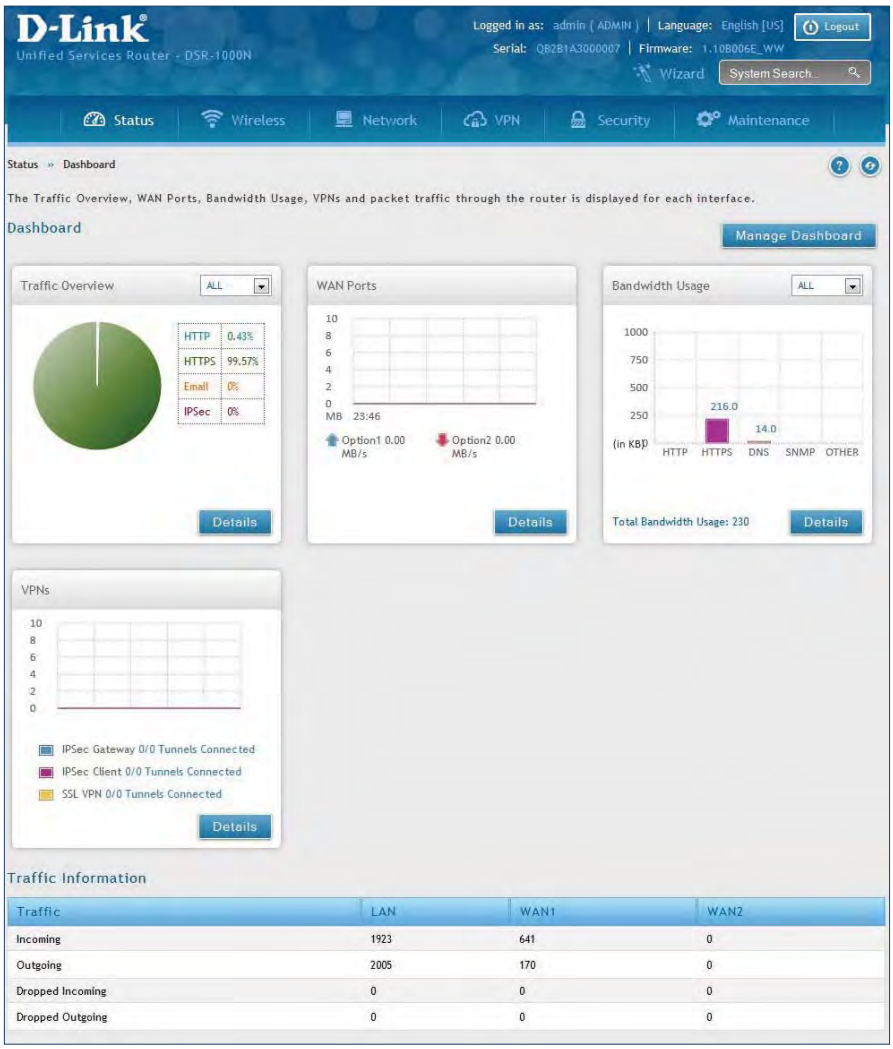
Field	Description
LAN to WAN	
Accepted Packets	Toggle to **ON** to log accepted packets.
Dropped Packets	Toggle to **ON** to log dropped packets.
WAN	
Accepted Packets	Toggle to **ON** to log accepted packets.
Dropped Packets	Toggle to **ON** to log dropped packets.
Save	Click to save and activate your settings.

Status and Statistics

Dashboard

Path: Status > Dashboard

The router provides a dashboard that displays about the resources the system is using. The dashboard page is organized into the following sections:

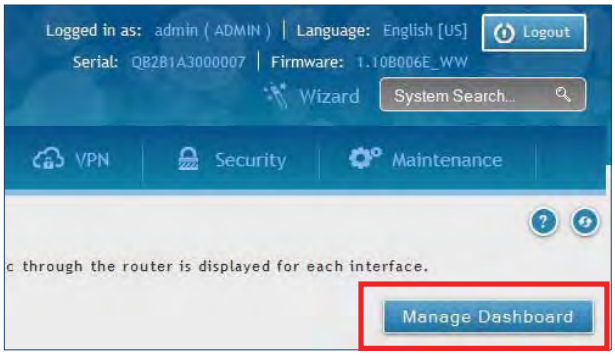


Field	Description
Traffic Overview	Displays a chart of traffic overview by service for each interface.
WAN Ports	Displays a chart of traffic overview by bandwidth and packet information for WAN traffic.
Bandwidth Usage	Displays bandwidth usage by network segment such as WAN or LAN. The data is broken into by applications service such as HTTP, HTTPS, DNS, SNMP, and others.
VPNs	Displays a chart of VPN traffic by bandwidth and number of tunnels.
Traffic Information	Displays a grid of traffic statistics for each interface.

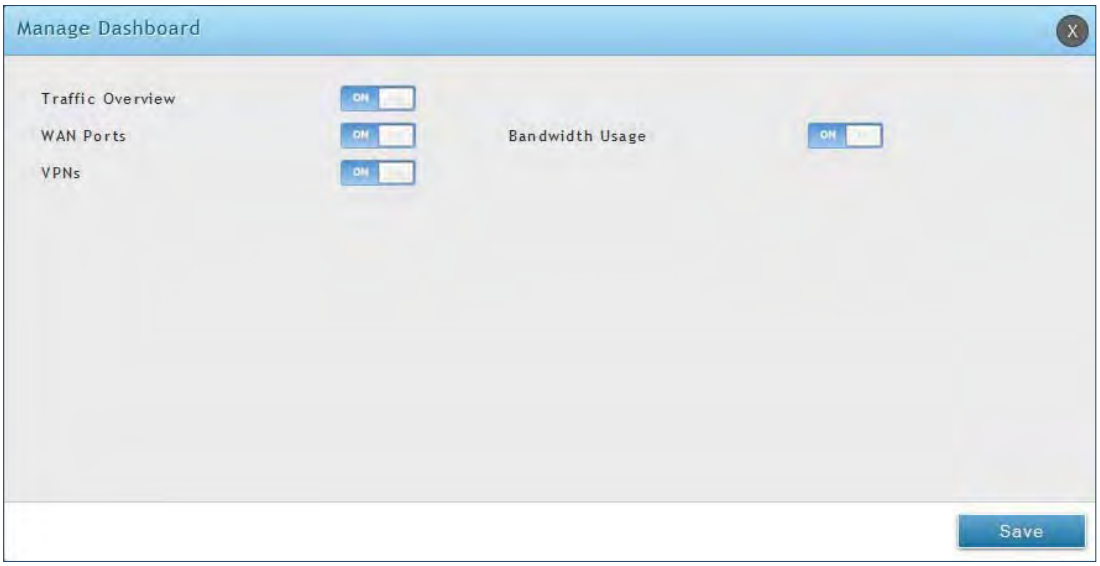
Manage Dashboard

To manage the dashboard:

1. Click on the **Manage Dashboard** button.



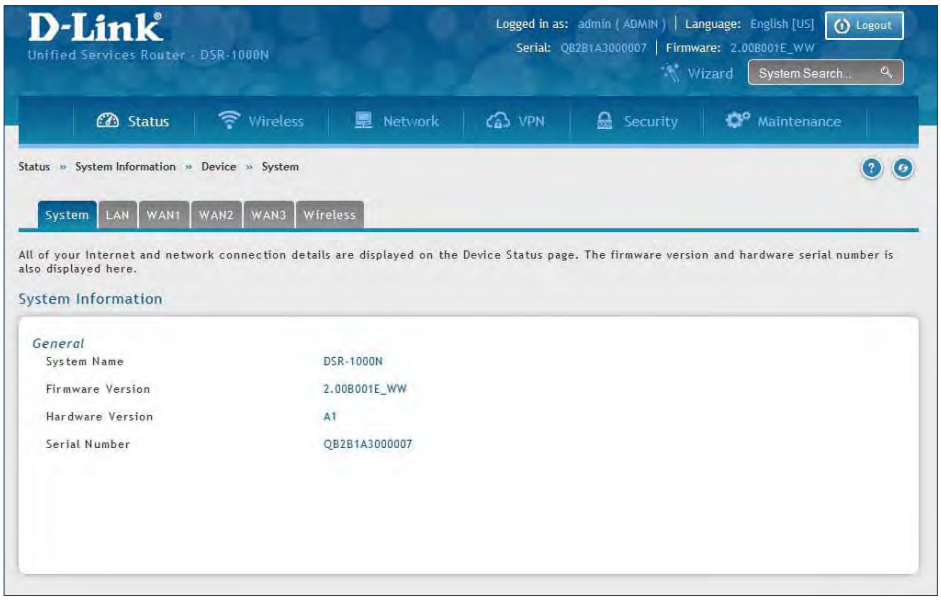
2. The following window will pop out and allow you to enable or disable the overview panels shown on the dashboard. Toggle the panel to **ON** or **OFF** and click **Save**.



System

Path: Status > System Information > Device > System

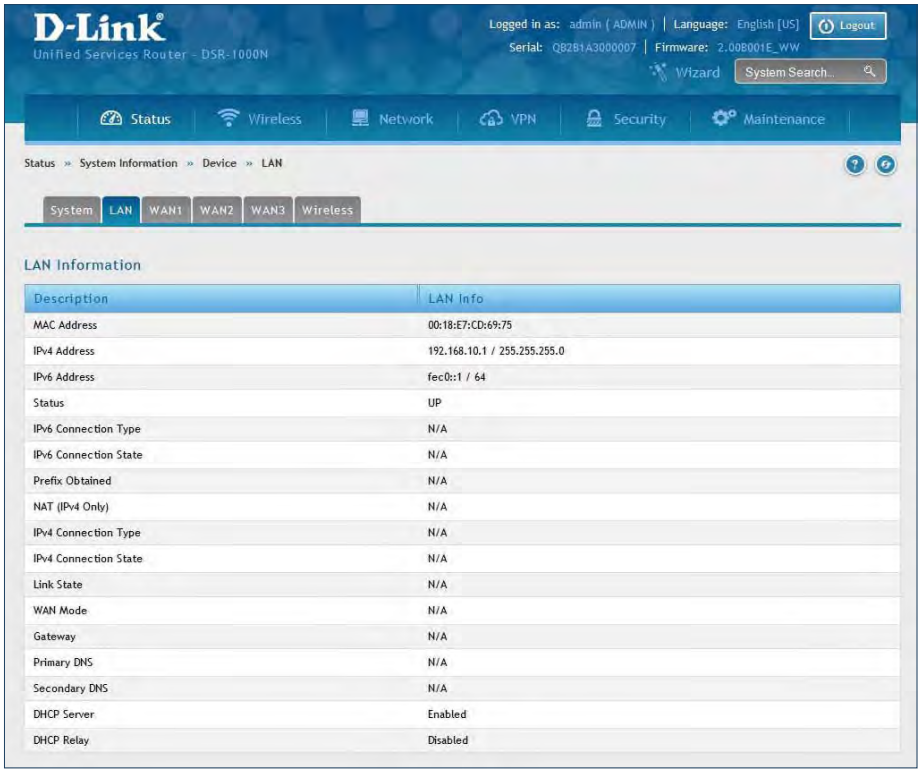
The System Info page displays the current system name, firmware version, hardware version, and serial number.



LAN Info

Path: Status > System Information > Device > LAN

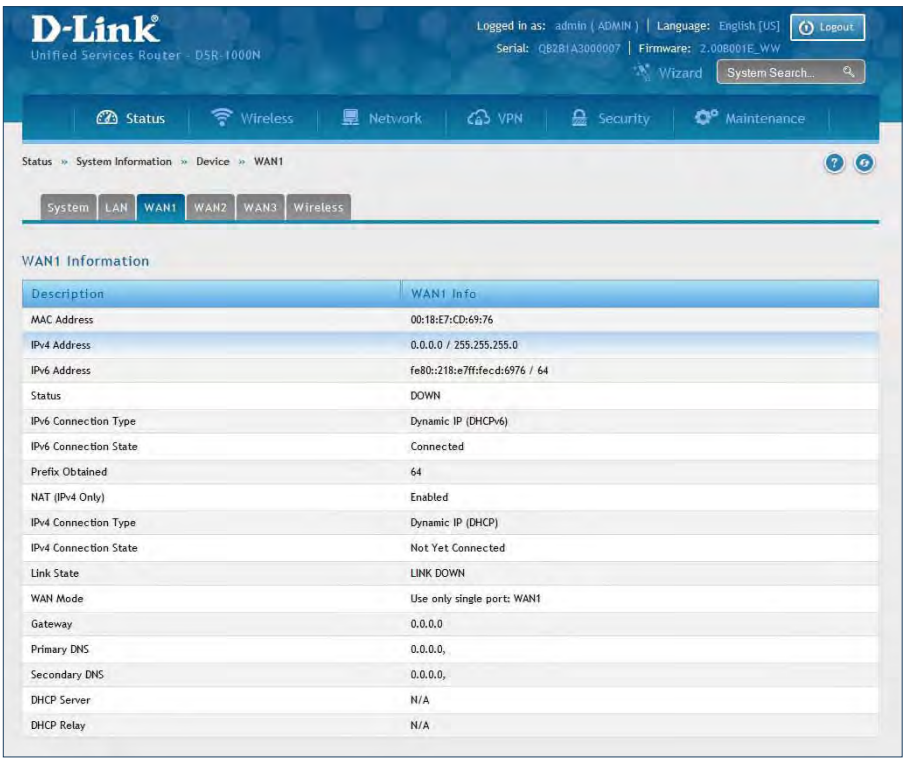
The LAN Information page summarizes the LAN settings including MAC address, IP address, and link state.



WAN1

Path: Status > System Information > Device > WAN1

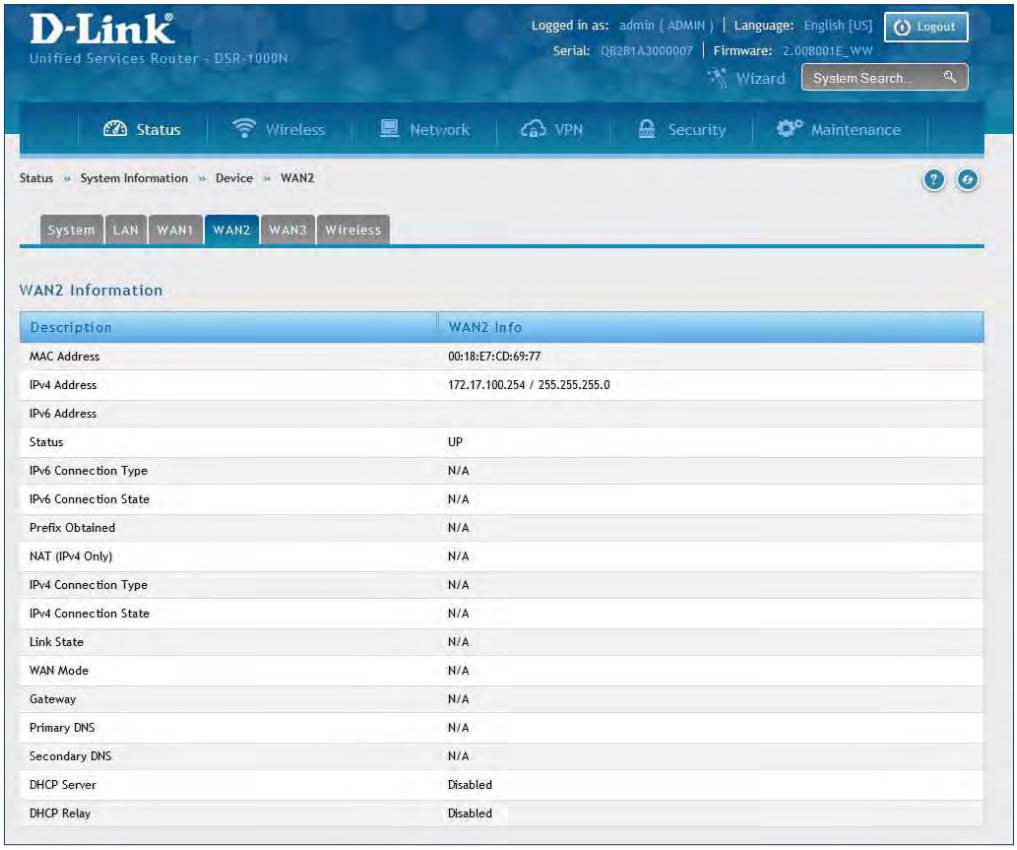
The WAN1 Information page summarizes the WAN1 port settings.



WAN2

Path: Status > System Information > Device > WAN2

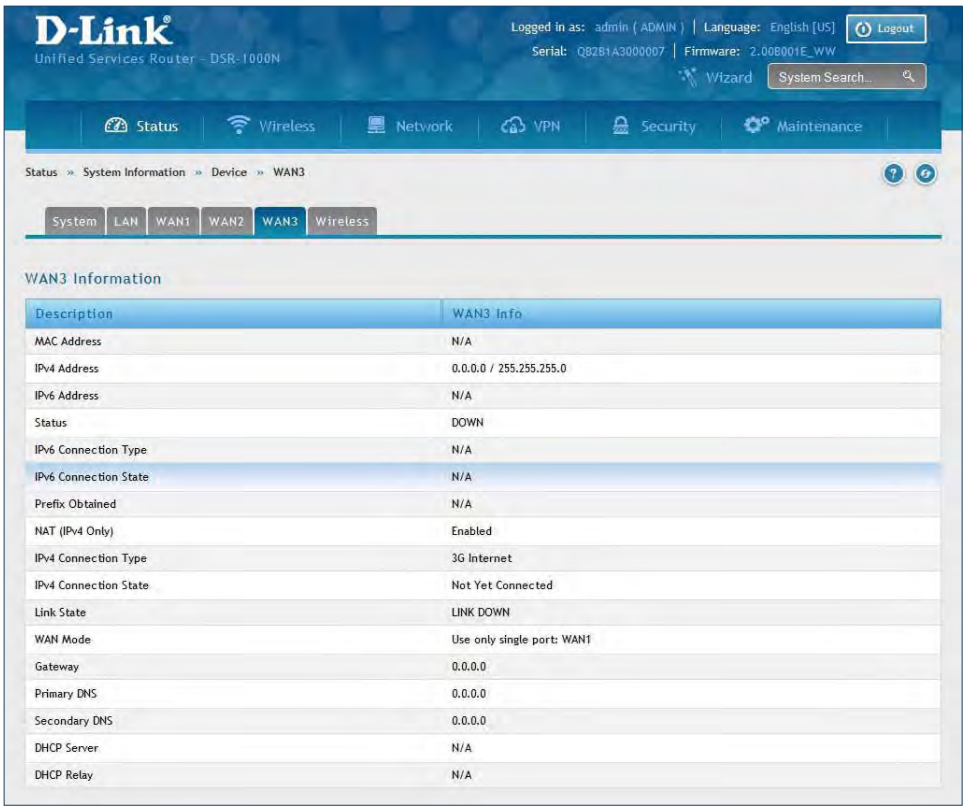
The WAN2 Information page summarizes the WAN2 port settings.



WAN3

Path: Status > System Information > Device > WAN3

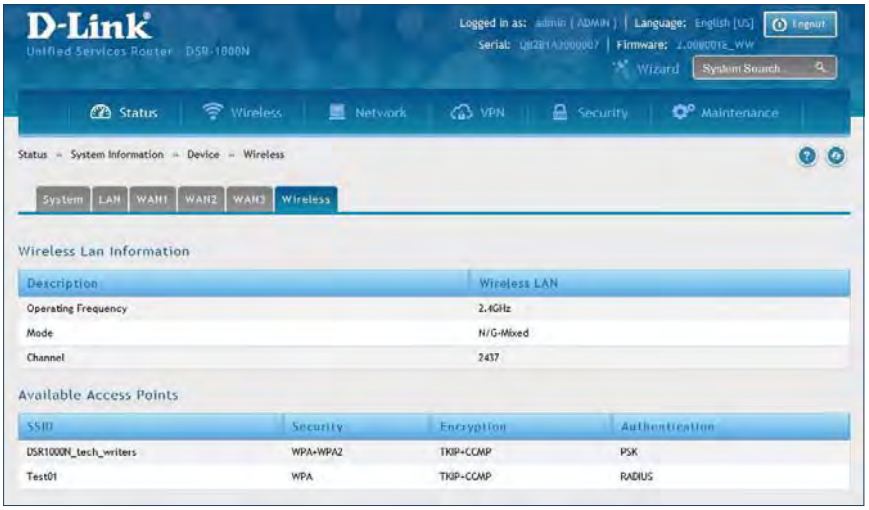
The WAN3 Information page summarizes the WAN3 settings.



Wireless

Path: Status > System Information > Device > Wireless

The Wireless Information page displays traffic statistics for each enabled access point. This page will give a snapshot of how much traffic is being transmitted over each wireless link.

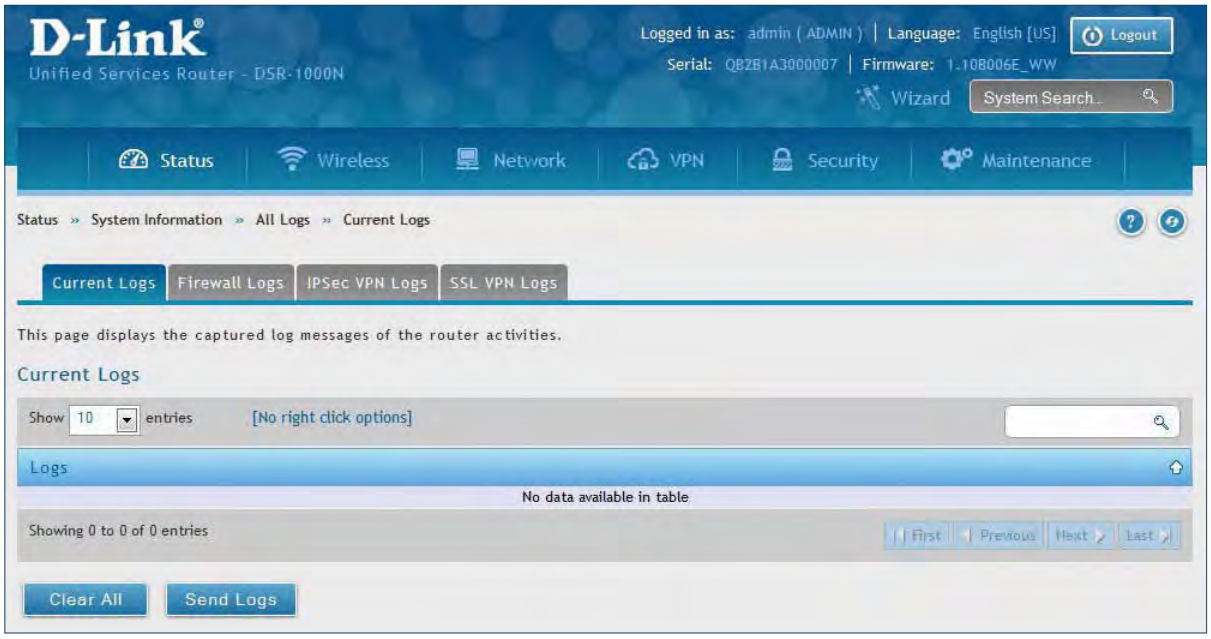


All Logs
Current Logs

Path: Status > System Information > All Logs > Current Logs

The Current Logs window displays configured log messages from the router as they appear. Each log will appear with a timestamp as determined by the router's configured time. If remote logging such as a Syslog server or e-mail logging is configured, the same logs are sent to the remote interface while being displayed here.

Click **Clear All** to remove all entries in the Display Logs screen or click **Send Logs** to send all logs in the Current Logs screen to preconfigured e-mail recipients.

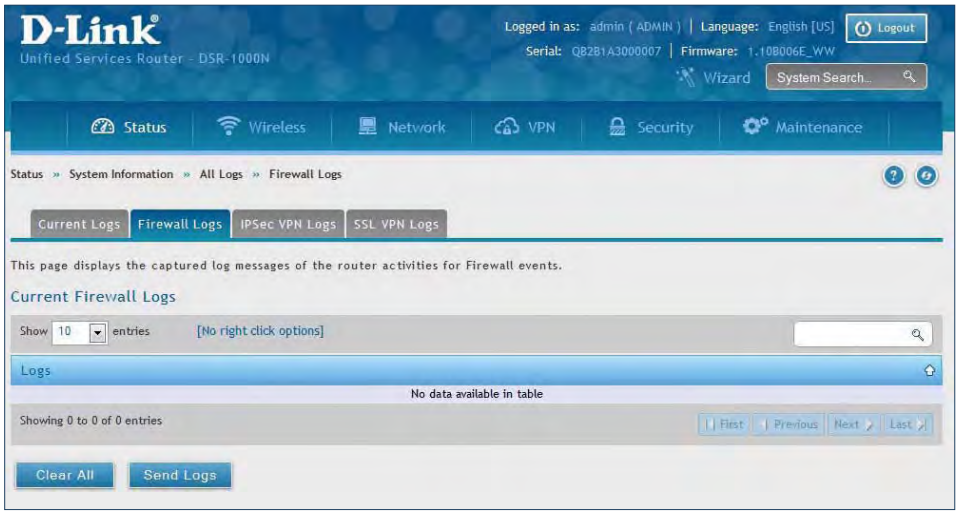


Firewall Logs

Path: Status > System Information > All Logs > Firewall Logs

The Firewall Logs window displays configured firewall event messages from the router as they appear. Each log will appear with a timestamp as determined by the router's configured time.

Click **Clear All** to remove all entries in the Display Logs screen or click **Send Logs** to send all logs in the Current Logs screen to preconfigured e-mail recipients.

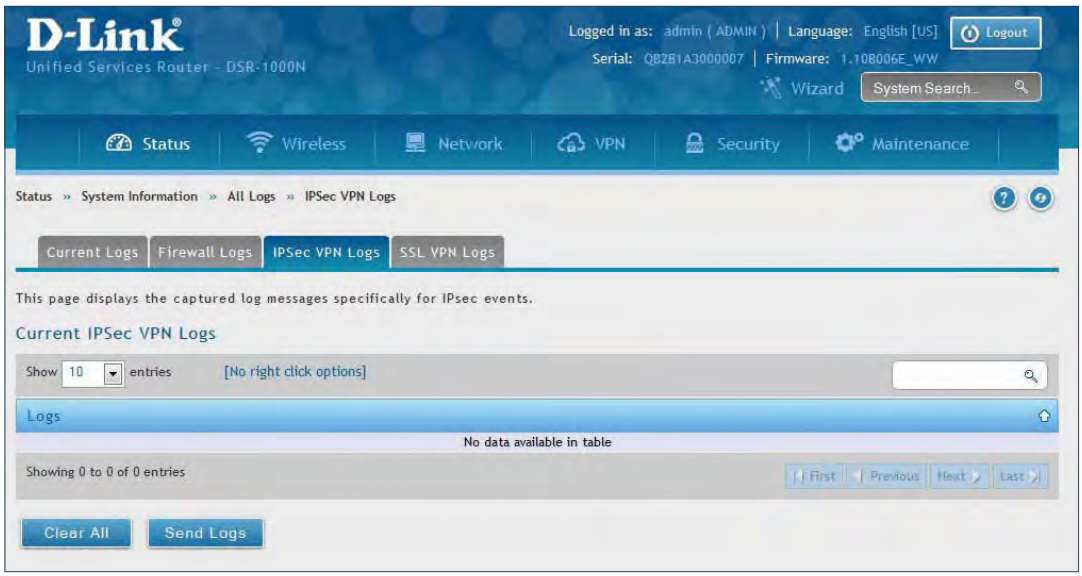


IPSec VPN Logs

Path: Status > System Information > All Logs > IPSec VPN Logs

The IPSec VPN Logs window displays IPSec VPN event messages from the router as they appear. Each log will appear with a timestamp as determined by the router's configured time.

Click **Clear All** to remove all entries in the Display Logs screen or click **Send Logs** to send all logs in the Current Logs screen to preconfigured e-mail recipients.

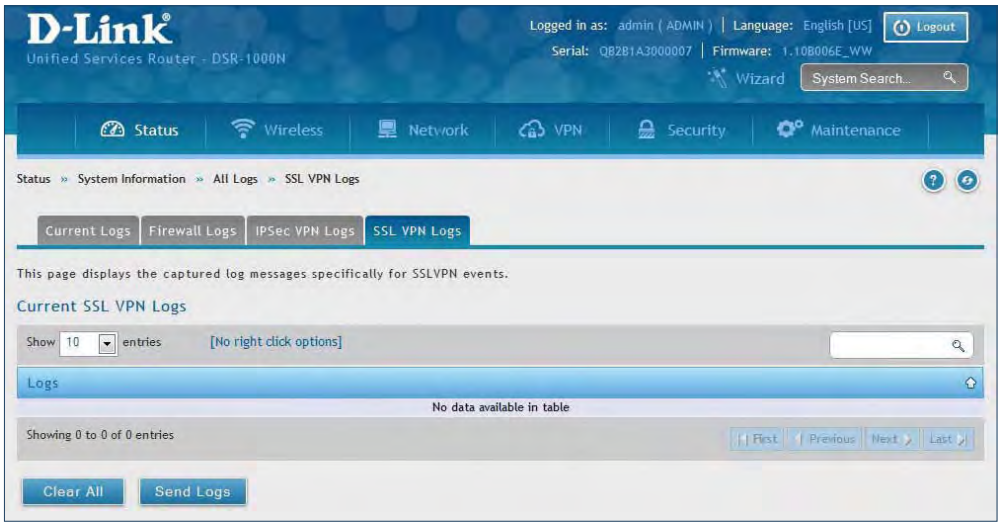


SSL VPN Logs

Path: Status > System Information > All Logs > SSL VPN Logs

The SSL VPN Logs window displays SSL VPN event messages from the router as they appear. Each log will appear with a timestamp as determined by the router's configured time.

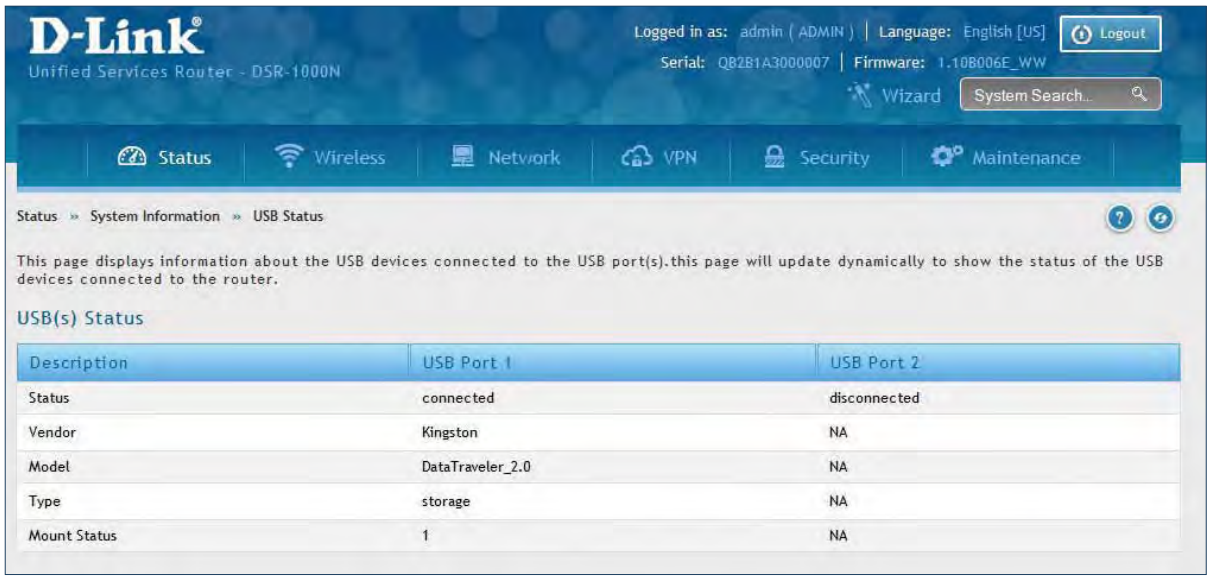
Click **Clear All** to remove all entries in the Display Logs screen or click **Send Logs** to send all logs in the Current Logs screen to preconfigured e-mail recipients.



USB Status

Path: Status > System Information > USB Status

The USB Status page summarizes the USB devices connected to the router. You may connect USB printer and USB storage device directly to the router.



Network Information
DHCP Leased Clients

Path: Status > Network Information > DHCP Clients

Three separated tabs display a list of clients whom get IP leased from the router: LAN leased clients, IPv6 leased clients, and DMZ leased clients.

LAN Leased Clients

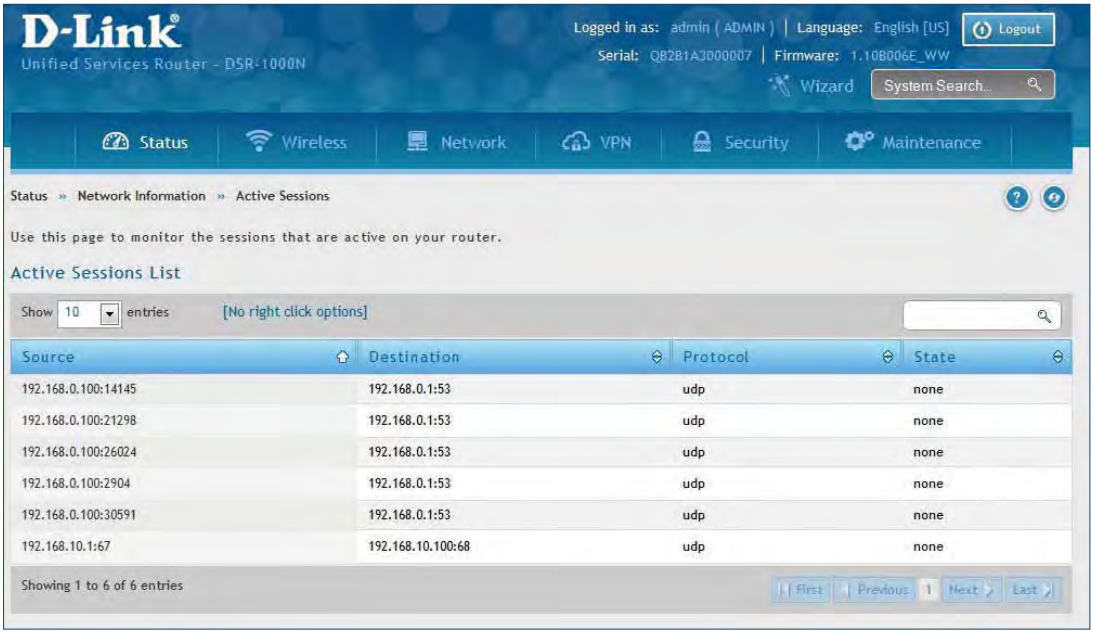
IPv6 Leased Clients

DMZ Leased Clients

Active Sessions

Path: Status > Network Information > Active Sessions

This table lists the active internet sessions through the router's firewall. The session's protocol, state, local, and remote IP addresses are shown.



Active VPNs

Path: Status > Network Information > Active VPNs

You can view and change the status (connect or drop) of the router's VPN associations/connections. Here, the active VPN associations/connections are listed along with the traffic details and tunnel state. The traffic is a cumulative measure of transmitted/received packets since the tunnel was established.

IPSec SAs

SSL VPN Connections

PPTP VPN Connections

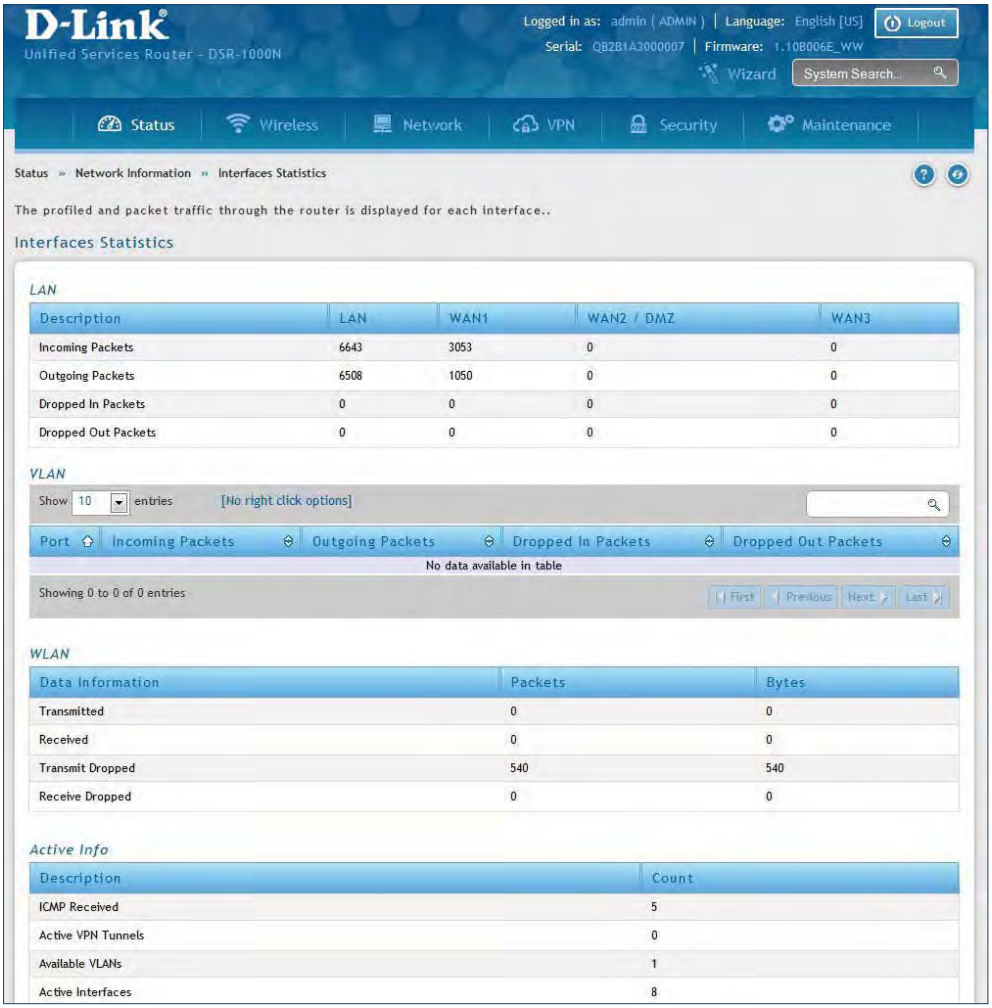
OpenVPN Connections

L2TP VPN Connections

Interface Statistics

Path: Status > Network Information > Interfaces Statistics

This page displays packet information on the LAN, VLAN, and WLAN interfaces.



View Wireless Clients

Path: Status > Network Information > Wireless Clients

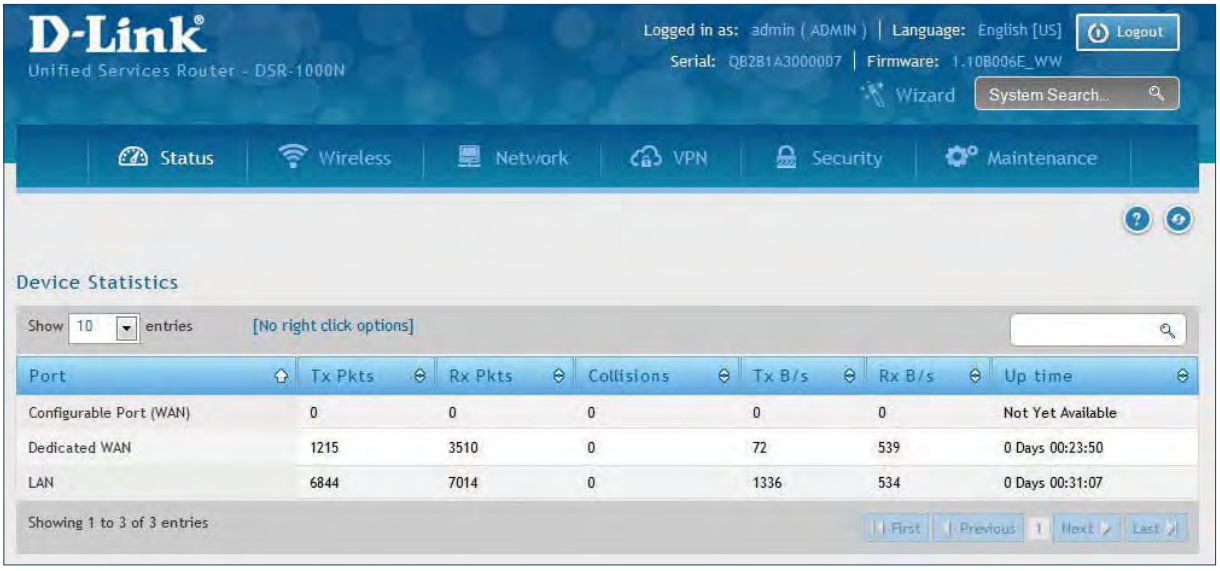
The clients connected to a particular AP can be viewed on this page. Connected clients are sorted by the MAC address and indicate the security parameters used by the wireless link, as well as the time connected to the corresponding AP. The statistics table has auto-refresh control which allows display of the most current port level data at each page refresh. The default auto-refresh for this page is 10 seconds.

Device Stats

Path: Status > Network Information > Device Stats

Detailed transmit and receive statistics for each physical port are presented here. Each interface (WAN1, WAN2/DMZ, LAN, and VLANs) have port specific packet level information provided for review. Transmitted/received packets, port collisions, and the cumulating bytes/sec for transmit/receive directions are provided for each interface along with the port up time. If you suspect issues with any of the wired ports, this table will help diagnose uptime or transmit level issues with the port.

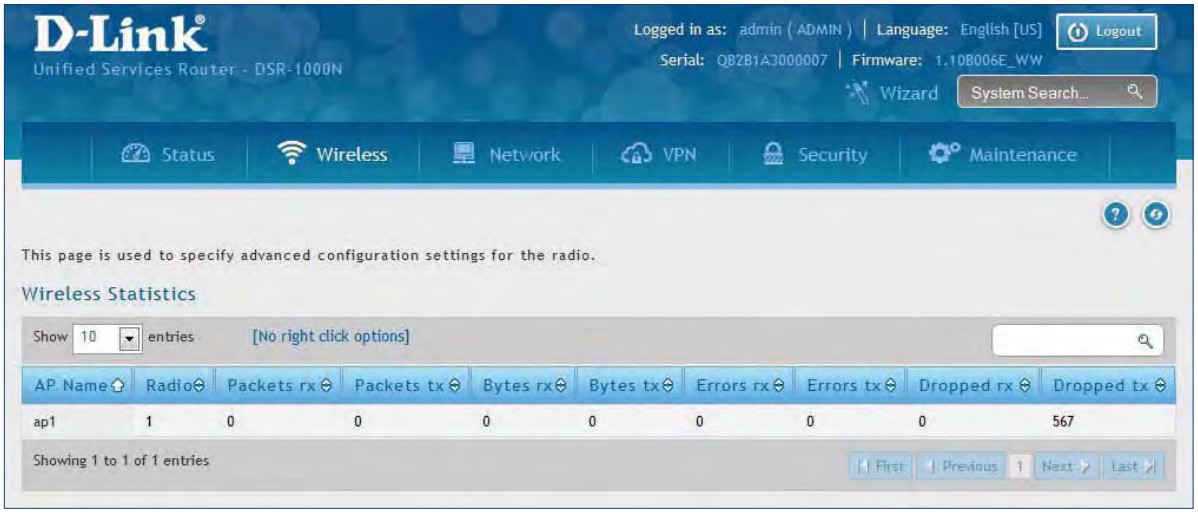
The statistics table has auto-refresh control which allows display of the most current port level data at each page refresh. The default auto-refresh for this page is 10 seconds.



Wireless Statistics

Path: Status > Network Information > Wireless Statistics

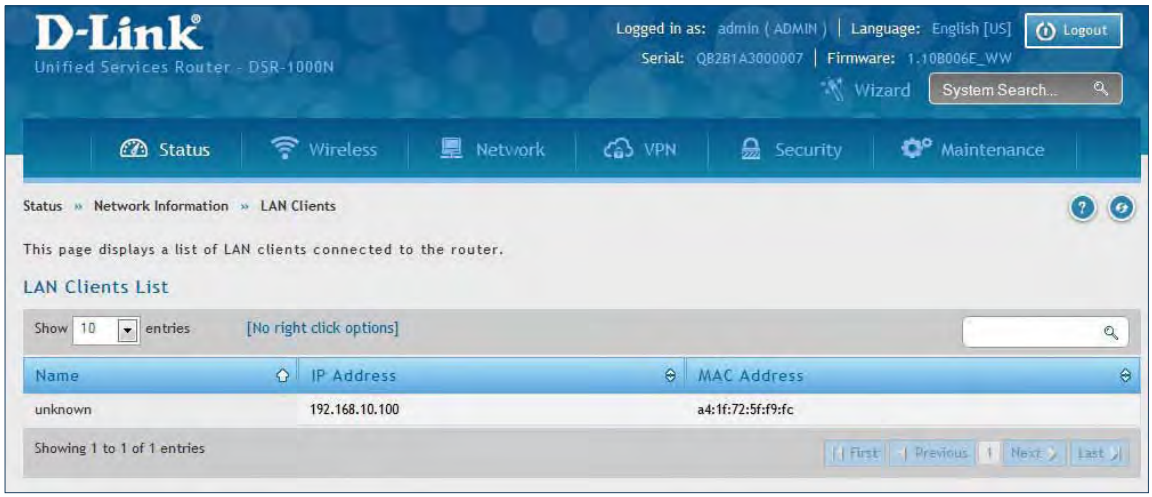
The Wireless Statistics page displays the incrementing traffic statistics for each enabled access point. This page will give a snapshot of how much traffic is being transmitted over each wireless link. If you suspect that a radio or VAP may be down, the details on this page would confirm if traffic is being sent and received through the VAP.



View LAN Clients

Path: Status > Network Information > LAN Clients

The LAN clients to the router are identified by an ARP scan through the LAN switch. The NetBIOS name (if available), IP address, and MAC address of discovered LAN hosts are displayed.



Troubleshooting

Internet Connection

Symptom: You cannot access the router's web-configuration interface from a PC on your LAN.

Recommended action:

1. Check the Ethernet connection between the PC and the router.
2. Ensure that your PC's IP address is on the same subnet as the router. If you are using the recommended addressing scheme, your PC's address should be in the range 192.168.10.2 to 192.168.10.254.
3. Check your PC's IP address. If the PC cannot reach a DHCP server, some versions of Windows and Mac OS generate and assign an IP address. These auto-generated addresses are in the range 169.254.x.x. If your IP address is in this range, check the connection from the PC to the firewall and reboot your PC.
4. If your router's IP address has changed and you don't know what it is, reset the router configuration to factory defaults (this sets the firewall's IP address to 192.168.10.1).
5. If you do not want to reset to factory default settings and lose your configuration, reboot the router and use a packet sniffer (such as Ethereal™) to capture packets sent during the reboot. Look at the Address Resolution Protocol (ARP) packets to locate the router's LAN interface address.
6. Launch your browser and ensure that Java, JavaScript, or ActiveX is enabled. If you are using Internet Explorer, click **Refresh** to ensure that the Java applet is loaded. Close the browser and launch it again.
7. Ensure that you are using the correct login information. The factory default login name is admin and the password is password. Ensure that CAPS LOCK is off when entering this information.

Symptom: Router does not save configuration changes.

Recommended action:

1. When entering configuration settings, click **Apply** before moving to another menu or tab; otherwise your changes are lost.
2. Click **Refresh** or **Reload** in the browser. Your changes may have been made, but the browser may be caching the old configuration.

Symptom: Router cannot access the Internet.

Possible cause: If you use dynamic IP addresses, your router may not have requested an IP address from the ISP.

Recommended action:

1. Launch your browser and go to an external site such as www.google.com.
2. Access the firewall's configuration main menu at http://192.168.10.1.
3. Select Monitoring > Router Status.
4. Ensure that an IP address is shown for the WAN port. If 0.0.0.0 is shown, your firewall has not obtained an IP address from your ISP. See the next symptom.

Symptom: Router cannot obtain an IP address from the ISP.

Recommended action:

1. Turn off power to the cable or DSL modem.
2. Turn off the router.
3. Wait five minutes, and then reapply power to the cable or DSL modem.
4. When the modem LEDs indicate that it has resynchronized with the ISP, reapply power to the router. If the router still cannot obtain an ISP address, see the next symptom.

Symptom: Router still cannot obtain an IP address from the ISP.

Recommended action:

1. Ask your ISP if it requires a login program — PPP over Ethernet (PPPoE) or some other type of login.
2. If yes, verify that your configured login name and password are correct.
3. Ask your ISP if it checks for your PC's hostname.
4. If yes, select Network Configuration > WAN Settings > Ethernet ISP Settings and set the account name to the PC hostname of your ISP account.
5. Ask your ISP if it allows only one Ethernet MAC address to connect to the Internet, and therefore checks for your PC's MAC address.
6. If yes, inform your ISP that you have bought a new network device, and ask them to use the firewall's MAC address.
7. Alternatively, select Network Configuration > WAN Settings > Ethernet ISP Settings and configure your router to spoof your PC's MAC address.

Symptom: Router can obtain an IP address, but PC is unable to load Internet pages.

Recommended action:

1. Ask your ISP for the addresses of its designated Domain Name System (DNS) servers. Configure your PC to recognize those addresses. For details, see your operating system documentation.
2. On your PC, configure the router to be its TCP/IP gateway.

Date and time

Symptom: Date shown is January 1, 1970.

Possible cause: The router has not yet successfully reached a network time server (NTS).

Recommended action:

1. If you have just configured the router, wait at least five minutes, select Administration > Time Zone, and recheck the date and time.
2. Verify your Internet access settings.

Symptom: Time is off by one hour.

Possible cause: The router does not automatically adjust for Daylight Savings Time.

Recommended action:

1. Select Administration > Time Zone and view the current date and time settings.
2. Click to check or uncheck "Automatically adjust for Daylight Savings Time", then click **Apply**.

Pinging to Test LAN Connectivity

Most TCP/IP terminal devices and firewalls contain a ping utility that sends an ICMP echo-request packet to the designated device. The DSR responds with an echo reply. Troubleshooting a TCP/IP network is made very easy by using the ping utility in your PC or workstation.

Testing the LAN path from your PC to your router

1. From the PC's Windows toolbar, Click **Start** and in the search box at the bottom, type **cmd** and press **Enter**.
2. At the prompt, type **ping <IP_address>** where <IP_address> is the router's IP address. Example: ping 192.168.10.1.
3. Press **Enter**.
4. Observe the display:
   - If the path is working, you will see this message sequence:

     Pinging <IP address> with 32 bytes of data
     Reply from <IP address>: bytes=32 time=NN ms TTL=xxx

   - If the path is not working, you will see this message sequence:

     Pinging <IP address> with 32 bytes of data
     Request timed out

5. If the path is not working, Test the physical connections between PC and router:
   - If the LAN port LED is off, go to the "LED displays" section on your Install Guide and follow instructions for "LAN or Internet port LEDs are not lit."
   - Verify that the corresponding link LEDs are lit for your network interface card and for any hub ports that are connected to your workstation and firewall.

6. If the path is still not up, test the network configuration:
   - Verify that the Ethernet card driver software and TCP/IP software are installed and configured on the PC.
   - Verify that the IP address for the router and PC are correct and on the same subnet.

Testing the LAN path from your PC to a remote device

1. From the PC's Windows toolbar, Click **Start** and in the search box at the bottom, type **cmd** and press **Enter**.
2. Type **ping -n 10 <IP_address>** where -n 10 specifies a maximum of 10 tries and <IP address> is the IP address of a remote device such as your ISP's DNS server. Example: ping -n 10 10.1.1.1.
3. Press **Enter** and then observe the display (see the previous procedure).
4. If the path is not working, do the following:
   - Check that the PC has the IP address of your firewall listed as the default gateway. (If the IP configuration of your PC is assigned by DHCP, this information is not visible in your PC's Network Control Panel.)
   - Verify that the network (subnet) address of your PC is different from the network address of the remote device.
   - Verify that the cable or DSL modem is connected and functioning.
   - Ask your ISP if it assigned a hostname to your PC. If yes, select Network Configuration > WAN Settings > Ethernet ISP Settings and enter that hostname as the ISP account name.
   - Ask your ISP if it rejects the Ethernet MAC addresses of all but one of your PCs.

   Many broadband ISPs restrict access by allowing traffic from the MAC address of only your broadband modem; but some ISPs additionally restrict access to the MAC address of just a single PC connected to that modem. If this is the case, configure your firewall to clone or spoof the MAC address from the authorized PC.

Restoring factory-default configuration settings

To restore factory-default configuration settings, do either of the following:

1. Do you know the account password and IP address?
    - If yes, select Administration > Settings Backup & Upgrade and click default.
    - If no, do the following:

      On the rear panel of the router, press and hold the Reset button about 10 seconds, until the test LED lights and then blinks. Release the button and wait for the router to reboot.
2. If the router does not restart automatically; manually restart it to make the default settings effective.
3. After a restore to factory defaults —whether initiated from the configuration interface or the Reset button — the following settings apply:
    - LAN IP address: 192.168.10.1
    - Username: admin
    - Password: admin
    - DHCP server on LAN: enabled
    - WAN port configuration: Get configuration via DHCP

Appendix A - Glossary

ARP	Address Resolution Protocol. Broadcast protocol for mapping IP addresses to MAC addresses.
CHAP	Challenge-Handshake Authentication Protocol. Protocol for authenticating users to an ISP.
DDNS	Dynamic DNS. System for updating domain names in real time. Allows a domain name to be assigned to a device with a dynamic IP address.
DHCP	Dynamic Host Configuration Protocol. Protocol for allocating IP addresses dynamically so that addresses can be reused when hosts no longer need them.
DNS	Domain Name System. Mechanism for translating H.323 IDs, URLs, or e-mail IDs into IP addresses. Also used to assist in locating remote gatekeepers and to map IP addresses to hostnames of administrative domains.
FQDN	Fully qualified domain name. Complete domain name, including the host portion. Example: serverA.companyA.com.
FTP	File Transfer Protocol. Protocol for transferring files between network nodes.
HTTP	Hypertext Transfer Protocol. Protocol used by web browsers and web servers to transfer files.
IKE	Internet Key Exchange. Mode for securely exchanging encryption keys in ISAKMP as part of building a VPN tunnel.
IPsec	IP security. Suite of protocols for securing VPN tunnels by authenticating or encrypting IP packets in a data stream. IPsec operates in either transport mode (encrypts payload but not packet headers) or tunnel mode (encrypts both payload and packet headers).
ISAKMP	Internet Key Exchange Security Protocol. Protocol for establishing security associations and cryptographic keys on the Internet.
ISP	Internet service provider.
MAC Address	Media-access-control address. Unique physical-address identifier attached to a network adapter.
MTU	Maximum transmission unit. Size, in bytes, of the largest packet that can be passed on. The MTU for Ethernet is a 1500-byte packet.
NAT	Network Address Translation. Process of rewriting IP addresses as a packet passes through a router or firewall. NAT enables multiple hosts on a LAN to access the Internet using the single public IP address of the LAN's gateway router.
NetBIOS	Microsoft Windows protocol for file sharing, printer sharing, messaging, authentication, and name resolution.
NTP	Network Time Protocol. Protocol for synchronizing a router to a single clock on the network, known as the clock master.
PAP	Password Authentication Protocol. Protocol for authenticating users to a remote access server or ISP.

PPPoE	Point-to-Point Protocol over Ethernet. Protocol for connecting a network of hosts to an ISP without the ISP having to manage the allocation of IP addresses.
PPTP	Point-to-Point Tunneling Protocol. Protocol for creation of VPNs for the secure transfer of data from remote clients to private servers over the Internet.
RADIUS	Remote Authentication Dial-In User Service. Protocol for remote user authentication and accounting. Provides centralized management of usernames and passwords.
RSA	Rivest-Shamir-Adleman. Public key encryption algorithm.
TCP	Transmission Control Protocol. Protocol for transmitting data over the Internet with guaranteed reliability and in-order delivery.
UDP	User Data Protocol. Protocol for transmitting data over the Internet quickly but with no guarantee of reliability or in-order delivery.
VPN	Virtual private network. Network that enables IP traffic to travel securely over a public TCP/IP network by encrypting all traffic from one network to another. Uses tunneling to encrypt all information at the IP level.
WINS	Windows Internet Name Service. Service for name resolution. Allows clients on different IP subnets to dynamically resolve addresses, register themselves, and browse the network without sending broadcasts.
XAUTH	IKE Extended Authentication. Method, based on the IKE protocol, for authenticating not just devices (which IKE authenticates) but also users. User authentication is performed after device authentication and before IPsec negotiation.

Appendix B - Factory Default Settings

Feature	Description	Default Settings
Device Login	User Login URL	http://192.168.10.1
	User Name	admin
	Password	admin
Internet Connection	WAN MAC Address	Use default address
	WAN MTU size	1500
	Port Speed	Autosense
Local Area Network (LAN)	IP Address	192.168.10.1
	IPv4 Subnet Mask	255.255.255.0
	RIP Direction	None
	RIP Version	Disabled
	RIP Authentication	Disabled
	DHCP Server	Enabled
	DHCP Starting IP Address	192.168.10.2
	DHCP Ending IP Address	192.168.10.100
	Time Zone	GMT
	Daylight Saving Time	Disabled
	SNMP	Disabled
	Remote Management	Disabled
Firewall	Inbound Communication from Internet	Disabled (except Port 80 HTTP)
	Outbound Communication to Internet	Enabled (all)
	Source MAC Filtering	Disabled
	Stealth Mode	Enabled

Appendix C - Standard Services for Port Forwarding & Firewall Configuration

- ANY
- AIM
- BGP
- BOOTP_CLIENT
- BOOTP_SERVER
- CU-SEEME:UDP
- CU-SEEME:TCP
- DNS:UDP
- DNS:TCP
- FINGER
- FTP
- HTTP
- HTTPS
- ICMP-TYPE-3
- ICMP-TYPE-4
- ICMP-TYPE-5
- ICMP-TYPE-6
- ICMP-TYPE-7
- ICMP-TYPE-8
- ICMP-TYPE-9
- ICMP-TYPE-10
- ICMP-TYPE-11
- ICMP-TYPE-13
- ICQ
- IMAP2
- IMAP3
- IRC
- NEWS
- NFS
- NNTP
- PING
- POP3
- PPTP
- RCMD
- REAL-AUDIO
- REXEC
- RLOGIN
- RTELNET
- RTSP:TCP
- RTSP:UDP
- SFTP
- SMTP
- SNMP:TCP
- SNMP:UDP
- SNMP-TRAPS:TCP
- SNMP-TRAPS:UDP
- SQL-NET
- SSH:TCP
- SSH:UDP
- STRMWORKS
- TACACS
- TELNET
- TFTP
- VDOLIVE

Appendix D - Log Output Reference

Facility: System (Networking)

Log Message	Severity	Log Message	Severity
DBUpdate event: Table: %s opCode:%d rowId:%d	DEBUG	BridgeConfig: too few arguments to command %s	ERROR
networkIntable.txt not found	DEBUG	BridgeConfig: too few arguments to command %s	ERROR
sqlite3QueryResGet failed	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
Interface is already deleted in bridge	DEBUG	ddnsDisable failed	ERROR
removing %s from bridge %s... %s	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
adding %s to bridge %s... %s	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
stopping bridge...	DEBUG	ddnsDisable failed	ERROR
stopping bridge...	DEBUG	failed to call ddns enable	ERROR
stopping bridge...	DEBUG	ddnsDisable failed	ERROR
%s:DBUpdate event: Table: %s opCode:%d rowId:%d	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
Wan is not up	DEBUG	Error in executing DB update handler	ERROR
%s:DBUpdate event: Table: %s opCode:%d rowId:%d	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
doDNS:failed	DEBUG	Illegal invocation of ddnsView (%s)	ERROR
doDNS:failed	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
doDNS:Result = FAILED	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
doDNS:Result SUCCESS	DEBUG	ddns: SQL error: %s	ERROR
Write Old Entry: %s %s %s: to %s	DEBUG	Illegal operation interface got deleted	ERROR
Write New Entry: %s %s #%s : to %s	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
Write Old Entry: %s %s %s: to %s	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
Write New Entry: %s %s #%s : to %s	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
ifStaticMgmtDBUpdateHandler: returning with "	DEBUG	ddnsDisable failed	ERROR
nimfLinkStatusGet: buffer: \	DEBUG	ddns: SQL error: %s	ERROR
nimfLinkStatusGetErr: returning with status: %d	DEBUG	Failed to call ddns enable	ERROR
nimfAdvOptSetWrap: current Mac Option: %d	DEBUG	ddns: SQL error: %s	ERROR
nimfAdvOptSetWrap: current Port Speed Option: %d	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
nimfAdvOptSetWrap: current Mtu Option: %d	DEBUG	Failed to call ddns enable	ERROR

nimfAdvOptSetWrap: looks like we are reconnecting. “	DEBUG	ddns: SQL error: %s	ERROR
nimfAdvOptSetWrap: Mtu Size: %d	DEBUG	ddnsDisable failed	ERROR
nimfAdvOptSetWrap: NIMF table is %s	DEBUG	ddns: SQL error: %s	ERROR
nimfAdvOptSetWrap:WAN_MODE TRIGGER	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
nimfAdvOptSetWrap: MTU: %d	DEBUG	Failed to call ddns enable	ERROR
nimfAdvOptSetWrap: MacAddress: %s	DEBUG	ddns: SQL error: %s	ERROR
nimfAdvOptSetWrap: old Mtu Flag: %d	DEBUG	ddnsDisable failed	ERROR
nimfAdvOptSetWrap: user has changed MTU option	DEBUG	ddns: SQL error: %s	ERROR
nimfAdvOptSetWrap: MTU: %d	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
nimfAdvOptSetWrap: old MTU size: %d	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
nimfAdvOptSetWrap: old Port Speed Option: %d	DEBUG	ddnsDisable failed	ERROR
nimfAdvOptSetWrap: old Mac Address Option: %d	DEBUG	ddns: SQL error: %s	ERROR
nimfAdvOptSetWrap: MacAddress: %s	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
Setting LED [%d]:[%d] For %s	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
l2tpEnable: command string: %s	DEBUG	ddnsDisable failed	ERROR
nimfAdvOptSetWrap: handling reboot scenario	DEBUG	failed to call ddns enable	ERROR
nimfAdvOptSetWrap: INDICATOR = %d	DEBUG	ddns: SQL error: %s	ERROR
nimfAdvOptSetWrap: UpdateFlag: %d	DEBUG	ddnsDisable failed	ERROR
nimfAdvOptSetWrap: returning with status: %s	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
nimfGetUpdateMacFlag: MacTable Flag is: %d	DEBUG	Error in executing DB update handler	ERROR
nimfMacGet: Mac Option changed	DEBUG	Failed to open the resolv.conf file. Exiting./n	ERROR
nimfMacGet: Update Flag: %d	DEBUG	Could not write to the resolv.conf file. Exiting.	ERROR
nimfMacGet: MacAddress: %s	DEBUG	Error opening the lanUptime File	ERROR
nimfMacGet: MacAddress: %s	DEBUG	Error Opening the lanUptime File.	ERROR
nimfMacGet: MacAddress: %s	DEBUG	failed to open %s	ERROR
nimfMacGet: MacAddress: %s	DEBUG	failed to open %s	ERROR
nimfMacGet: MacAddress: %s	DEBUG	failed to query networkInterface table	ERROR
nimfMacGet:Mac option Not changed \	DEBUG	failed to query networkInterface table	ERROR
nimfMacGet: MacAddress: %s	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR

nimfMacGet: MacAddress: %s	DEBUG	failed to enable IPv6 forwarding	ERROR
nimfMacGet: MacAddress: %s	DEBUG	failed to set capabilities on the "	ERROR
nimfMacGet: returning with status: %s	DEBUG	failed to enable IPv6 forwarding	ERROR
Now in enableing LanBridge function	DEBUG	failed to set capabilities on the "	ERROR
sucessfully executed the command %s	DEBUG	failed to disable IPv6 forwarding	ERROR
Now in disableing LanBridge function	DEBUG	failed to set capabilities on the "	ERROR
sucessfully executed the command %s	DEBUG	failed to open %s	ERROR
configPortTblHandler:Now we are in Sqlite Update "	DEBUG	Could not create ISATAP Tunnel	ERROR
The Old Configuration of ConfiPort was:%s	DEBUG	Could not destroy ISATAP Tunnel	ERROR
The New Configuration of ConfiPort was:%s	DEBUG	Could not configure ISATAP Tunnel	ERROR
The user has deselected the configurable port	DEBUG	Could not de-configure ISATAP Tunnel	ERROR
failed query %s	DEBUG	nimfStatusUpdate: updating NimfStatus failed	ERROR
failed query %s	DEBUG	nimfStatusUpdate: updating NimfStatus failed	ERROR
failed query %s	DEBUG	nimfLinkStatusGet: determinig link's status failed	ERROR
%s:DBUpdate event: Table: %s opCode:%d rowId:%d	DEBUG	nimfLinkStatusGet: opening status file failed	ERROR
%s:DBUpdate event: Table: %s opCode:%d rowId:%d	DEBUG	Failed to commit	ERROR
%s:%d SIP ENABLE: %s	DEBUG	ifStatusDBUpdate: Failed to begin "	ERROR
sipTblHandler:failed to update ifStatic	DEBUG	%s: SQL error: %s	ERROR
sipTblHandler:failed to update Configport	DEBUG	%s: Failed to commit "	ERROR
%s:%d SIP DISABLE: %s	DEBUG	nimfNetIfaceTblHandler: unable to get LedPinId	ERROR
%s:%d SIP SET CONF: %s	DEBUG	nimfNetIfaceTblHandler: unable to get LedPinId	ERROR
Failed to open %s: %s	DEBUG	nimfNetIfaceTblHandler: unable to get LedPinId	ERROR
Failed to start sipalg	DEBUG	%s: unable to kill dhclient	ERROR
Failed to stop sipalg	DEBUG	nimfAdvOptSetWrap: unable to get current Mac Option	ERROR

Failed to get config info	DEBUG	nimfAdvOptSetWrap: unable to get current Port "	ERROR
Network Mask: 0x%x	DEBUG	nimfAdvOptSetWrap: unable to get current MTU Option	ERROR
RTP DSCP Value: 0x%x	DEBUG	nimfAdvOptSetWrap: error getting Mac Address from "	ERROR
Need more arguments	DEBUG	nimfAdvOptSetWrap: unable to get the MTU	ERROR
Invalid lanaddr	DEBUG	nimfAdvOptSetWrap: error setting interface advanced "	ERROR
Invalid lanmask	DEBUG	nimfAdvOptSetWrap: error getting MTU size	ERROR
Invalid option	DEBUG	nimfAdvOptSetWrap: unable to get Mac Address	ERROR
Failed to set config info	DEBUG	nimfAdvOptSetWrap: error setting interface advanced "	ERROR
Unknown option	DEBUG	nimfAdvOptSetWrap: failed to get old connectiontype	ERROR
sshdTblHandler	DEBUG	nimfAdvOptSetWrap: old connection type is: %s	ERROR
pPort: %s	DEBUG	nimfAdvOptSetWrap: failed to get old MTU Option	ERROR
pProtocol: %s	DEBUG	nimfAdvOptSetWrap: error getting MTU size	ERROR
pListerAddr: %s	DEBUG	nimfOldFieldValueGet: failed to get old "	ERROR
pKeyBits: %s	DEBUG	nimfOldFieldValueGet: user has changed MTU size	ERROR
pRootEnable: %s	DEBUG	nimfAdvOptSetWrap: failed to get old Port Speed "	ERROR
pRsaEnable: %s	DEBUG	nimfAdvOptSetWrap: user has changed Port Speed	ERROR
pDsaEnable: %s	DEBUG	nimfAdvOptSetWrap: failed to get old Mac Address "	ERROR
pPassEnable: %s	DEBUG	nimfAdvOptSetWrap: user has changed Mac Address "	ERROR
pEmptyPassEnable: %s	DEBUG	nimfAdvOptSetWrap: unable to get Mac Address	ERROR
pSftpEnable: %s	DEBUG	nimfAdvOptSetWrap:Failed to RESET the flag	ERROR
pScpEnable: %s	DEBUG	nimfAdvOptSetWrap: setting advanced options failed	ERROR
pSshdEnable: %s	DEBUG	nimfAdvOptSetWrap: interface advanced options applied	ERROR
pPrivSep: %s	DEBUG	nimfGetUpdateMacFlag: unable to get Flag from MacTable	ERROR
%s:DBUpdate event: Table: %s opCode:%d rowId:%d	DEBUG	nimfMacGet: Updating MAC address failed	ERROR
Re-Starting sshd daemon....	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
sshd re-started successfully.	DEBUG	error executing the command %s	ERROR
sshd stopped .	DEBUG	error executing the command %s	ERROR
failed query %s	DEBUG	error executing the command %s	ERROR

vlan disabled, not applying vlan configuration..	DEBUG	disableLan function is failed to disable ConfigPort"	ERROR
failed query %s	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
failed query %s	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
no ports present in this vlanId %d	DEBUG	Unable to Disable configurable port from	ERROR
failed query %s	DEBUG	configPortTblHandler has failed	ERROR
vlan disabled, not applying vlan configuration..	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
disabling vlan	DEBUG	Error in executing DB update handler	ERROR
enabling vlan	DEBUG	sqlite3QueryResGet failed	ERROR
vlan disabled, not applying vlan configuration..	DEBUG	Failed to execute switchConfig for port\	ERROR
no ports present in this vlanId %d	DEBUG	Failed to execute switchConfig for port enable	ERROR
failed query %s	DEBUG	Failed to execute ifconfig for port enable	ERROR
vlan disabled, not applying vlan configuration..	DEBUG	Failed to execute ethtool for\	ERROR
removing %s from bridge%s... %s	DEBUG	Failed to execute switchConfig for port disable	ERROR
adding %s to bridge%d... %s	DEBUG	Failed to execute ifconfig for port disable	ERROR
restarting bridge...	DEBUG	sqlite3QueryResGet failed	ERROR
[switchConfig] Ignoring event on port number %d	DEBUG	sqlite3_mprintf failed	ERROR
restarting bridge...	DEBUG	sqlite3QueryResGet failed	ERROR
executing %s ... %s	DEBUG	Failed to execute switchConfig for port mirroring	ERROR
removing %s from bridge%s... %s	DEBUG	Usage:%s <DB Name> <Entry Name> <logFile> <subject>	ERROR
adding %s to bridge%d... %s	DEBUG	sqlite3QueryResGet failed	ERROR
[switchConfig] Ignoring event on %s	DEBUG	Could not get all the required variables to email the Logs.	ERROR
restarting bridge...	DEBUG	runSmtpClient failed	ERROR
[switchConfig] Ignoring event on port number %d	DEBUG	getaddrinfo returned %s	ERROR
[switchConfig] executing %s ... %s	DEBUG	file not found	ERROR
restarting bridge...	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
UserName: %s	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
Password: %s	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
IspName: %s	DEBUG	No memory to allocate	ERROR

DialNumber: %s	DEBUG	Failed to Open SSHD Configuration File	ERROR
Apn: %s	DEBUG	Ipaddress should be provided with accessoption 1	ERROR
GetDnsFromIsp: %s	DEBUG	Subnetaddress should be provided with accessoption 2	ERROR
IdleTimeOutFlag: %s	DEBUG	Failed to restart sshd	ERROR
IdleTimeOutValue: %d	DEBUG	unable to open the "	ERROR
AuthMetho: %d	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
executing %s ... %s	DEBUG	Error in executing DB update handler	ERROR
removing %s from bridge%d... %s	DEBUG	Error in executing DB update handler	ERROR
adding %s to bridge%d... %s	DEBUG	unknown vlan state	ERROR
stopping bridge...	DEBUG	Failed to execute vlanConfig binary for vlanId %d	ERROR
restarting bridge...	DEBUG	sqlite3_mprintf failed	ERROR
Could not configure 6to4 Tunnel Interface	DEBUG	Access port can be present only in single vlan	ERROR
Could not de-configure 6to4 Tunnel Interface	DEBUG	Failed to execute vlanConfig binary for vlanId %d	ERROR
failed to restart 6to4 tunnel interfaces	DEBUG	unknown vlan state	ERROR
BridgeConfig: too few arguments to command %s	DEBUG	Failed to execute vlanConfig binary for port number %d	ERROR
BridgeConfig: unsupported command %d	DEBUG	Failed to clear vlan for oldPVID %d	ERROR
BridgeConfig returned error=%d	DEBUG	Failed to execute vlanConfig binary for port number %d	ERROR
sqlite3QueryResGet failed	DEBUG	Failed to clear vlan for %d	ERROR
Error in executing DB update handler	DEBUG	Failed to set vlan entry for vlan %d	ERROR
sqlite3QueryResGet failed	DEBUG	Failed to set vlan entries, while enabling \	ERROR
Failed to remove vlan Interface for vlanId \	DEBUG	sqlite3QueryResGet failed	ERROR
sqlite3QueryResGet failed	DEBUG	Failed to execute vlanConfig binary for port number %d	ERROR
Invalid oidp passed	DEBUG	Failed to execute vlanConfig binary for vlanId %d	ERROR

Invalid oidp passed	DEBUG	Failed to enable vlan	ERROR
Failed to get oid from the tree	DEBUG	Failed to disable vlan	ERROR
threegEnable: Input to wrapper %s	DEBUG	Failed to set vlanPort table entries, while \	ERROR
threegEnable: spawning command %s	DEBUG	Failed to enable vlan	ERROR
threegMgmtHandler: query string: %s	DEBUG	unknown vlan state	ERROR
threegMgmtHandler: returning with status: %s	DEBUG	Error in executing DB update handler	ERROR
adding to dhcprealy ifgroup failed	DEBUG	unknown vlan state	ERROR
adding to ipset fwDhcpRelay failed	DEBUG	Failed to execute vlanConfig binary for vlanId %d	ERROR
Disabling Firewall Rule for DHCP Relay Protocol	DEBUG	sqlite3_mprintf failed	ERROR
Enabling Firewall Rule for DHCP Relay Protocol	DEBUG	Access port can be present only in single vlan	ERROR
prerouting Firewall Rule add for Relay failed	DEBUG	Failed to execute vlanConfig binary for vlanId %d	ERROR
prerouting Firewall Rule add for Relay failed	DEBUG	unknown vlan state	ERROR
%s: SQL get query: %s	DEBUG	Failed to execute vlanConfig binary for port number %d	ERROR
%s: sqlite3QueryResGet failed	DEBUG	Failed to clear vlan for oldPVID %d	ERROR
%s: no result found	DEBUG	Failed to execute vlanConfig binary for port number %d	ERROR
%s: buffer overflow	DEBUG	Failed to clear vlan for %d	ERROR
%s: value of %s in %s table is: %s	DEBUG	Failed to set vlan entry for vlan %d	ERROR
%s: returning with status: %s	DEBUG	Failed to set vlan entries, while enabling \	ERROR
dnsResolverConfigure: addressFamily: %d	DEBUG	Failed to execute vlanConfig binary for port number %d	ERROR
dnsResolverConfigure: LogicalIfName: %s	DEBUG	Failed to execute vlanConfig binary for vlanId %d	ERROR
chap-secrets File found	DEBUG	Failed to enable vlan	ERROR
PID File for xl2tpd found	DEBUG	Failed to disable vlan	ERROR
pid: %d	DEBUG	Failed to set vlanPort table entries, while \	ERROR
options.xl2tpd file found	DEBUG	Failed to enable vlan	ERROR
options.xl2tpd file not found	DEBUG	unknown vlan state	ERROR
Conf File for xl2tpd found	DEBUG	threegMgmtInit: unable to open the database file %s	ERROR
xl2tpd.conf not found	DEBUG	threegConnEnable: failed to get the WanMode	ERROR
Chap Secrets file found	DEBUG	threegEnable:spawning failed	ERROR
Chap Secrets file not found	DEBUG	threegDisable: unable to kill ppp daemon	ERROR
%s:DBUpdate event: Table: %s opCode:%d rowId:%d	DEBUG	threegMgmtHandler: Query: %s	ERROR
chap-secrets File found	DEBUG	threegMgmtHandler: error in executing database update	ERROR

PID File for pptpd found	DEBUG	Error in executing DB update handler	ERROR
pid: %d	DEBUG	are we getting invoked twice ??	ERROR
PID File for pptpd interface found	DEBUG	could not open %s to append	ERROR
pid: %d	DEBUG	could not write nameserver %s to %s	ERROR
options.pptpd file found	DEBUG	could not write nameserver %s to %s	ERROR
options.pptpd file not found	DEBUG	could not open %s to truncate	ERROR
Conf File for pptpd found	DEBUG	dnsResolverConfigMgmtInit: unable to open the "	ERROR
pptpd.conf not found	DEBUG	resolverConfigDBUpateHandler: sqlite3QueryResGet "	ERROR
Chap Secrets file found	DEBUG	could not configure DNS resolver	ERROR
Chap Secrets file not found	DEBUG	dnsResolverConfigure: could not write nameserver:%s,"	ERROR
%s:DBUpdate event: Table: %s opCode:%d rowId:%d	DEBUG	unboundMgmt: unable to open the "	ERROR
chap-secrets File found	DEBUG	ioctl call Failed-could not update active user Details	ERROR
pppoeMgmtTblHandler: MtuFlag: %d	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
pppoeMgmtTblHandler: Mtu: %d	DEBUG	Can't kill xl2tpd	ERROR
pppoeMgmtTblHandler: IdleTimeOutFlag: %d	DEBUG	xl2tpd restart failed	ERROR
pppoeMgmtTblHandler: IdleTimeOutValue: %d	DEBUG	failed to get field value	ERROR
pppoeMgmtTblHandler: UserName: %s	DEBUG	failed to get field value	ERROR
pppoeMgmtTblHandler: Password: %s	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
pppoeMgmtTblHandler: DNS specified: %s	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
pppoeMgmtTblHandler: Service: %s	DEBUG	unboundMgmt: unable to open the "	ERROR
pppoeMgmtTblHandler: StaticIp: %s	DEBUG	writing options.xl2tpd failed	ERROR
pppoeMgmtTblHandler: NetMask: %s	DEBUG	xl2tpdStop failed	ERROR
pppoeMgmtTblHandler: AuthOpt: %d	DEBUG	writing xl2tpd.conf failed	ERROR
pppoeMgmtTblHandler: Satus: %d	DEBUG	writing options.xl2tpd failed	ERROR
pppoeEnable: ppp dial string: %s	DEBUG	xl2tpdStop failed	ERROR
pppoeMgmtDBUpdateHandler: returning with status: %s	DEBUG	xl2tpdStart failed	ERROR
pptpMgmtTblHandler: MtuFlag: %d	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
pptpMgmtTblHandler: Mtu: %d	DEBUG	writing Chap-secrets/Pap-Secrets failed	ERROR
pptpMgmtTblHandler: IdleTimeOutFlag: %d	DEBUG	xl2tpdStop failed	ERROR
pptpMgmtTblHandler: IdleTimeOutValue: %d	DEBUG	xl2tpdStart failed	ERROR
pptpMgmtTblHandler: GetDnsFromIsp: %d	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR

pptpMgmtTblHandler: UserName: %s	DEBUG	writing Chap-secrets/Pap-Secrets failed	ERROR
pptpMgmtTblHandler: Password: %s	DEBUG	xl2tpdStop failed	ERROR
pptpMgmtTblHandler: dynamic MyIp configured	DEBUG	xl2tpdStart failed	ERROR
pptpMgmtTblHandler: MyIp: %s	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
pptpMgmtTblHandler: ServerIp: %s	DEBUG	writing Chap-secrets/Pap-Secrets failed	ERROR
pptpMgmtTblHandler: StaticIp: %s	DEBUG	Error in executing DB update handler	ERROR
pptpMgmtTblHandler: NetMask: %s	DEBUG	unboundMgmt: unable to open the "	ERROR
pptpMgmtTblHandler: MppeEncryptSupport: %s	DEBUG	Can't kill pptpd	ERROR
pptpMgmtTblHandler: SplitTunnel: %s	DEBUG	pptpd restart failed	ERROR
pptpEnable: ppp dial string: %s	DEBUG	Can't kill pptpd	ERROR
pptpEnable: spawning command %s	DEBUG	failed to get field value	ERROR
PID File for dhcpc found	DEBUG	failed to get field value	ERROR
pid: %d	DEBUG	unboundMgmt: unable to open the "	ERROR
pptpMgmtDBUpdateHandler: query string: %s	DEBUG	writing options.pptpd failed	ERROR
pptpMgmtDBUpdateHandler: returning with status: %s	DEBUG	pptpdStop failed	ERROR
dhcpcReleaseLease: dhcpc release command: %s	DEBUG	writing pptpd.conf failed	ERROR
dhcpcMgmtTblHandler: MtuFlag: %d	DEBUG	writing options.pptpd failed	ERROR
dhcpcMgmtTblHandler: Mtu: %d	DEBUG	pptpdStop failed	ERROR
DHCPv6 Server started successfully.	DEBUG	pptpdStart failed	ERROR
DHCPv6 Server stopped successfully	DEBUG	writing Chap-secrets/Pap-Secrets failed	ERROR
DHCPv6 Client started successfully.	DEBUG	Error in executing DB update handler	ERROR
DHCPv6 Client stopped successfully.	DEBUG	pppStatsUpdate: unable to get default MTU	ERROR
DHCPv6 Client Restart successful	DEBUG	pppoeMgmtInit: unable to open the database file %s	ERROR
l2tpMgmtTblHandler: MtuFlag: %d	DEBUG	pppoeDisable: unable to kill ppp daemon	ERROR

l2tpMgmtTblHandler: Mtu: %d	DEBUG	pppoeMultipleEnableDisable: pppoe enable failed	ERROR
l2tpMgmtTblHandler: IspName: %s	DEBUG	pppoeMultipleEnableDisable: pppoe disable failed	ERROR
l2tpMgmtTblHandler: UserName: %s	DEBUG	pppoeMgmtTblHandler: unable to get current Mtu Option	ERROR
l2tpMgmtTblHandler: Password: %s	DEBUG	pppoeMgmtTblHandler: unable to get the Mtu	ERROR
l2tpMgmtTblHandler: AccountName: %s	DEBUG	pppoeMgmtTblHandler: pppoe enable failed	ERROR
l2tpMgmtTblHandler: DomainName: %s	DEBUG	pppoeMgmtDBUpdateHandler: failed query: %s	ERROR
l2tpMgmtTblHandler: Secret: not specified	DEBUG	pppoeMgmtDBUpdateHandler: error in executing "	ERROR
l2tpMgmtTblHandler: Secret: %s	DEBUG	pptpMgmtInit: unable to open the database file %s	ERROR
l2tpMgmtTblHandler: dynamic MyIp configured	DEBUG	pptpEnable: error executing command: %s	ERROR
l2tpMgmtTblHandler: MyIp: %s	DEBUG	pptpEnable: unable to resolve address: %s	ERROR
l2tpMgmtTblHandler: ServerIp: %s	DEBUG	pptpEnable: inet_aton failed	ERROR
l2tpMgmtTblHandler: StaticIp: %s	DEBUG	pptpEnable: inet_aton failed	ERROR
l2tpMgmtTblHandler: NetMask: %s	DEBUG	pptpEnable:spawning failed	ERROR
l2tpMgmtTblHandler: SplitTunnel: %s	DEBUG	pptpDisable: unable to kill ppp daemon	ERROR
needToStartHealthMonitor: returning with status: %s	DEBUG	pptpMgmtTblHandler: unable to get current MTU Option	ERROR
l2tpEnable: command string: %s	DEBUG	pptpMgmtTblHandler: unable to get the Mtu	ERROR
l2tpEnable: command: %s	DEBUG	pptpMgmtTblHandler: dbRecordValueGet failed for %s "	ERROR
l2tpEnable: command string: %s	DEBUG	pptpMgmtTblHandler: pptp enable failed	ERROR
PID File for dhcpc found	DEBUG	pptpMgmtTblHandler: pptp disable failed	ERROR
pid: %d	DEBUG	pptpMgmtDBUpdateHandler: sqlite3QueryResGet "	ERROR
l2tpMgmtDBUpdateHandler: query string: %s	DEBUG	pptpMgmtDBUpdateHandler: error in executing "	ERROR
l2tpMgmtDBUpdateHandler: returning with status: %s	DEBUG	Illegal invocation of dhcpConfig (%s)	ERROR
RADVD started successfully	DEBUG	dhcpLibInit: unable to open the database file %s	ERROR
RADVD stopped successfully	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
empty update. nRows=%d nCols=%d	WARN	dhcpcMgmtInit: unable to open the database file %s	ERROR

Wan is not up or in load balencing mode	WARN	dhcpcReleaseLease: unable to release lease	ERROR
threegMgmtHandler: no row found. nRows = %d nCols = %d	WARN	dhcpcEnable: unable to kill dhclient	ERROR
pppoeMgmtDBUpdateHandler: empty update.	WARN	dhcpcEnable: enabling dhcpc failed on: %s	ERROR
dhcpcEnable: dhclient already running on: %s	WARN	dhcpcDisable: unable to kill dhclient	ERROR
dhcpcDisable: deleted dhclient.leases	WARN	dhcpcDisable: delete failed for dhclient.leases	ERROR
l2tpMgmtInit: unable to open the database file %s	ERROR	dhcpcDisable: failed to reset the ip	ERROR
l2tpEnable: unable to resolve address: %s	ERROR	dhcpcMgmtTblHandler: unable to get current Mtu Option	ERROR
l2tpEnable: inet_aton failed	ERROR	dhcpcMgmtTblHandler: unable to get the Mtu	ERROR
The Enable Command is %s	ERROR	dhcpcMgmtTblHandler: dhclient enable failed	ERROR
l2tpEnable:Executing the Command failed	ERROR	dhcpcMgmtTblHandler: dhcpc release failed	ERROR
l2tpDisable: command string: %s	ERROR	dhcpcMgmtTblHandler: dhcpc disable failed	ERROR
l2tpDisable: unable to stop l2tp session	ERROR	dhcpcMgmtDBUpdateHandler: failed query: %s	ERROR
l2tpMgmtTblHandler: unable to get current MTU option	ERROR	dhcpcMgmtDBUpdateHandler: error in executing "	ERROR
l2tpMgmtTblHandler: unable to get the Mtu	ERROR	DHCPv6 Client start failed.	ERROR
l2tpMgmtTblHandler: dbRecordValueGet failed for %s "	ERROR	DHCPv6 Client stop failed.	ERROR
l2tpMgmtTblHandler: l2tpEnable failed	ERROR	failed to create/open DHCPv6 client "	ERROR
l2tpMgmtTblHandler: disabling l2tp failed	ERROR	failed to write DHCPv6 client configuration file	ERROR
l2tpMgmtDBUpdateHandler: sqlite3QueryResGet "	ERROR	failed to restart DHCPv6 Client	ERROR
l2tpMgmtDBUpdateHandler: error in executing	ERROR	failed to create/open DHCPv6 Server "	ERROR
Illegal invocation of tcpdumpConfig (%s)	ERROR	Restoring old configuration..	ERROR
Failed to start tcpdump	ERROR	DHCPv6 Server configuration update failed	ERROR
Failed to stop tcpdump	ERROR	DHCPv6 Server Restart failed	ERROR
Invalid tcpdumpEnable value	ERROR	sqlite3QueryResGet failed.Query:%s	ERROR

Facility: System (VPN)

Log Message	Severity	Log Message	Severity
%d command not supported by eapAuth	DEBUG	PEAP key derive: ERROR	ERROR
pCtx NULL.	DEBUG	PEAP context is NULL: ERROR	ERROR
Current cert subject name= %s	DEBUG	Constructing P2 response: ERROR	ERROR
X509_STORE_CTX_get_ex_data failed.	DEBUG	innerEapRecv is NULL: ERROR	ERROR
Cannot get cipher, no session est.	DEBUG	Decrypting TLS data: ERROR	ERROR
%s: SSL_ERROR_WANT_X509_LOOKUP	DEBUG	Wrong identity size: ERROR	ERROR
err code = (%d) in %s	DEBUG	Wrong size for extensions packet: ERROR	ERROR
BIO_write: Error	DEBUG	innerEapRecv is NULL: ERROR.	ERROR
Decrypting: BIO reset failed	DEBUG	Inner EAP processing: ERROR	ERROR
Encrypting BIO reset: ERROR	DEBUG	TLS handshake: ERROR.	ERROR
BIO_read: Error	DEBUG	Sending P1 response: ERROR	ERROR
EAP state machine changed from %s to %s.	DEBUG	Unexpected tlsGlueContinue return value.	ERROR
EAP state machine changed from %s to %s.	DEBUG	No more fragments in message. ERROR	ERROR
Received EAP Packet with code %d	DEBUG	No phase 2 data or phase 2 data buffer NULL: ERROR	ERROR
Response ID %d	DEBUG	Allocating memory for PEAP Phase 2 payload: ERROR	ERROR
Response Method %d	DEBUG	TLS encrypting response: ERROR	ERROR
Created EAP/PEAP context: OK	DEBUG	Setting message in fragment buffer: ERROR	ERROR
Deleted EAP/PEAP context: OK	DEBUG	Allocating TLS read buffer is NULL: ERROR	ERROR
Upper EAP sent us: decision = %d method state = %d	DEBUG	Setting last fragment: ERROR	ERROR
P2 decision=(%d); methodState=(%d)	DEBUG	Getting message: ERROR	ERROR
Writing message to BIO: ERROR.	DEBUG	Processing PEAP message: ERROR	ERROR
Encrypted (%d) bytes for P2	DEBUG	Setting fragment: ERROR	ERROR
P2: sending fragment.	DEBUG	Creating receive buffer: ERROR	ERROR
P2: message size = %d	DEBUG	Setting first fragment: ERROR	ERROR
P2: sending unfragmented message.	DEBUG	Sending P1 response: ERROR	ERROR
P1: Sending fragment.	DEBUG	NULL request (or response) PDU or NULL context: ERROR	ERROR
P1: Total TLS message size = (%d)	DEBUG	Expecting start packet, got something else: ERROR	ERROR
P1: sending unfragmented message.	DEBUG	Protocol version mismatch: ERROR	ERROR
peapFragFirstProcess: TLS record size to receive = (%d)	DEBUG	Processing PEAP message (from frag): ERROR	ERROR

Setting version %d	DEBUG	Processing PEAP message: ERROR	ERROR
PEAP pkt rcvd: data len=(%d) flags=(%d) version=(%d)	DEBUG	Processing PEAP message: ERROR	ERROR
Got PEAP/Start packet.	DEBUG	Indicated length not valid: ERROR	ERROR
Got first fragment	DEBUG	Did not get Acknowledged result: ERROR	ERROR
Got fragment (n)	DEBUG	Cannot understand AVP value: ERROR	ERROR
Got last fragment	DEBUG	eapExtResp is NULL: ERROR	ERROR
Got unfragmented message	DEBUG	eapWscCtxCreate: EAPAUTH_MALLOC failed.	ERROR
Got frag ack.	DEBUG	eapWscProcess: umiloctl req to WSC failed, status = %d	ERROR
Ext AVP parsed: flags=(0x%x)	DEBUG	eapWscCheck: Invalid frame	ERROR
Mandatory bit not set: WARNING	DEBUG	eapWscBuildReq: Invalid state %d	ERROR
Ext AVP parsed: type=(%d)	DEBUG	eapWscProcessWscResp: Invalid data recd pData = %p, dataLen"	ERROR
Ext AVP parsed: value=(%d)	DEBUG	Data received for invalid context, dropping it	ERROR
Got PEAPv0 success!	DEBUG	eapWscProcessWscResp: Build Request failed	ERROR
Got PEAPv0 failure!	DEBUG	eapWscProcessWscResp: Invalid state %d	ERROR
pCtx NULL.	DEBUG	eapWscProcessWscResp: Message processing failed 0x%X	ERROR
Authenticator response check: Error	DEBUG	eapWscProcessWscData: Invalid notification recd %d	ERROR
Authenticator response check: Failed	DEBUG	unable to initialize MD5	ERROR
MS-CHAP2 Response AVP size = %u	DEBUG	MDString: adpDigestInit for md5 failed	ERROR
Created EAP/MS-CHAP2 context: OK.	DEBUG	EAPAUTH_MALLOC failed.	ERROR
pCtx NULL.	DEBUG	EAPAUTH_MALLOC failed.	ERROR
Deleted EAP/MS-CHAPv2 context: OK	DEBUG	NULL context created: Error	ERROR
Not authenticated yet.	DEBUG	NULL context received: Error	ERROR
Authenticator response invalid	DEBUG	Authenticator ident invalid.	ERROR
EAP-MS-CHAPv2 password changed.	DEBUG	Success request message invalid: Error	ERROR
rcvd. opCode %d.	DEBUG	Plugin context is NULL	ERROR
pCtx NULL.	DEBUG	Deriving implicit challenge: Error	ERROR
TLS message len changed in the fragment, ignoring.	DEBUG	Generating NT response: Error	ERROR
no data to send while fragment ack received.	DEBUG	NULL in/out buffer: Error	ERROR
TLS handshake successful.	DEBUG	Incorrect vendor id.	ERROR
Created EAP/TTLS context: OK	DEBUG	Allocating memory for outBuff: ERROR	ERROR

Deleted EAP/TTLS context: OK	DEBUG	AVP code not recognized	ERROR
No more fragments in message. ERROR	DEBUG	EAPAUTH_MALLOC failed.	ERROR
Upper EAP sent us: method state = %d; decision = %d	DEBUG	Converting password to unicode: Error	ERROR
P2: sending fragment.	DEBUG	Generating password hash: Error.	ERROR
P2 send unfragmented message.	DEBUG	Generating password hash hash: Error.	ERROR
P1: sending fragment.	DEBUG	Generating master key: Error.	ERROR
P1: sending unfragmented message.	DEBUG	Generating first 16 bytes of session key: Error.n	ERROR
\tTLSMsgLen = 0x%x	DEBUG	Generating second 16 bytes of session key: Error.n	ERROR
Send req ptr = 0x%x; Send resp ptr = 0x%x	DEBUG	Converting password to unicode: Error	ERROR
P2 decision=(%d); methodState=(%d)	DEBUG	Constructing failure response: ERROR	ERROR
Default EAP: method state = %d; decision = %d	DEBUG	Error checking authenticator response.	ERROR
TTLS pkt: data len=(%d) flags=(0x%x)	DEBUG	Error generating NT response.	ERROR
Got start	DEBUG	Username string more than 256 ASCII characters: ERROR	ERROR
Got first fragment (n).	DEBUG	Invalid Value-Size.	ERROR
Got fragment (n).	DEBUG	Invalid MS-Length. Got (%d), expected (%d)	ERROR
Got last fragment	DEBUG	Error constructing response.	ERROR
Got unfragmented message.	DEBUG	Got type (%d), expecting (%d)	ERROR
Got frag ack.	DEBUG	Cannot handle message; opCode = %d	ERROR
Rcvd. AVP Code-%u: flags-0x%x: len-%u: vendorId-%u: "	DEBUG	EAPAUTH_MALLOC failed.	ERROR
MOD EAP: method state from upper = %d; decision = %d	DEBUG	tlsGlueCtxCreate failed.	ERROR
Got AVP len = %ul. Should be less than 16777215	DEBUG	client certificate must be set in the profile.	ERROR
AVP length extract: Error	DEBUG	received TLS message length too big.	ERROR
pFB is NULL	DEBUG	total frags len > initial total TLS length.	ERROR
Requesting message before assembly complete	DEBUG	total frags len > initial total TLS length.	ERROR
pFB is NULL	DEBUG	total data rcvd(%d) doesnt match the initial "	ERROR
pFB is NULL	DEBUG	couldnt write %d data to TLS buffer.	ERROR
Buffer cannot hold message: ERROR	DEBUG	invalid flags %s passed to eapTlsBuildResp.	ERROR
pFB is NULL: Error	DEBUG	EAPAUTH_MALLOC failed.	ERROR
pFB is NULL	DEBUG	tlsGlueCtxCreate failed.	ERROR
TLS_FB* is NULL.	DEBUG	Context NULL: ERROR	ERROR
pFB->msgBuff is NULL.	DEBUG	Setting profile to glue layer: ERROR.	ERROR
Error calculating binary.	DEBUG	_eapCtxCreate failed.	ERROR

Error calculating binary.	DEBUG	%d authentication not enabled in the system.	ERROR
adpDigestInit for SHA1 failed.	DEBUG	Initializing inner non-EAP auth plugin: ERROR	ERROR
adpDigestInit for SHA1 failed.	DEBUG	TTLS key derive: ERROR	ERROR
E = %d	DEBUG	TTLS context from EAP plugin is NULL: ERROR	ERROR
R = %d	DEBUG	Allocating memory for TTLS Phase 2 payload: ERROR	ERROR
Could not initialize des-ecb	DEBUG	TLS Encrypting response: ERROR	ERROR
adpDigestInit for MD4 failed.	DEBUG	Allocating TLS read buffer is NULL: ERROR	ERROR
adpDigestInit for SHA1 failed.	DEBUG	Inner authentication (id: %d) unhandled	ERROR
adpDigestInit for SHA1 failed.	DEBUG	innerEapRecv is NULL: ERROR.	ERROR
Error converting received auth reponse to bin.	DEBUG	Decrypting TLS data: ERROR	ERROR
Gnerating challenge hash: Error	DEBUG	Processing Phase 2 method: Error	ERROR
Generating password hash: Error	DEBUG	Writing message to BIO: ERROR.	ERROR
Generating challenge response: Error	DEBUG	TLS handshake: ERROR.	ERROR
Conn cipher name=%s ver=%s: %s	DEBUG	Unexpected tlsGlueContinue return value.	ERROR
Send req ptr = 0x%x; Send resp ptr = 0x%x	DEBUG	NULL request (or response) PDU or NULL context	ERROR
Request ptr = 0x%x;	DEBUG	Protocol version mismatch: ERROR	ERROR
Response ptr = 0x%x	DEBUG	Creating receive buffer: ERROR	ERROR
Rcvd. AVP Code - %ul	DEBUG	Setting first fragment: ERROR	ERROR
Rcvd. AVP flags - 0x%02x	DEBUG	Setting fragment: ERROR	ERROR
Rcvd. AVP len - %ul	DEBUG	Setting last fragment: ERROR	ERROR
Rcvd. AVP vendor id - %ul	DEBUG	Getting message: ERROR	ERROR
\tCode = %d	DEBUG	Processing TTLS message: ERROR	ERROR
\tIdent = %d	DEBUG	Processing TTLS message: ERROR	ERROR
\tLen = %d	DEBUG	Processing TTLS message: ERROR	ERROR
\tType = %d	DEBUG	Decapsulating AVP: ERROR	ERROR
\tOpCode = %d	DEBUG	Processing EAP receive: Error	ERROR
\tMSID = %d	DEBUG	AVP code not EAP: Error	ERROR
\tmsLen = %d	DEBUG	Encapsulating AVP: ERROR	ERROR
\tvalSize = %d	DEBUG	profile %s doesnt exist.	ERROR
Frag Buffer bytes left = (%d)	DEBUG	profile %s is in use.	ERROR

Stripped username=(%s)	DEBUG	profile %s already exists.	ERROR
digestLen = %d.	DEBUG	EAPAUTH_MALLOC failed	ERROR
ClearText =	DEBUG	User not found.	ERROR
CipherText =	DEBUG	EAP-MD5 not enabled in system configuration.	ERROR
digestLen = %d.	DEBUG	EAP-MSCHAPV2 not enabled in system configuration.	ERROR
digestLen1 = %d.	DEBUG	EAP-TLS not enabled in system configuration.	ERROR
digestLen2 = %d.	DEBUG	EAP-TTLS not enabled in system configuration.	ERROR
password change is not allowed for this user	DEBUG	EAP-PEAP not enabled in system configuration.	ERROR
completed writing the policy	DEBUG	EAP-WSC not enabled in system configuration.	ERROR
completed writing the SA	DEBUG	PAP not enabled in system configuration.	ERROR
completed writing the proposal block	DEBUG	CHAP not enabled in system configuration.	ERROR
cmdBuf: %s	DEBUG	MSCHAP not enabled in system configuration.	ERROR
X509_DEBUG : Invalid Certificate for the generated"	DEBUG	MSCHAPV2 not enabled in system configuration.	ERROR
X590_ERROR : Failed to create File '%s'	DEBUG	PAP/Token not enabled in system configuration.	ERROR
x509TblHandler	DEBUG	EAP-MD5 not enabled in system configuration.	ERROR
pCertType: %s	DEBUG	EAP-MSCHAPV2 not enabled in system config.	ERROR
pRowQueryStr: %s	DEBUG	EAP-TLS not enabled in system configuration.	ERROR
x509SelfCertTblHandler	DEBUG	EAP-TTLS and EAP-PEAP are not valid as inner"	ERROR
pRowQueryStr: %s	DEBUG	invalid innerAuth %d.	ERROR
%s:DBUpdate event: Table: %s opCode:%d rowId:%d	DEBUG	profile %s doesnt exist.	ERROR
umiRegister failed	ERROR	Re-assembling fragments incorrect size	ERROR
eapAuthHandler: Invalid data received	ERROR	Error creating cipher context.	ERROR
EAPAUTH_MALLOC failed.	ERROR	Error initializing cipher context.	ERROR
malloc failed.	ERROR	Error creating digest context.	ERROR

BIO_new_mem_buf failed.	ERROR	Error initializing digest context.	ERROR
malloc failed.	ERROR	Error initializing DES in Klite	ERROR
BIO_new_mem_buf failed.	ERROR	Error initializing MD4 in Klite	ERROR
SSL_CTX_new (TLSv1_client_method) failed.	ERROR	Error initializing RC4 in Klite	ERROR
unable to set user configured CIPHER list %s	ERROR	Error initializing SHA in Klite	ERROR
Certificate verification failed.	ERROR	Error cleaning cipher context.	ERROR
Server name match failed. Got (%s) expected "	ERROR	Error destroying cipher context.	ERROR
SSL_CTX_use_certificate_file (cert, PEM) failed.	ERROR	Error cleaning digest context.	ERROR
SSL_CTX_use_PrivateKey_file failed.	ERROR	Error destroying digest context.	ERROR
private key does not match public key	ERROR	Error stripping domain name.	ERROR
SSL_CTX_load_verify_locations failed	ERROR	Error cleaning digest context.	ERROR
SSL_new failed.	ERROR	Error cleaning digest context.	ERROR
Both SSL_VERIFY_PEER and SSL_VERIFY_ NONE set: Error	ERROR	Challenge not present in failure packet.	ERROR
EAPAUTH_MALLOC failed.	ERROR	Wrong challenge length.	ERROR
EAPAUTH_MALLOC failed.	ERROR	Incorrect password change version value.	ERROR
eapTimerCreate failed.	ERROR	Error generating password hash.	ERROR
eapCtxDelete:pCtx == NULL	ERROR	Error generating password hash.	ERROR
eapRole != EAP_ROLE_PEER or EAP_ROLE_ AUTHENTICATOR	ERROR	Error encrypting password hash with block	ERROR
pEapCtx == NULL or pPDU == NULL.	ERROR	Could not initialize des-ecb	ERROR
received EAP pdu bigger than EAP_MTU_ SIZE.	ERROR	Error cleaning cipher context.	ERROR
received EAP pdu bigger than EAP_MTU_ SIZE.	ERROR	Error cleaning cipher context.	ERROR
state machine is in invalid state.	ERROR	Error cleaning digest context.	ERROR
unable to create method context.	ERROR	Error cleaning digest context.	ERROR
method ctxCreate failed.	ERROR	adpDigestInit for SHA1 failed.	ERROR
method profile set failed.	ERROR	X509_ERROR : .Query:%s	ERROR
state machine is in invalid state.	ERROR	X509_ERROR : Invalid Certificate for the "	ERROR
Only StandAlone authenticator supported currently.	ERROR	invalid x509 certificate	ERROR
state machine is in invalid state.	ERROR	Couldn't get the x509 cert hash	ERROR
BuildReq operation failed	ERROR	Memory allocation failed	ERROR
No method ops defined for current method	ERROR	FileName too lengthy	ERROR

Process operation failed	ERROR	Couldn't execute command	ERROR
state machine is in invalid state.	ERROR	Memory allocation failed	ERROR
Packet length mismatch %d, %d	ERROR	Memory allocation failed	ERROR
eapAuthTypeToType: Invalid eapAuthType %d	ERROR	invalid certificate data	ERROR
eapTypeToAuthType: Invalid eapType %d	ERROR	.Query:%s	ERROR
unable to create method context.	ERROR	.Query:%s	ERROR
method ctxCreate failed.	ERROR	Memory allocation failed	ERROR
Invalid condition, methodState = %d, respMethod = %d	ERROR	X509_ERROR : Failed to validate the certficate "	ERROR
A EAP Ctx map already exists	ERROR	Memory allocation failed	ERROR
eapTimerCreate: Currently unsupported for Peer role	ERROR	.Query:%s	ERROR
eapTimerStart: Currently unsupported for Peer role	ERROR	Invalid Sign Key Length : %d	ERROR
eapTimerDestroy: Currently unsupported for Peer role	ERROR	Invalid Hash Alg : %d	ERROR
eapTimerCancel: Currently unsupported for Peer role	ERROR	Invalid Sign Alg : %d	ERROR
eapTimerHandler: Currently unsupported for Peer role	ERROR	No Memory Available	ERROR
pCtx is NULL: ERROR	ERROR	Certificate Request Failed	ERROR
tlsGlueCtxCreate failed	ERROR	File Open Failed	ERROR
eapVars is NULL	ERROR	File is Empty	ERROR
Context NULL: ERROR	ERROR	Memory Allocation Failed	ERROR
Initializing inner EAP auth: ERROR	ERROR	File Open Failed	ERROR
pCtx is NULL: ERROR	ERROR	File is Empty	ERROR
Memory Allocation Failed	ERROR	Error in executing DB update handler	ERROR

Facility: System (Admin)

Log Message	Severity	Log Message	Severity
Usage:%s <DBFile>	DEBUG	unable to register to UMI	ERROR
Could not open database: %s	DEBUG	sqlite3QueryResGet failed	ERROR
CPU LOG File not found	DEBUG	radSendtoServer: socket: %s	ERROR
MEM LOG File not found	DEBUG	radSendtoServer: bind() Failed: %s: %s	ERROR
cpuMemUsageDBUpdateHandler: update query: %s	DEBUG	radRecvfromServer: recvfrom() Failed: %s	ERROR
Printing the whole list after inserting	DEBUG	radRecvfromServer: Packet too small from %s:%d: %s	ERROR
%s at %d(minute) %d(hour) %d(dayOfMonth) %d(month)"	DEBUG	radCheckMsgAuth: Invalid Message-Authenticator length in"	ERROR
adpCmdExec exited with return code=%d	DEBUG	radDictLoad: couldn't open dictionary %s: %s	ERROR
%s op=%d row=%d	DEBUG	radBuildAndSendReq: Invalid Request Code %d	ERROR
sqlite3_mprintf failed	DEBUG	radPairAssign: bad attribute value length	ERROR
sqlite3QueryResGet failed: query=%s	DEBUG	radPairAssign: unknown attribute type %d	ERROR
Printing the whole list after delete	DEBUG	radPairNew: unknown attribute %d	ERROR
%s at %d(minute) %d(hour) %d(dayOfMonth) %d(month)"	DEBUG	radPairGen: Attribute(%d) has invalid length	ERROR
Printing the whole list after inserting	DEBUG	radPairValue: unknown attribute type %d	ERROR
%s at %d(minute) %d(hour) %d(dayOfMonth) %d(month)"	DEBUG	radPairValueLen: unknown attribute type %d	ERROR
email logs: No logging events enabled	DEBUG	radPairLocate: Attribute(%d) has invalid length	ERROR
%s	DEBUG	radPairUnpackDefault: Unknown-Attribute[%d]:	ERROR
Mail sent and the Database is reset.	DEBUG	radConfigure: can't open %s: %s	ERROR
Disabled syslog server	DEBUG	radConfigure: %s: line %d: bogus format: %s	ERROR
Event logs are full, sending logs to email	DEBUG	radConfAssert: No AuthServer Specified	ERROR
Email logs sending failed	DEBUG	radConfAssert: No Default Timeout Specified	ERROR
Packing attribute: %s	DEBUG	radConfAssert: No Default Retry Count Specified	ERROR
Server found: %s, secret: %s	DEBUG	radExtractMppeKey: Invalid MS-MPPE-Key Length	ERROR
Packed Auth. Reqest: code:%d, id:%d, len:%d	DEBUG	radVendorMessage: Invalid Length in Vendor Message	ERROR
Sending Packet to %x:%d	DEBUG	radVendorMessage: Unknown Vendor ID received:%d	ERROR
Receiving Reply Packet....	DEBUG	radVendorAttrGet: Invalid Length in Vendor Message	ERROR
Verified Reply Packet Integrity	DEBUG	radVendorAttrGet: Unknown Vendor ID:%d	ERROR
Generated Reply Attribute-Value pairs	DEBUG	radVendorMessagePack: Unknown Vendor ID:%d	ERROR

Verified Message-Authenticator	DEBUG	radGetIPByName: couldn't resolve hostname: %s	ERROR
Unloaded RADIUS Dictionary	DEBUG	radGetHostIP: couldn't get hostname	ERROR
Adding Dictionary Attribute %s	DEBUG	radGetHostIP: couldn't get host IP address	ERROR
Adding Dictionary Value %s	DEBUG	RADIUS dictionary loading failed	ERROR
Loaded Dictionary %s	DEBUG	Failed to set default timeout value	ERROR
Adding Dictionary Attribute '%s'	DEBUG	Failed to set default retries value	ERROR
Adding Dictionary Value %s	DEBUG	ERROR: incomplete DB update information.	ERROR
Receiving attribute: %s	DEBUG	old values result does not contain 2 rows	ERROR
Processing attribute: %s	DEBUG	sqlite3QueryResGet failed	ERROR
Processing attribute: %s	DEBUG	empty update. nRows=%d nCols=%d	ERROR
Processing attribute: %s	DEBUG	Error in executing DB update handler	ERROR
Processing attribute: %s	DEBUG	sqlite3QueryResGet failed	ERROR
radConfGet: "	DEBUG	Invalid SQLITE operation code - %d	ERROR
Added Server %s:%d with "	DEBUG	sqlite3QueryResGet failed	ERROR
Added Server %s:%d with "	DEBUG	empty result. nRows=%d nCols=%d	ERROR
Default Timeout Set to %d	DEBUG	sqlite3QueryResGet failed	ERROR
Default Retry Count Set to %d	DEBUG	empty result. nRows=%d nCols=%d	ERROR
%s - %s : %d	DEBUG	RADIUS Accounting Exchange Failed	ERROR
Deleting Server %s:%d with "	DEBUG	Unable to set debug for radAcct.	ERROR
Adding RowId:%d to Server %s:%d with "	DEBUG	Unable to set debug level for radAcct.	ERROR
rowIds: %d - %d	DEBUG	ERROR: option value not specified	ERROR
Deleting Server %s:%d with "	DEBUG	ERROR: option value not specified	ERROR
RADIUS Deconfigured	DEBUG	Unable to initialize RADIUS	ERROR
Found Option %s on line %d of file %s	DEBUG	radEapMsgQueueAdd: Invalid EAP packet length(%d)	ERROR
Setting Option %s with value %s	DEBUG	radEapRecvTask: invalid EAP code:%d	ERROR
RADIUS Configured	DEBUG	radEapRecvTask: Packet length mismatch %d, %d	ERROR
%d : Server %s:%d with "	DEBUG	No attributes received in Access-Challenge message	ERROR
DBUpdate event: Table: %s opCode:%d rowId:%d	DEBUG	No State Attribute in Access-Challenge message	ERROR
Host IP address: %s	DEBUG	radEapRecvTask: "	ERROR
Adding Packet for existing cookie:%p	DEBUG	failed to initialize UMI	ERROR
Adding Packet and cookie:%p	DEBUG	umiRegister failed. errno=%d	ERROR

Releasing Packet and cookie:%p	DEBUG	Invalid arguments to ioctl handler	ERROR
Releasing Packet with cookie:%p	DEBUG	radEapSendRtn: Invalid Arguments	ERROR
Received EAP-Identity from Pnac: %s	DEBUG	radEapSendRtn: failed to allocate buffer	ERROR
Filling User-Name: %s	DEBUG	umiloctl failed	ERROR
Filling State:	DEBUG	failed to initialize EAP message queue	ERROR
Filling EAP-Message:	DEBUG	Unable to set debug for radEap.	ERROR
Filling Service-Type: %d	DEBUG	Unable to set debug level for radEap.	ERROR
Filling Framed-MTU: %d	DEBUG	ERROR: option value not specified	ERROR
Received Access-Challenge from Server	DEBUG	ERROR: option value not specified	ERROR
Sending Reply EAP Packet to Pnac	DEBUG	could not initialize MGMT framework	ERROR
Error sending packet to Pnac	DEBUG	Unable to initialize RADIUS	ERROR
RADIUS Authentication Failed; "	DEBUG	Unable to set debug for radEap.	ERROR
RADIUS Authentication Successful; "	DEBUG	Unable to set debug level for radEap.	ERROR
Got Packet with cookie:%p	DEBUG	ERROR: option value not specified	ERROR
Next DNS Retry after 1 min	DEBUG	Unable to initialize RADIUS	ERROR
Next Synchronization after"	DEBUG	Invalid username or password	ERROR
Next Synchronization after"	DEBUG	Unable to set debug for radAuth.	ERROR
Next Synchronization after %d \	DEBUG	Unable to set debug level for radAuth.	ERROR
Primary is not available, "	DEBUG	ERROR: option value not specified	ERROR
Secondary is not available, "	DEBUG	Unable to initialize RADIUS	ERROR
Invalid value for use default servers, "	DEBUG	Invalid username, challenge or response	ERROR
No server is configured, "	DEBUG	Unable to set debug for radAuth.	ERROR
Backing off for %d seconds	DEBUG	Unable to set debug level for radAuth.	ERROR
Requesting time from %s	DEBUG	ERROR: option value not specified	ERROR
Synchronized time with %s	DEBUG	Unable to initialize RADIUS	ERROR
Received KOD packet from %s	DEBUG	Invalid username or password	ERROR
No suitable server found %s	DEBUG	usage : %s <DB fileName>	ERROR
Received Invalid Length packet from %s	DEBUG	ntpd : umi initialization failed	ERROR
Received Invalid Version packet from %s	DEBUG	ntpd : ntpInit failed	ERROR
Received Invalid Mode packet from %s	DEBUG	ntpd : ntpMgmtInit failed	ERROR
Request Timed out from %s	DEBUG	There was an error while getting the timeZoneChangeScript."	ERROR
Looking Up %s	DEBUG	unexpected reply from %d cmd=%d !	ERROR
Timezone difference :%d	DEBUG	cmd %d not supported. caller %d	ERROR
Could not open file: %s	DEBUG	default reached	ERROR

Could not read data from file	DEBUG	Unable to initialize ntpControl	ERROR
ntpTblHandler	DEBUG	ntpMgmt : Couldn't open database %s	ERROR
status: %d	DEBUG	ERROR : incomplete DB update information	ERROR
tz: %d	DEBUG	empty update. nRows=%d nCols=%d	ERROR
DayLightsaving: %d	DEBUG	Error in executing DB update handler	ERROR
pNtpControl->ServerNames[PRIMARY_SERVER]: %s	DEBUG	requestNtpTime: Invalid addr	ERROR
pNtpControl->ServerNames[SECONDARY_SERVER]: %s	DEBUG	failed to take lock for compId: %d	ERROR
DS: %d	DEBUG	failed to convert ioctl args to buffer for"	ERROR
pPriServ %s	DEBUG	request timeout dst(%d) <-- src(%d)	ERROR
pSecServ %s	DEBUG	failed to take lock for compId: %d	ERROR
Making request from %d --> %d	DEBUG	umiloctlArgsToBuf: failed to allocate memory	ERROR
sent request dst(%d) <-- src(%d) using option %d	DEBUG	umiRecvFrom: could not allocate memory	ERROR
received request too small!(%d bytes)	DEBUG	adpMalloc failed	ERROR
Received a UMI request from %d	DEBUG	context with ID: %d already registered	ERROR
sent a reply src(%d) ---> dst(%d)	DEBUG	Failed to allocate memory for creating UMI context	ERROR
umiRegister (%x,%x,%x,%x)	DEBUG	Failed to create recvSem for UMI context	ERROR
srcId=%d(%s) --> destId=%d(%s) cmd=%d inLen=%d outLen=%d	DEBUG	Failed to create mutex locks for UMI context	ERROR
waiting for reply...Giving Up	DEBUG	Failed to create mutex recvQLock for UMI context	ERROR
No request in the list after semTake	DEBUG	Invalid arguments to umiloctl	ERROR
reply timeout	DEBUG	could not find the destination context	ERROR
timeout after semTake	DEBUG	memPartAlloc for %d size failed	ERROR
srcId=%d(%s) <-- destId=%d(%s) cmd=%d	DEBUG	memPartAlloc for %d size failed	ERROR
Un-registerting component with Id %d	DEBUG	No Handler registered for this UMI context	ERROR
failed to send ioctl request: dst(%d) <--- src(%d)	DEBUG	Couldn't find component with ID (%d),"	ERROR
processed a reply dst(%d) <-- src(%d)	DEBUG	id=%d handler=%x	ERROR
request with no result option dst(%d) <-- src(%d)	DEBUG	Received NULL buffer in umiBufToIoctlArgs()	ERROR
cmd = %s	DEBUG	usbMgmtInit: unable to open the database file %s	ERROR
cmdstring is %s %s:%d	DEBUG	call to printConfig failed	ERROR
Calling printerConfig binary ...	DEBUG	Failed to Disable Network Storage"	ERROR
Calling unmount for USB ...	DEBUG	Some error occurred while removing device	ERROR
Calling mount for USB ...	DEBUG	Some error occurred while removing device	ERROR
usbdevice is %d %s:%d	DEBUG	Sqlite update failed	ERROR

Query string: %s	DEBUG	Failed to enable printer properly	ERROR
sqlite3QueryResGet failed.Query:%s	DEBUG	Failed to mount device on system	ERROR
%s: 1. usb is already disconnected for old usb type. "	DEBUG	Failed to enable network storage device"	ERROR
%s: 2.call disable for new usb type !	DEBUG	Failed to mount device on system	ERROR
%s: 3. usb is already disconnected for old usb type. "	DEBUG	Sqlite update failed	ERROR
%s: 4. Disabled old usb type . Now "	DEBUG	USB1 Touch failed	ERROR
usbdevice is %d %s:%d	DEBUG	USB2 Touch failed	ERROR
USB: failed to begin transaction: %s	DEBUG	Sqlite update failed	ERROR
USB: SQL error: %s pSetString = %s	DEBUG	Failed query: %s	ERROR
USB: failed to commit transaction: %s	DEBUG	Failed to execute usb database update handler	ERROR
USB: updated table: %s	DEBUG	Usage:%s <DBFile> <opType> <tblName> <rowId>	ERROR
USB: returning with status: %s	DEBUG	Illegal invocation of snmpConfig (%s)	ERROR
%s:DBUpdate event: Table: %s opCode:%d rowId:%d	DEBUG	Invalid Community Access Type	ERROR
executing %s status =%d	DEBUG	Invalid User Access Type	ERROR
executing %s	DEBUG	Invalid Security Level	ERROR
%s returned status=%d	DEBUG	Invalid Authentication Algorithm	ERROR
%s returned status=%d	DEBUG	Invalid Privacy Algorithm	ERROR
snmpd.conf not found	DEBUG	Invalid Argument	ERROR
[SNMP_DEBUG] : Fwrite Successful	DEBUG	Failed to allocate memory for engineID	ERROR
[SNMP_DEBUG] : Fwrite failed	DEBUG	[SNMP_DEBUG]: Failed to get host address	ERROR
radPairGen: received unknown attribute %d of length %d	WARN	[SNMP_DEBUG] : FOPEN failed	ERROR
radPairGen: %s has unknown type	WARN	sqlite3QueryResGet failed.Query:%s	ERROR
radPairLocate: unknown attribute %ld of length %d	WARN	sqlite3QueryResGet failed.Query:%s	ERROR
radPairLocate: %s has unknown type	WARN	Invalid Security Level	ERROR
Illegal invocation of cpuMemUsage (%s)	ERROR	Invalid Authentication Algorithm	ERROR
cpuMemUsageDBUpdateHandler: SQL error: %s	ERROR	Invalid Privacy Algorithm	ERROR
unable to open the DB file %s	ERROR	Failed to Get Host Address	ERROR
umiInit failed	ERROR	Invalid version	ERROR
unable to register to UMI	ERROR	snmp v3 Trap Configuration Failed	ERROR
Error Reading from the Database.	ERROR	sqlite3QueryResGet failed query:%s	ERROR
short DB update event request!	ERROR	sqlite3QueryResGet failed.Query:%s	ERROR
Error in executing DB update handler	ERROR	Failed to Open Snmp Configuration File	ERROR

adpListNodeRemove : Returned with an error	ERROR	Failed to write access control entries	ERROR
command too long. Try increasing "	ERROR	Failed to write snmpv3 users entries	ERROR
failed to allocate memory for CRON_NODE	ERROR	Failed to write snmp trap entries	ERROR
sqlite3QueryResGet failed	ERROR	Failed to write system entries.	ERROR
There was an error while reading the schedules.	ERROR	Failed to restart snmp	ERROR
unable to register to UMI	ERROR	%s failed with status	ERROR
short DB update event request!	ERROR	Error in executing DB update handler	ERROR
malloc(DB_UPDATE_NODE) failed	ERROR	%s: Unable to open file: %s	ERROR
short ifDev event request!	ERROR	RADVD start failed	ERROR
sqlite3_mprintf failed	ERROR	RADVD stop failed	ERROR
no component id matching %s	ERROR	failed to create/open RADVD configuration file %s	ERROR
umiloctl (%s, UMI_CMD_DB_UPDATE(%d)) failed.	ERROR	Restoring old configuration..	ERROR
sqlite3_mprintf failed	ERROR	failed to write/update RADVD configuration file	ERROR
sqlite3_mprintf failed	ERROR	upnpDisableFunc failed	ERROR
no component id matching %s	ERROR	upnpEnableFunc failed	ERROR
umiloctl (%s, UMI_CMD_IFDEV_ EVENT(%d)) failed.	ERROR	sqlite3QueryResGet failed.Query:%s	ERROR
klogctl(9) failed	ERROR	Error in executing DB update handler	ERROR
malloc failed for %d bytes	ERROR	unable to open the DB file %s	ERROR
klogctl(4) failed	ERROR	umiInit failed	ERROR
emailLogs: Invalid Number of Arguments!! Exiting.	ERROR	unable to register to UMI	ERROR
sqlite3QueryResGet failed	ERROR	short DB update event request!	ERROR
Could not execute the smtpClient.	ERROR	short ifDev event request!	ERROR
Error while cleaning the database.Exiting. %s	ERROR	sqlite3_mprintf failed	ERROR
		%s failed. status=%d	ERROR

Facility: System (Firewall)

Log Message	Severity	Log Message	Severity
Enabling rule for protocol binding.	DEBUG	Disable all NAT rules.	DEBUG
Disabling rule for protocol binding.	DEBUG	Enable all NAT rules.	DEBUG
Enabling Remote SNMP on WAN.	DEBUG	Enabling NAT URL filter rules.	DEBUG
Disabling Remote SNMP on WAN	DEBUG	Restarting all NAT rules.	DEBUG
wan traffic counters are restared	DEBUG	Deleting schedule based firewall rules.	DEBUG
Traffic limit has been reached	DEBUG	Deleting schedule based firewall rules from DB.	DEBUG
Traffic meter monthly limit has been changed to %d.	DEBUG	Update schedule based firewall rules in DB.	DEBUG
Enabling traffic meter for only dowload.	DEBUG	Restart schedule based firewall rules.	DEBUG
Enabling traffic meter for both directions.	DEBUG	inter vlan routing enabled	DEBUG
Enabling traffic meter with no limit.	DEBUG	inter vlan routing disabled	DEBUG
Email alert in traffic meter disabled.	DEBUG	Disabling Content Filter for %d	DEBUG
Email alert in traffic meter enabled.	DEBUG	Enabling Content Filter for %d	DEBUG
Traffic Meter:Monthly limit %d MB has been "	DEBUG	./src/firewall/linux/user/ firewalld.c:59:#undef ADP_DEBUG2	DEBUG
Traffic Metering: Adding rule to drop all traffic	DEBUG	./src/firewall/linux/user/ firewalld.c:61:#define ADP_DEBUG2 printf	DEBUG
Traffic Metering: %sabling Email traffic	DEBUG	Enabling Source MAC Filtering	DEBUG
Disabling attack checks for IPv6 rules.	DEBUG	Disabling Source MAC Filtering	DEBUG
Enabling attack checks for IPv6 rules.	DEBUG	Adding MAC Filter Policy for Block & Permit Rest	DEBUG
Configuring one to one NAT settings with %s private start IP "	DEBUG	Adding MAC Filter Policy for Permit & Block Rest	DEBUG
Deleting forward one to one NAT having setting %s private start"	DEBUG	Restarting Source MAC Address Policy	DEBUG
Disabling attack check for Block ping to WAN interface.	DEBUG	Disabling Firewall Rule for DHCP Relay Protocol	DEBUG
Disabling attack check for Stealth mode for tcp	DEBUG	Enabling Firewall Rule for DHCP Relay Protocol	DEBUG
Disabling attack check for Stealth mode for udp	DEBUG	prerouting Firewall Rule add for Relay failed	DEBUG

Disabling attack check for TCP Flood.	DEBUG	prerouting Firewall Rule add for Relay failed	DEBUG
Disabling attack check for UDP Flood.	DEBUG	Deleting MAC Filter Policy for Address %s	DEBUG
Disabling attack check for IPsec.	DEBUG	Adding MAC Filter Policy for Address %s	DEBUG
Disabling attack check for PPTP.	DEBUG	Disabling Firewall Rules for DMZ host	DEBUG
Disabling attack check for L2TP.	DEBUG	Enabling Firewall Rules for DMZ host	DEBUG
Disabling attack check for UDP Flood.	DEBUG	Disabling Firewall Rules for Spill Over Load Balancing	DEBUG
Disabling attack check for IPsec.	DEBUG	Disabling Firewall Rules for Load Balancing	DEBUG
Disabling attack check for PPTP.	DEBUG	Enabling Firewall Rules for Load Balancing	DEBUG
Disabling attack check for L2TP.	DEBUG	Enabling Firewall Rules for Spill Over Load Balancing	DEBUG
Enabling attack check for Block ping to WAN "	DEBUG	Enabling Firewall Rules for Auto Failover	DEBUG
Enabling attack check for Stealth Mode for tcp.	DEBUG	Enabling Firewall Rules for Load Balancing .	DEBUG
Enabling attack check for Stealth Mode for udp.	DEBUG	Enabling Firewall Rules for Spill Over Load Balancing .	DEBUG
Enabling attack check for TCP Flood.	DEBUG	Enabling Firewall Rules for Auto Failover	DEBUG
Enabling attack check for UDP Flood.	DEBUG	Deleting BlockSites Keyword \	DEBUG
Enabling attack check for IPsec.	DEBUG	Enabling BlockSites Keyword \	DEBUG
Enabling attack check for PPTP.	DEBUG	Disabling BlockSites Keyword \	DEBUG
Enabling attack check for L2TP.	DEBUG	Updating BlockSites Keyword from \	DEBUG
Enabling attack check for UDP Flood.	DEBUG	Inserting BlockSites Keyword \	DEBUG
Enabling attack check for IPsec.	DEBUG	Deleting Trusted Domain \	DEBUG
Enabling attack check for PPTP.	DEBUG	Adding Trusted Domain \	DEBUG
Enabling attack check for L2TP.	DEBUG	Restarting Schedule Based Firewall Rules	DEBUG
Enabling DoS attack check with %d SyncFlood detect rate, "	DEBUG	Enabling Remote SNMP	DEBUG
Disabling DoS attack check having %d SyncFlood detect rate,"	DEBUG	Disabling Remote SNMP	DEBUG
Enabling ICSA Notification Item for ICMP notification.	DEBUG	Enabling Remote SNMP	DEBUG
Enabling ICSA Notification Item for Fragmented Packets.	DEBUG	Disabling DOS Attacks	DEBUG
Enabling ICSA Notification Item for Multi cast Packets.	DEBUG	Enabling DOS Attacks	DEBUG
Disabling ICSA Notification Item for ICMP notification.	DEBUG	Enabling DOS Attacks	DEBUG
Disabling ICSA Notification Item for Fragmented Packets.	DEBUG	Restarting Firewall [%d]:[%d] For %s	DEBUG
Disabling ICSA Notification Item for Multi cast Packets.	DEBUG	restartStatus = %d for LogicalIfName = %s	DEBUG

Adding IP/MAC binding rule for %s MAC address "	DEBUG	Deleting Lan Group %s	DEBUG
Deleting IP/MAC binding rule for %s MAC "	DEBUG	Adding Lan Group %s	DEBUG
./src/firewall/linux/user/ firewalld.c:60:#undef ADP_DEBUG	DEBUG	Deleting lan host %s from group %s	DEBUG
./src/firewall/linux/user/ firewalld.c:62:#define ADP_DEBUG printf	DEBUG	Adding lan host %s from group %s	DEBUG
Restarting traffic meter with %d mins, %d hours, "	DEBUG	Disabling Firewall Rule for IGMP Protocol	DEBUG
Updating traffic meter with %d mins, %d hours, "	DEBUG	Enabling Firewall Rule for IGMP Protocol	DEBUG
Deleting traffic meter.	DEBUG	Deleting IP/MAC Bind Rule for MAC address %s and IP "	DEBUG
Disabling block traffic for traffic meter.	DEBUG	Adding IP/MAC Bind Rule for MAC address %s and IP	DEBUG
Enabling traffic meter.	DEBUG	Deleting Protocol Bind Rule for Service %s	DEBUG
Adding lan group %s.	DEBUG	Deleting Protocol Bind Rule for Service %s	DEBUG
Deleting lan group %s.	DEBUG	Deleting Protocol Bind Rule for Service %s	DEBUG
Renaming lan group from %s to %s.	DEBUG	Adding Protocol Bind Rule for Service %s	DEBUG
Deleting host %s from %s group.	DEBUG	%s Session Settings	DEBUG
Adding host %s to %s group.	DEBUG	Restarting IPv6 Firewall Rules...	DEBUG
Enabling Keyword blocking for %s keyword.	DEBUG	Deleting Port Trigger Rule for %d:%d:%d:%d:%d	DEBUG
Disabling keyword Blocking for %s keyword .	DEBUG	Deleting Port Trigger Rule for %d:%d:%d:%d:%d	DEBUG
Deleting trusted domain with keyword %s.	DEBUG	Enabling Port Trigger Rule for %d:%d:%d:%d:%d	DEBUG
Adding %s keyword to trusted domain.	DEBUG	Disabling Port Trigger Rule for %d:%d:%d:%d:%d	DEBUG
Enabling Management Access from Internet on port %d	DEBUG	Enabling Port Trigger Rule for %d:%d:%d:%d:%d	DEBUG
Enabling remote access management for IP address range"	DEBUG	Disabling Port Trigger Rule for %d:%d:%d:%d:%d	DEBUG
Enabling remote access management to only this PC.	DEBUG	Adding Port Trigger Rule for %d:%d:%d:%d:%d	DEBUG
Disabling Management Access from Internet on port %d	DEBUG	Enabling Content Filter	DEBUG
Disabling remote access management for IP address range"	DEBUG	Disabling Content Filter	DEBUG
Disabling remote access management only to this PC.	DEBUG	Enabling Content Filter	DEBUG
MAC Filtering %sabled for BLOCK and PERMIT REST.	DEBUG	Setting NAT mode for pLogicalIfName = %s	DEBUG
MAC Filtering %sabled for PERMIT and BLOCK REST.	DEBUG	Enabling DROP for INPUT	DEBUG
Enabling Content Filtering.	DEBUG	Enabling DROP for FORWARD	DEBUG
Disabling Content Filtering.	DEBUG	Enabling NAT based Firewall Rules	DEBUG

Deleting rule, port triggering for protocol TCP.	DEBUG	Setting transparent mode for pLogicalIfName \	DEBUG
Deleting rule, port triggering for protocol UDP.	DEBUG	Enabling Accept for INPUT	DEBUG
Deleting rule, port triggering for protocol TCP.	DEBUG	Enabling Accept for FORWARD	DEBUG
Deleting rule, port triggering for protocol UDP.	DEBUG	Setting Routing mode for pLogicalIfName \	DEBUG
Enabling rule, port triggering for protocol TCP.	DEBUG	Enabling DROP for INPUT	DEBUG
Enabling rule, port triggering for protocol UDP.	DEBUG	Enabling DROP for FORWARD	DEBUG
Enabling rule, port triggering for protocol TCP.	DEBUG	Disabling NAT based Firewall Rules	DEBUG
Enabling rule, port triggering for protocol UDP.	DEBUG	Enabling Firewall Rules for URL Filtering &"	DEBUG
Enabling DNS proxy.	DEBUG	Adding Firewall Rule for RIP Protocol	DEBUG
Restarting DNS proxy.	DEBUG	Restarting Schedule Based Firewall Rules	DEBUG
checking DNS proxy for Secure zone.	DEBUG	enabling IPS checks between %s and %s zones.	DEBUG
checking DNS proxy for Public zone.	DEBUG	disabling IPS checks between %s and %s zones.	DEBUG
Enabling Block traffic from %s zone.	DEBUG	Stopping IPS...%s	DEBUG
Configuring firewall session settings for "	DEBUG	IPS started.	DEBUG
Disabling DMZ	DEBUG	Route already exists	DEBUG
Disabling WAN-DMZ rules .	DEBUG	Route addition failed: Network Unreachable	DEBUG
Enabling WAN DMZ rules .	DEBUG	Route addition failed: Network is down	DEBUG
Restarting DMZ rule having %s address with %s address.	DEBUG	Route addition failed	DEBUG
Enabling LAN DHCP relay.	DEBUG	Failed to add rule in iptables	DEBUG
OneToOneNat configured successfully	DEBUG	Failed to delete rule from iptables	DEBUG
OneToOneNat configuration failed	DEBUG	fwLBSpillOverConfigure: Something going wrong here	ERROR
Deleting scheduled IPv6 rules.	DEBUG	fwLBSpillOverConfigure: unable to get interfaceName	ERROR
delete from FirewallRules6 where ScheduleName = '%s'.	DEBUG	fwLBSpillOverConfigure: Could not set PREROUTING rules	ERROR
Update FirewallRules6 where ScheduleName = '%s' to New "	DEBUG	fwLBSpillOverConfigure: Could not set POSTROUTING rules	ERROR
Dns proxy Restart failed	DEBUG	fwLBSpillOverConfigure: Something going wrong Here	ERROR
deleting interface to ifgroup failed	DEBUG	fwL2TPGenericRules.c: unable to open the database file "	ERROR
adding interface to ifgroup failed	DEBUG	fwL2TPGenericRules.c: inet_aton failed	ERROR
deleting interface pVirtIface %s from ifgroup %d"	DEBUG	fwPPTPGenericRules.c: unable to open the database file "	ERROR
adding interface pVirtIface %s to ifgroup %d failed	DEBUG	fwPPTPGenericRules.c: inet_aton failed	ERROR
Deleting IP address %s.	DEBUG	DNS proxy firewall rule add failed for %s	ERROR
Adding new IP address %s.	DEBUG	deleting interface %s from ifgroup %d failed	ERROR
Updating old IP address %s to new IP address %s.	DEBUG	adding interface %s to ifgroup %d failed	ERROR

Restarting Firewall For %s Address Update from %s:%s	DEBUG	nimfBridgeTblHandler: unable to get interfaceName	ERROR
Disabling Firewall Rule for MSS packet marking	DEBUG	nimfBridgeTblHandler: \	ERROR
Enabling Firewall Rule for MSS packet marking	DEBUG	nimfBridgeTblHandler: unable to get \	ERROR
Enabling packet marking rule for %s IDLE timer	DEBUG	Failed to %s traffic from %s to %s to IPS.	ERROR
Deleted firewall rule %s for service %s with action %s	DEBUG	Failed to %s traffic from %s to %s to IPS.	ERROR
%s firewall rule %s for service %s with action %s	DEBUG	failed to start IPS service.	ERROR
Added firewall rule %s for service %s with action %s	DEBUG	Timeout in waiting for IPS service to start.	ERROR
Deleting inbound(WAN-LAN) firewall rule.	DEBUG	Usage:%s <DBFile> <opType> <tblName> <rowId> "	ERROR
Deleting inbound(WAN-DMZ) firewall rule.	DEBUG	xlr8NatConfig: illegal invocation of (%s)	ERROR
RIPng disabled.	DEBUG	Illegal invocation of [%s]	ERROR
RIPng enabled.	DEBUG	xlr8NatMgmtTblHandler: failed query: %s	ERROR
Disable IPv6 firewall rule.	DEBUG	Could not open file: %s	ERROR
Enable IPv6 firewall rule.	DEBUG	Rip Error Command Too Long	ERROR
Deleting IGMP proxy rule.	DEBUG	No authentication for Ripv1	ERROR
Enable IGMP proxy rule.	DEBUG	Invalid Rip Direction	ERROR
Restarting IGMP rule.	DEBUG	Invalid Rip Version	ERROR
Traffic meter enabled with no limit type.	DEBUG	Invalid Password for 1st Key	ERROR
Traffic meter enabled for only download.	DEBUG	Invalid Time for 1st Key	ERROR
Traffic meter enabled for both directions.	DEBUG	Invalid Password for 2nd Key	ERROR
Deleted firewall rule %s for service %s with action %s	DEBUG	Invalid Time for 2nd Key	ERROR
%s firewall rule %s for service %s with action %s	DEBUG	Invalid First KeyId	ERROR
Added firewall rule %s for service %s with action %s	DEBUG	Invalid Second KeyId	ERROR
Enabling Inter VLAN routing.	DEBUG	Invalid Authentication Type	ERROR
Updating inter VLAN routing status.	DEBUG	ripDisable failed	ERROR
Deleting inter VLAN routing.	DEBUG	ripEnable failed	ERROR

Facility: Local0 (Wireless)

Log Message	Severity	Log Message	Severity
(node=%s) setting %s to val = %d	DEBUG	sqlite3QueryResGet failed	ERROR
Custom wireless event: '%s'	DEBUG	sqlite3QueryResGet failed	ERROR
Wireless event: cmd=0x%x len=%d	DEBUG	VAP(%s) set beacon interval failed	ERROR
New Rogue AP (%02x:%02x:%02x:%02x:%02x:%02x) detected	DEBUG	VAP(%s) set DTIM interval failed	ERROR
WPS session in progress, ignoring enrolle assoc request	DEBUG	VAP(%s) set RTS Threshold failed	ERROR
ran query %s	DEBUG	VAP(%s) set Fragmentation Threshold failed	ERROR
DBUpdate event: Table: %s opCode:%d rowId:%d	DEBUG	VAP(%s) set Protection Mode failed	ERROR
%sing VAPs using profile %s	DEBUG	VAP(%s) set Tx Power failed	ERROR
%sing VAP %s	DEBUG	WDS Profile %s not found	ERROR
ran query %s	DEBUG	Failed to initalize WPS on %s	ERROR
%sing VAP instance %s	DEBUG	failed to get profile %s	ERROR
VAP(%s) set Short Preamble failed	DEBUG	could not initialize MGMT framework	ERROR
VAP(%s) set Short Retry failed	DEBUG	could not initialize MGMT framework	ERROR
VAP(%s) set Long Retry failed	DEBUG	dot11VapBssidUpdt SQL error: %s	ERROR
Decrypting context with key %s	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
Unknown IAPP command %d received.	DEBUG	KDOT11_GET_PARAM(IEEE80211_IOC_ CHANNEL) failed	ERROR
unexpected reply from %d cmd=%d !	DEBUG	Failed to get the channel setting for %s	ERROR
unexpected reply from %d cmd=%d !	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
Recvied DOT11_EAPOL_KEYMSG	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
shutting down AP:%s	DEBUG	profile %s not found	ERROR
APCtx Found	DEBUG	sqlite3QueryResGet failed.Query:%s	ERROR
APCtx Not-Found	DEBUG	Interface name and policy must be specified	ERROR

node not found *:*:*:%x:%x:%x	DEBUG	Interface name and policy must be specified	ERROR
error installing unicast key for %s	DEBUG	invalid ACL type %d	ERROR
cmd =%d i_type =%d i_val=%d	DEBUG	interface name not specified	ERROR
join event for new node %s	DEBUG	interface name not specified	ERROR
wpa/rsn IE id %d/%d not supported	DEBUG	Invalid interface - %s specified	ERROR
wpa IE id %d not supported	DEBUG	buffer length not specified	ERROR
leave event for node %s	DEBUG	Invalid length(%d) specified	ERROR
NodeFree request for node : %s	DEBUG	failed created iappdLock	ERROR
installing key to index %d	DEBUG	failed to create cipher contexts.	ERROR
iReq.i_val : %d	DEBUG	unable to register to UMI	ERROR
pIfName : %s	DEBUG	iappSockInit() failed	ERROR
iReq.i_val : %d	DEBUG	iappInit got error, unregistering it with UMI	ERROR
setting mode: %d	DEBUG	umiloctl(UMI_COMP_UDOT11,%d,%d) failed	ERROR
Global counter wrapped, re-generating...	DEBUG	umiloctl(UMI_COMP_KDOT11,%d,%d) failed	ERROR
Got PNAC_EVENT_PREAUTH_SUCCESS event for : %s	DEBUG	UDP failed, received Length is %d	ERROR
event for non-existent node %s	DEBUG	umiloctl(UMI_COMP_KDOT11,	ERROR
PNAC_EVENT_EAPOL_START event received	DEBUG	umiloctl(UMI_COMP_UDOT11,%d,%d) \	ERROR
PNAC_EVENT_EAPOL_LOGOFF event received	DEBUG	umiloctl(UMI_COMP_KDOT11,%d,%d) \	ERROR
PNAC_EVENT_REAUTH event received	DEBUG	No IAPP Node found for req id %d	ERROR
PNAC_EVENT_AUTH_SUCCESS event received	DEBUG	umiloctl(UMI_COMP_UDOT11,%d,%d) \	ERROR
PNAC_EVENT_PORT_STATUS_CHANGED event received	DEBUG	umiloctl(UMI_COMP_KDOT11,%d,%d) \	ERROR
unsupported event %d from PNAC	DEBUG	umiloctl(UMI_COMP_UDOT11,%d,%d) failed	ERROR
event for non-existent node %s. Create new node.	DEBUG	UDP socket is not created	ERROR
Add new node to DOT11 Node list	DEBUG	UDP send failed	ERROR
Update dot11STA database	DEBUG	IAPP: socket (SOCK_STREAM) failed.	ERROR
Add PMKSA to the list	DEBUG	IAPP: TCP connect failed to %s.	ERROR
eapolRecvAuthKeyMsg: received key message	DEBUG	cmd %d not supported.sender=%d	ERROR
node not found	DEBUG	umiloctl(UMI_COMP_KDOT11,%d,%d) failed	ERROR

eapolRecvKeyMsg: replay counter not incremented	DEBUG	IAPP-CACHE-NOTIFY-REQUEST send to	ERROR
eapolRecvKeyMsg: replay counter is not same	DEBUG	./src/dot11/iapp/iappLib.c:1314: ADP_ERROR (	ERROR
processing pairwise key message 2	DEBUG	BSSID value passed is NULL	ERROR
RSN IE matching: OK	DEBUG	reserved requestId is passed	ERROR
processing pairwise key message 4	DEBUG	interface name is NULL	ERROR
processing group key message 2	DEBUG	IP address value passed is NULL	ERROR
processing key request message from client	DEBUG	opening receive UDP socket failed	ERROR
WPA version %2x %2x not supported	DEBUG	enabling broadcast for UDP socket failed	ERROR
(%s) group cipher %2x doesn't match	DEBUG	opening receive TCP socket for new AP failed	ERROR
(%s)Pairwise cipher %s not supported	DEBUG	./src/dot11/iapp/iappLib.c:1784: ADP_ERROR(	ERROR
(%s) authentication method %d not supported	DEBUG	./src/dot11/iapp/iappLib.c:1794: ADP_ERROR(	ERROR
%s:Auth method=%s pairwise cipher=%s IE size=%d	DEBUG	./src/dot11/iapp/iappLib.c:1803: ADP_ERROR(	ERROR
WPA version %2x %2x not supported	DEBUG	failed created dot11dLock.	ERROR
Unable to obtain IE of type %d	DEBUG	failed initialize profile library.	ERROR
PTK state changed from %s to %s	DEBUG	failed to create cipher contexts.	ERROR
using PMKSA from cache	DEBUG	unable to register to UMI	ERROR
PTK GK state changed from %s to %s	DEBUG	could not create MIB tree	ERROR
GK state changed from %s to %s	DEBUG	unable to register to PNAC	ERROR
Sending PTK Msg1	DEBUG	Max registration attempts by DOT11 to PNAC exceeded	ERROR
Sending PTK Msg3	DEBUG	Creation of EAP WPS Profile Failed	ERROR
Sending GTK Msg1	DEBUG	umiloctl(UMI_COMP_IAPP,%d) failed	ERROR
sending EAPOL pdu to PNAC...	DEBUG	DOT11_RX_EAPOL_KEYMSG: unknown ifname %s	ERROR
creating pnac authenticator with values %d %d - %s	DEBUG	cmd %d not supported.sender=%d	ERROR
Profile %s does not exist	DEBUG	inteface name passed is NULL	ERROR
IAPP initialized.	DEBUG	BSSID passed is NULL	ERROR
Encrypting context key=%s for	DEBUG	inteface name passed is NULL	ERROR
could not find access point context for %s	DEBUG	unable to allocate memory for DOT11_ CTX	ERROR
join event for existing node %s	DEBUG	unable to install wme mapping on %s	ERROR

failed to send PNAC_FORCE_AUTHORIZED "	DEBUG	unable to get %s mac address	ERROR
failed to send PNAC_AUTHORIZED "	DEBUG	Failed to set %s SSID	ERROR
failed to send PNAC_VAR_KEY_AVAILABLE (TRUE) "	DEBUG	Failed to set SSID broadcast status	ERROR
failed to send PNAC_VAR_KEY_TX_EN (TRUE) "	DEBUG	Failed to set PreAuth mode	ERROR
failed to send PNAC_VAR_KEY_TX_EN (FALSE) "	DEBUG	unable to install key	ERROR
failed to send PNAC_FORCE_AUTHORIZED "	DEBUG	KDOT11_SET_PARAM:IEEE80211_IOC_ AUTHMODE failed	ERROR
failed to send PNAC_AUTHORIZED "	DEBUG	KDOT11_SET_PARAM:IEEE80211_IOC_ PRIVACY failed	ERROR
mic verification: OK	DEBUG	wpaInit failed	ERROR
pnacIfConfig: Invalid supplicant"	DEBUG	dot11InstallProfile: unable to get interface index	ERROR
Failed to process user request	DEBUG	adpHmacInit(%s) failed	ERROR
Failed to process user request - %s(%d)	DEBUG	interface %s not found	ERROR
pnacIfConfigUmiloctl: umiloctl failed	DEBUG	AP not found on %s	ERROR
pnacIfConfigUmiloctl: usrPnac returned %d	DEBUG	keyLen > PNAC_KEY_MAX_SIZE	ERROR
pnacIfConfigUmiloctl: usrPnac returned %d	DEBUG	Invalid profile name passed	ERROR
pnacIfConfigUmiloctl: usrPnac returned %d	DEBUG	Creation of WPS EAP Profile failed	ERROR
pnacKernNotifier: invalid PAE configuration "	DEBUG	unsupported command %d	ERROR
From pnacEapDemoAuthRecv: unsupported response "	DEBUG	device %s not found	ERROR
From pnacEapDemoAuthRecv: invalid codes received	DEBUG	unsupported command %d	ERROR
From pnacRadXlateDemoRecv: received unknown "	DEBUG	dot11NodeAlloc failed	ERROR
From pnacRadXlateDemoRecv: invalid codes received	DEBUG	Getting WPA IE failed for %s	ERROR
Error from pnacRadXlateDemoRecv: malloc failed	DEBUG	Getting WPS IE failed for %s	ERROR
From pnacRadXlateRadPktHandle: received a non-supported"	DEBUG	Failed initialize authenticator for node %s	ERROR
Only md5 authentication scheme currently supported. "	DEBUG	Failed to get the system up time while adding node %s	ERROR
Message from authenticator:	DEBUG	error creating PNAC port for node %s	ERROR
from pnacPDUXmit: bufsize = %d, pktType = %d,"	DEBUG	dot11NodeAlloc failed	ERROR
pnacPDUXmit: sending eap packet. code = %d, "	DEBUG	Invalid arguments.	ERROR
pnacRecvRtn: no corresponding pnac port pae found	DEBUG	umiloctl(UMI_COMP_IAPP,%d) failed	ERROR
sending unicast key	DEBUG	Invalid IE.	ERROR
sending broadcast key	DEBUG	umiloctl(UMI_COMP_KDOT11_VAP,%d) failed	ERROR
from pnacAuthPAEDisconnected: calling pnacTxCannedFail	DEBUG	umiloctl(UMI_COMP_KDOT11,%d ,%d) failed	ERROR
from pnacAuthPAEForceUnauth: calling pnacTxCannedFail	DEBUG	KDOT11_SET_PARAM:IEEE80211_IOC_ WME_CWMIN failed	ERROR

state changed from %s to %s	DEBUG	KDOT11_SET_PARAM:IEEE80211_IOC_WME_CWMAX failed	ERROR
PNAC user comp id not set. dropping event %d	DEBUG	KDOT11_SET_PARAM:IEEE80211_IOC_WME_AIFS failed	ERROR
sending event %d to %d	DEBUG	KDOT11_SET_PARAM:80211_IOC_WME_TXOPLIMIT failed	ERROR
requesting keys informantion from %d	DEBUG	KDOT11_SET_PARAM:IEEE80211_IOC_WME_ACM failed	ERROR
pnacUmiPortPaeParamSet: error in getting port pae	DEBUG	KDOT11_SET_PARAM:IEEE80211_IOC_WME failed	ERROR
pnacUmiPortPaeParamSet: invalid param - %d	DEBUG	invalid group cipher %d	ERROR
pnacRecvASInfoMessage: Skey of length %d set	DEBUG	KDOT11_SET_PARAM:IEEE80211_IOC_MCASTCIPHER failed	ERROR
pnacRecvASInfoMessage: reAuthPeriod set to: %d	DEBUG	KDOT11_SET_PARAM:IEEE80211_IOC_MCASTKEYLEN failed	ERROR
pnacRecvASInfoMessage: suppTimeout set to: %d	DEBUG	KDOT11_SET_PARAM:IEEE80211_IOC_UCASTCIPHERS failed	ERROR
PORT SUCCESSFULLY DESTROYED	DEBUG	KDOT11_SET_PARAM:IEEE80211_IOC_KEYMGTALGS failed	ERROR
creating physical port for %s	DEBUG	KDOT11_SET_PARAM:IEEE80211_IOC_WPA failed	ERROR
pnacAuthInit: using defualt pnacAuthParams	DEBUG	unknow cipher type = %d	ERROR
pnacSuppInit: using defualt pnacSuppParams	DEBUG	umiIoctl(UMI_COMP_IAPP,%d) failed	ERROR
Error from pnacCombinedStMachTriggerFunc: "	DEBUG	invalid media value=%d	ERROR
Error from pnacCombinedStMachTriggerFunc: "	DEBUG	invalid mediaOpt value=%d	ERROR
Error from pnacCombinedStMachTriggerFunc: "	DEBUG	invalid mode value=%d	ERROR
Error from pnacCombinedStMachTriggerFunc: "	DEBUG	dot11PnacIfCreate failed	ERROR
Error from pnacCombinedStMachTriggerFunc: "	DEBUG	wpaPRF failed	ERROR
Error from pnacCombinedStMachTriggerFunc: "	DEBUG	Error generating global key counter	ERROR
Error from pnacCombinedStMachTriggerFunc: "	DEBUG	wpaCalcMic: unsupported key descriptor version	ERROR
Error from pnacCombinedStMachTriggerFunc: "	DEBUG	integrity failed. need to stop all stations "	ERROR
Error from pnacCombinedStMachTriggerFunc: "	DEBUG	couldn't find AP context for %s interface	ERROR
received a pdu on %s	DEBUG	dot11Malloc failed	ERROR
pnacRecvMapi: protoType: %04x pPhyPort->authToASSendRtn:%p	DEBUG	dot11Malloc failed	ERROR
port not found	DEBUG	eapolRecvKeyMsg: unknown descType =%d	ERROR
from pnacRecvMapi: pkt body len = %d, pktType = %d	DEBUG	eapolRecvKeyMsg: invalid descriptor version	ERROR
from pnacPDUProcess: received PNAC_EAP_PACKET	DEBUG	eapolRecvKeyMsg: incorrect descriptor version	ERROR
from pnacPDUProcess: currentId = %d	DEBUG	eapolRecvKeyMsg: Ack must not be set	ERROR

from pnacPDUProcess: code = %d, identifier = %d, "	DEBUG	eapolRecvKeyMsg: MIC bit must be set	ERROR
from pnacPDUProcess: setting rxResp true	DEBUG	wpaAuthRecvPTKMsg2: unexpected packet received	ERROR
from pnacPDUProcess: code = %d, identifier = %d, "	DEBUG	wpaAuthRecvPTKMsg2: mic check failed	ERROR
from pnacPDUProcess: received "	DEBUG	wpaAuthRecvPTKMsg2: rsn ie mismatch	ERROR
from pnacPDUProcess: received "	DEBUG	wpaAuthRecvPTKMsg4: unexpected packet received	ERROR
from pnacPDUProcess: received PNAC_ EAPOL_KEY_PACKET	DEBUG	wpaAuthRecvPTKMsg4: keyDataLength not zero	ERROR
doing pnacTxCannedFail	DEBUG	wpaAuthRecvPTKMsg4: mic check failed	ERROR
doing pnacTxCannedSuccess	DEBUG	wpaAuthRecvGTKMsg2: unexpected packet received	ERROR
doing pnacTxReqId	DEBUG	secureBit not set in GTK Msg2	ERROR
doing pnacTxReq	DEBUG	wpaAuthRecvGTKMsg2: keyDataLength not zero	ERROR
doing pnacTxStart	DEBUG	wpaAuthRecvGTKMsg2: mic check failed	ERROR
doing pnacTxLogoff	DEBUG	wpaAuthRecvKeyReq: unexpected packet received	ERROR
doing pnacTxRspId: 1st cond	DEBUG	wpaAuthRecvKeyReq: keyDataLength not zero	ERROR
doing pnacTxRspId: entering 2nd cond	DEBUG	wpaAuthRecvKeyReq: mic check failed	ERROR
from pnacTxRspId: code = %d, identifier = %d, length = %d, "	DEBUG	invalid OUI %x %x %x	ERROR
doing pnacTxRspId: 2nd cond	DEBUG	(%s) invalid OUI %x %x %x	ERROR
doing pnacTxRspAuth: 1st cond	DEBUG	[%s:%d] Cipher in WPA IE : %x	ERROR
doing pnacTxRspAuth: 2nd cond	DEBUG	(%s) invalid OUI %x %x %x	ERROR
message for unknown port PAE	DEBUG	short WPA IE (length = %d) received	ERROR
from pnacACToSuppRecvRtn: calling pnacEapPktRecord	DEBUG	PTK state machine in unknown state.	ERROR
from pnacEapPktRecord: code = %d, identifier = %d, "	DEBUG	dot11InstallKeys failed	ERROR
from pnacEapPktRecord: received success pkt	DEBUG	group state machine entered into WPA_ AUTH_GTK_INIT	ERROR
from pnacEapPktRecord: received failure pkt	DEBUG	dot11Malloc failed	ERROR
from pnacEapPktRecord: received request pkt	DEBUG	dot11Malloc failed	ERROR
unknown EAP-code %d	DEBUG	dot11Malloc failed	ERROR
Authenticator[%d]:	DEBUG	aesWrap failed	ERROR
Auth PAE state = %s	DEBUG	unknown key descriptor version %d	ERROR
Auth Reauth state = %s	DEBUG	dot11Malloc failed	ERROR
Back auth state = %s	DEBUG	could not initialize AES128ECB	ERROR

Supplicant[%d]:	DEBUG	could not initialize AES-128-ECB	ERROR
Supp Pae state = %s	DEBUG	MD5 initialization failed	ERROR
from pnacBackAuthFail: calling pnacTxCannedFail	DEBUG	RC4 framework initialization failed	ERROR
%s returned ERROR	DEBUG	PNAC framework initialization failed	ERROR
pnacUmiIoctlHandler: cmd: %s(%d)	DEBUG	ERROR: option value not specified	ERROR
%s not configured for 802.1x	DEBUG	ERROR: -u can be used only with -s	ERROR
could not process PDU received from the wire	DEBUG	ERROR: user-name not specified	ERROR
pnacPDUForward: failed to foward the received PDU	DEBUG	failed to enable debug	ERROR
Creating PHY port with AUTH backend : %s SendRtn: %p RecvRtn:%p	DEBUG	[%s]: failed to convert string to MAC "	ERROR
pnacUmiAuthConfig: %s not configured for 802.1x	DEBUG	failed to initialize UMI	ERROR
pnacSuppRegisterUserInfo: not a valid AC	DEBUG	pnacPhyPortParamSet:invalid arguments	ERROR
pnacIfConfig: autoAuth Enabled	DEBUG	pnacPhyPortParamSet:Failed to create socket	ERROR
pnacSendRtn: no pnac port pae found for "	DEBUG	Error from pnacPhyPortParamSet:%s-device invalid	ERROR
sending portStatus: %s[%d] to dot11	DEBUG	Error from pnacPhyPortParamSet:%s-Getting MAC address "	ERROR
pnacRecvASInfoMessage: Rkey of length %d set	DEBUG	pnacPhyPortParamSet:Failed to add 802.1X multicast "	ERROR
ASSendRtn: %p ASToAuthRecv: %p	DEBUG	pnacIsInterfaceUp: failed to create a raw socket	ERROR
adpRand failed:unable to generate random unicast key	WARN	pnacIsInterfaceUp: failed to get interface flags	ERROR
using group key as unicast key	WARN	failed to allocate buffer	ERROR
Integrity check failed more than once in last 60 secs.	WARN	UMI initialization failed	ERROR
MIC failed twice in last 60 secs, taking countermeasures	WARN	UMI initialization failed	ERROR
Failed to set dot11 port status	WARN	Error from pnacEapDemoAuthLibInit: malloc failed	ERROR
PTK state machine in NO_STATE.	WARN	Error from pnacEapDemoAuthRecv: received null EAP pkt	ERROR
PTK state machine in NO_STATE!!	WARN	Error from pnacEapDemoAuthRecv: send "	ERROR

PMKSA refcount not 1	WARN	Error from pnacRadXlateASAdd: cannot open socket	ERROR
IV verification failednknown subtype>	WARN	Error from pnacRadXlateDemoRecv: received null EAP pkt	ERROR
pnacIfConfig: overwriting previous interface "	WARN	From pnacRadXlateDemoRecv: send "	ERROR
pnacIfConfig: overwriting previous "	WARN	Error from pnacRadXlateDemoRecv: RADIUS "	ERROR
pnacIfConfig: overwriting previous username"	WARN	Error from pnacRadXlateDemoRecv: RADIUS "	ERROR
pnacIfConfig: overwriting previous password"	WARN	Error from pnacRadXlateRadIdRespSend: send to failed	ERROR
%s: Failed to set port status	WARN	Error from pnacRadXlateRadNonIdRespSend: send to failed	ERROR
%s: Failed to notify event to dot11	WARN	Error from pnacRadXlateRadRecvProc: recvfrom failed	ERROR
pnacLibDeinit: Failed to destroy the phyPort:%s	WARN	From pnacRadXlateRadPktIntegrityChk: no corresponding "	ERROR
pnacPortPaeDeconfig:kpnacPortPaeDeconfig failed	WARN	Error from pnacRadXlateRadPktIntegrityChk: no message "	ERROR
pnacPortPaeDeconfig:kpnacPortPaeDeconfig failed	WARN	Error from pnacRadXlateRadPktIntegrityChk: "	ERROR
pnacBackAuthSuccess: failed to notify the destination "	WARN	From pnacRadXlateRadChalPktHandle: no encapsulated eap "	ERROR
could not initialize MGMT framework	ERROR	Error from pnacRadXlateRadChalPktHandle: malloc for eap "	ERROR
umiInit failed	ERROR	Error from pnacEapDemoSuppUserInfoRegister: invalid "	ERROR
iappInit failed	ERROR	Error from pnacEapDemoSuppRecv: received null EAP pkt	ERROR
could not initialize IAPP MGMT.	ERROR	Error from pnacEapDemoSuppRecv: send ptr to pnac supplicant"	ERROR
dot11Malloc failed	ERROR	From pnacEapDemoSuppRecv: user info not entered yet	ERROR
buffer length not specified	ERROR	Error from pnacEapDemoSuppRecv: couldn't "	ERROR
Invalid length(%d) specified	ERROR	MDString: adpDigestInit for md5 failed	ERROR
Failed to get information about authorized AP list.	ERROR	pnacUmiInit: UMI initialization failed	ERROR
Recd IE data for non-existent AP %s	ERROR	could not start PNAC task	ERROR
Recd IE data for wrong AP %s	ERROR	invalid aruments	ERROR
Received Invalid IE data from WSC	ERROR	pnacIfNameToIndex failed	ERROR

Recd IE data for non-existent AP %s	ERROR	pnacPhyPortParamSet: device invalid %s%d	ERROR
Recd WSC Start command without interface name	ERROR	pnacPhyPortParamSet: EIOCGADDR ioctl failed	ERROR
Recd WSC start for non-existent AP %s	ERROR	pnacPhyPortParamSet: multicast addr add ioctl failed	ERROR
Recd WSC start for wrong AP %s	ERROR	pnacPhyPortParamUnset: multicast addr del ioctl failed	ERROR
Unable to send WSC_WLAN_CMD_PORT to WSC	ERROR	pnacPDUXmit: Invalid arguments	ERROR
Failed to get the ap context for %s	ERROR	pnacPDUXmit: failed to get M_BLK_ID	ERROR
WPS can only be applied to WPA/WPA2 security profiles	ERROR	from pnacIsInterfaceUp: device %s%d invalid	ERROR
wpsEnable: running wsccmd failed	ERROR	pnacRecvRtn: dropping received packet as port is"	ERROR
Failed to get the ap context for %s	ERROR	pnacSendRtn: Invalid arguments	ERROR
WPS conf. under non WPA/WPA2 security setting	ERROR	pnacSendRtn: no physical port corresponding to"	ERROR
Failed to reset the Beacon Frame IE in the driver	ERROR	pnacSendRtn: dropping packet as port"	ERROR
Failed to reset the Beacon Frame IE in the driver	ERROR	pnacAuthBuildRC4KeyDesc: adpEncryptInit(RC4) failed	ERROR
WPS method cannot be NULL	ERROR	pnacAuthBuildRC4KeyDesc: adpCipherContextCtrl"	ERROR
PIN value length should be a multiple of 4 !!	ERROR	pnacDot11UserSet: incorrect buffer length	ERROR
Failed to initiate PIN based association, PIN = %s	ERROR	PNAC user component id not set.	ERROR
Failed to initiate PBC based enrolle association	ERROR	pnacKeyInfoGet:failed to allocate buffer	ERROR
Invalid association mode. (Allowed modes : PIN/PBC)	ERROR	PNAC user comp id not set. dropping EAPOL key pkt	ERROR
wpsEnable: running wsccmd failed	ERROR	pnacUmiPortPaeParamSet: invalid buffer received	ERROR
Failed to send QUIT command to WSC from DOT11	ERROR	Error from pnacRecvASInfoMessage: "	ERROR
Failed to clear off the WPS process	ERROR	pnacRecvASInfoMessage: "	ERROR
missing profile name	ERROR	pnacRecvASInfoMessage: Bad info length	ERROR
A profile exists with the same name	ERROR	Error from pnacLibInit: malloc failed	ERROR
Error in allocating memory for profile	ERROR	could not create phy ports lock	ERROR
missing profile name	ERROR	could not create nodes ports lock	ERROR
missing profile name	ERROR	port exists for iface - %s	ERROR
Profile name and interface name must be specified	ERROR	pnacPhyPortCreate failed	ERROR
Profile %s does not exist	ERROR	kpnacPhyPortCreate failed	ERROR
Could not set profile %s on the interface %s	ERROR	invalid argument	ERROR
missing profile name	ERROR	pnacAuthConfig: maxAuth limit reached	ERROR
Profile %s does not exist	ERROR	pnacAuthConfig: malloc failed	ERROR
Profile %s does not exist	ERROR	Error from pnacAuthConfig: pAsArg cannot be NULL	ERROR
SSID should not be longer than %d	ERROR	Error from pnacAuthConfig: receive routine hook "	ERROR
Profile %s does not exist	ERROR	pnacAuthConfig: pnacAuthInit failed	ERROR

Profile %s does not exist	ERROR	kpnacPortPaeConfig failed	ERROR
Profile %s does not exist	ERROR	Invalid arguments	ERROR
Profile %s does not exist	ERROR	Error from pnacSuppConfig: malloc failed	ERROR
Profile %s does not exist	ERROR	Error from pnacSuppConfig: receive routine hook "	ERROR
Profile %s does not exist	ERROR	Error from pnacSuppConfig: pnacSuppInit failed	ERROR
SSID not set. SSID is needed to generate password hash	ERROR	kpnacPortPaeConfig failed	ERROR
Password string too big	ERROR	pnacAuthDeconfig failed: pPortPae NULL	ERROR
dot11Malloc failed	ERROR	Error from pnacPhyPortDestroy: port not configured	ERROR
Profile %s does not exist	ERROR	pnacPhyPortDestroy: Failed to deconfigure port	ERROR
Hex string should only have %d hex chars	ERROR	pnacPhyPortParamUnset FAILED	ERROR
dot11Malloc failed	ERROR	Error from pnacPhyPortCreate: malloc failed	ERROR
Profile %s does not exist	ERROR	Error from pnacPhyPortCreate: pnacPhyPortParamSet"	ERROR
invalid key index %d. key index should be 0-3.	ERROR	error from pnacPhyPortCreate: malloc failed	ERROR
wepKey length incorrect	ERROR	Error from pnacAuthInit: pnacPortTimersInit failed	ERROR
Profile %s does not exist	ERROR	Error from pnacAuthInit: pnacAuthPAEInit failed	ERROR
Invalid Cipher type %d	ERROR	Error from pnacAuthInit: pnacAuthKeyTxInit failed	ERROR
Profile supports WEP stas,Group cipher must be WEP	ERROR	Error from pnacAuthInit: pnacReauthTimerInit failed	ERROR
Profile %s does not exist	ERROR	Error from pnacAuthInit: pnacBackAuthInit failed	ERROR
Profile %s does not exist	ERROR	Error from pnacAuthInit: pnacCtrlDirInit failed	ERROR
Profile %s does not exist	ERROR	Error from pnacAuthInit: pnacKeyRecvInit failed	ERROR
invalid pairwise cipher type %d	ERROR	Error from pnacSuppInit: malloc failed	ERROR
Cipher %s is already in the list.	ERROR	Error from pnacSuppInit: pnacPortTimersInit failed	ERROR
Profile %s does not exist	ERROR	Error from pnacSuppInit: pnacKeyRecvInit failed	ERROR
Invalid Cipher type %d	ERROR	Error from pnacSuppInit: pnacSuppKeyTxInit failed	ERROR
Cipher %s not found in the list.	ERROR	Error from pnacSuppInit: pnacSuppPAEInit failed	ERROR
Profile %s does not exist	ERROR	Error from pnacRecvRtn: invalid arguments	ERROR
Profile %s does not exist	ERROR	Error from pnacRecvMapi: unsupported PDU received	ERROR
Auth method %s is already in the list	ERROR	suppToACSendRtn returned not OK!	ERROR
Profile %s does not exist	ERROR	Error from pnacBasicPktCreate: malloc failed	ERROR
Auth method %s not found in the list.	ERROR	Error from pnacEAPPktCreate: basic pkt create failed	ERROR
Profile %s does not exist	ERROR	Error from pnacTxCannedFail: eap pkt create failed	ERROR

Profile %s does not exist	ERROR	Error from pnacTxCannedSuccess: eap pkt create failed	ERROR
Profile %s does not exist	ERROR	Error from pnacTxReqId: eap pkt create failed	ERROR
invalid type value %d. supported values are 1,2,3,4	ERROR	Error from pnacTxReq: eap pkt create failed	ERROR
Profile %s does not exist	ERROR	Error from pnacSendRespToServer: malloc failed	ERROR
invalid type value %d. supported values are 1,2,3,4	ERROR	Error from pnacSendRespToServer: no AS configured	ERROR
Profile %s does not exist	ERROR	Error from pnacTxStart: basic pkt create failed	ERROR
invalid type value %d. supported values are 1,2,3,4	ERROR	Error from pnacTxStart: basic pkt create failed	ERROR
Profile %s does not exist	ERROR	Error from pnacTxRspId: eap pkt create failed	ERROR
invalid type value %d. supported values are 1,2,3,4	ERROR	Error from pnacTxRspAuth: eap pkt create failed	ERROR
Profile %s does not exist	ERROR	Error from pnacEapPktRecord: EAP packet too"	ERROR
invalid type value %d. supported values are 1,2,3,4	ERROR	Error from pnacEapPktRecord: "	ERROR
Profile %s does not exist	ERROR	from pnacBackAuthTimeout: calling pnacTxCannedFail	ERROR
ERROR: incomplete DB update information.	ERROR	hmac_md5: adpHmacContextCreate failed	ERROR
old values result does not contain 2 rows	ERROR	hmac_md5:adpHmacInit failed	ERROR
sqlite3QueryResGet failed	ERROR	pnacUmiIoctlHandler: invalid cmd: %d	ERROR
Error in executing DB update handler	ERROR	pnacEapRadAuthSend: Invalid arguments	ERROR
sqlite3QueryResGet failed	ERROR	pnacEapRadAuthSend: failed to allocate inbuffer	ERROR
ERROR: incomplete DB update information.	ERROR	pnacXmit : umiIoctl failed[%d]	ERROR
old values result does not contain 2 rows	ERROR	pnacPDUForward: Invalid input	ERROR
sqlite3QueryResGet failed	ERROR	pnacPDUForward: error in getting port pae information	ERROR
Error in executing DB update handler	ERROR	pnacPDUForward: error allocating memory	ERROR
sqlite3QueryResGet failed.Query:%s	ERROR	pnacUmiIfMacAddrChange: %s not configured for 802.1x	ERROR
sqlite3QueryResGet failed.Query:%s	ERROR	pnacUmiIfMacAddrChange: could not process PDU received"	ERROR
sqlite3QueryResGet failed.Query:%s	ERROR	pnacUmiPhyPortConfig: Invalid config data	ERROR
sqlite3QueryResGet failed.Query:%s	ERROR	pnacUmiPhyPortConfig: Invalid backend name specified	ERROR
startStopVap failed to stop %s	ERROR	pnacUmiPhyPortConfig: could not create PNAC physical"	ERROR
Invalid SQLITE operation code - %d	ERROR	pnacUmiAuthConfig: Invalid config data	ERROR
./src/dot11/mgmt/dot11Mgmt.c:1177: ADP_ERROR (	ERROR	pnacUmiAuthConfig: Invalid backend name specified	ERROR
only delete event expected on dot11RogueAP.	ERROR	unable to create new EAP context.	ERROR
sqlite3QueryResGet failed	ERROR	unable to apply %s profile on the EAP context.	ERROR
unhandled database operation %d	ERROR	pnacUmiAuthConfig: could not configure PNAC PAE "	ERROR

sqlite3QueryResGet failed	ERROR	pnacUmiSuppConfig: Invalid config data	ERROR
failed to configure WPS on %s	ERROR	pnacUmiSuppConfig: Invalid backend name specified	ERROR
sqlite3QueryResGet failed	ERROR	pnacUmiSuppConfig: %s not configured for 802.1x	ERROR
sqlite3QueryResGet failed	ERROR	pnacUmiSuppConfig: could not PNAC port Access"	ERROR
sqlite3QueryResGet failed	ERROR	pnacUmiSuppConfig: Failed to register user information	ERROR
sqlite3QueryResGet failed	ERROR	pnacPortByMacDeconfig: port not found	ERROR
sqlite3QueryResGet failed	ERROR	pnacPortByMacDeconfig: port not found	ERROR
no VAP rows returned. expected one	ERROR	pnacUmiIfDown: Invalid config data	ERROR
multiple VAP rows returned. expected one	ERROR	pnacUmiIfDown: Invalid config data	ERROR
sqlite3QueryResGet failed	ERROR	Error from pnacPortDeconfig: port not configured	ERROR
invalid query result. ncols=%d nrows=%d	ERROR	pnacUmiIfDown: could not de-configure port	ERROR
%s:VAP(%s) create failed	ERROR	pnacUmiPhyPortDestroy: Invalid config data	ERROR
sqlite3QueryResGet failed	ERROR	pnacUmiPhyPortDestroy: Invalid config data	ERROR
invalid query result. ncols=%d nrows=%d	ERROR	pnacUmiPhyPortDestroy: Failed to destroy the port	ERROR
		Invalid config data	ERROR

Facility: Kernel

Log Message	Severity	Log Message	Severity
DNAT: multiple ranges no longer supported	DEBUG	%s: %s%s:%d -> %s:%d %s,	DEBUG
DNAT: Target size %u wrong for %u ranges,	DEBUG	%s: %s%s:%d %s,	DEBUG
DNAT: wrong table %s, tablename	DEBUG	%s: Failed to add WDS MAC: %s, dev->name,	DEBUG
DNAT: hook mask 0x%x bad, hook_mask	DEBUG	%s: Device already has WDS mac address attached,	DEBUG
%s%d: resetting MPPC/MPPE compressor,	DEBUG	%s: Added WDS MAC: %s, dev->name,	DEBUG
%s%d: wrong offset value: %d,	DEBUG	%s: WDS MAC address %s is not known by this interface,	DEBUG
%s%d: wrong length of match value: %d,	DEBUG	[madwifi] %s() : Not enough space., __FUNCTION__	DEBUG
%s%d: too big offset value: %d,	DEBUG	Returning to chan %d, ieeeChan	DEBUG
%s%d: cannot decode offset value,	DEBUG	WEP	DEBUG
%s%d: wrong length code: 0x%X,	DEBUG	AES	DEBUG
%s%d: short packet (len=%d), __FUNCTION__,	DEBUG	AES_CCM	DEBUG
%s%d: bad sequence number: %d, expected: %d,	DEBUG	CKIP	DEBUG

%s%d: bad sequence number: %d, expected: %d,	DEBUG	TKIP	DEBUG
PPPIOCDETACH file->f_count=%d,	DEBUG	%s: cannot map channel to mode; freq %u flags 0x%x,	DEBUG
PPP: outbound frame not passed	DEBUG	%s: %s, vap->iv_dev->name, buf	DEBUG
PPP: VJ decompression error	DEBUG	%s: [%s] %s, vap->iv_dev->name,	DEBUG
PPP: inbound frame not passed	DEBUG	%s: [%s] %s, vap->iv_dev->name, ether_sprintf(mac), buf	DEBUG
PPP: reconstructed packet	DEBUG	[%s:%s] discard %s frame, %s, vap->iv_dev->name,	DEBUG
PPP: no memory for	DEBUG	[%s:%s] discard frame, %s, vap->iv_ dev->name,	DEBUG
missed pkts %u..%u,	DEBUG	[%s:%s] discard %s information element, %s,	DEBUG
%s%d: resetting MPPC/MPPE compressor,	DEBUG	[%s:%s] discard information element, %s,	DEBUG
%s%d: wrong offset value: %d,	DEBUG	[%s:%s] discard %s frame, %s, vap->iv_dev->name,	DEBUG
%s%d: wrong length of match value: %d,	DEBUG	[%s:%s] discard frame, %s, vap->iv_ dev->name,	DEBUG
%s%d: too big offset value: %d,	DEBUG	ifmedia_add: null ifm	DEBUG
%s%d: cannot decode offset value,	DEBUG	Adding entry for	DEBUG
%s%d: wrong length code: 0x%X,	DEBUG	ifmedia_set: no match for 0x%x/0x%x,	DEBUG
%s%d: short packet (len=%d), __FUNCTION__,	DEBUG	ifmedia_set: target	DEBUG
%s%d: bad sequence number: %d, expected: %d,	DEBUG	ifmedia_set: setting to	DEBUG
%s%d: bad sequence number: %d, expected: %d,	DEBUG	ifmedia_ioctl: no media found for 0x%x,	DEBUG
PPPIOCDETACH file->f_count=%d,	DEBUG	ifmedia_ioctl: switching %s to , dev->name	DEBUG
PPP: outbound frame not passed	DEBUG	ifmedia_match: multiple match for	DEBUG
PPP: VJ decompression error	DEBUG	<unknown type>	DEBUG
PPP: inbound frame not passed	DEBUG	desc->ifmt_string	DEBUG
PPP: reconstructed packet	DEBUG	mode %s, desc->ifmt_string	DEBUG
PPP: no memory for	DEBUG	<unknown subtype>	DEBUG
missed pkts %u..%u,	DEBUG	%s, desc->ifmt_string	DEBUG
%s: INC_USE_COUNT, now %d, __FUNCTION__, mod_use_count \	DEBUG	%s%s, seen_option++ ? , : ,	DEBUG
%s: DEC_USE_COUNT, now %d, __FUNCTION__, mod_use_count \	DEBUG	%s%s, seen_option++ ? , : ,	DEBUG
PPPOL2TP %s: _fmt,	DEBUG	%s, seen_option ? > :	DEBUG
PPPOL2TP: --> %s, __FUNCTION__)	DEBUG	%s: %s, dev->name, buf	DEBUG
PPPOL2TP: <-- %s, __FUNCTION__)	DEBUG	%s: no memory for sysctl table!, __func__	DEBUG
%s: recv: , tunnel->name	DEBUG	%s: no memory for VAP name!, __func__	DEBUG
%s: xmit:, session->name	DEBUG	%s: failed to register sysctls!, vap->iv_dev->name	DEBUG

%s: xmit:, session->name	DEBUG	%s: no memory for new proc entry (%s)!, __func__,	DEBUG
%s: module use_count is %d, __FUNCTION__, mod_use_count	DEBUG	%s: 0x%p len %u, tag, p, len	DEBUG
PPPOL2TP %s: _fmt,	DEBUG	%03d:, i	DEBUG
PPPOL2TP: --> %s, __FUNCTION__)	DEBUG	%02x, ((u_int8_t *)p)[i]	DEBUG
PPPOL2TP: <-- %s, __FUNCTION__)	DEBUG	first difference at byte %u, i	DEBUG
%s: recv: , tunnel->name	DEBUG	%s: , t->name	DEBUG
%s: xmit:, session->name	DEBUG	FAIL: ieee80211_crypto_newkey failed	DEBUG
%s: xmit:, session->name	DEBUG	FAIL: ieee80211_crypto_setkey failed	DEBUG
PPPOL2TP %s: _fmt,	DEBUG	FAIL: unable to allocate skbuff	DEBUG
PPPOL2TP: --> %s, __FUNCTION__)	DEBUG	FAIL: wep decap failed	DEBUG
PPPOL2TP: <-- %s, __FUNCTION__)	DEBUG	FAIL: decap botch; length mismatch	DEBUG
%s: recv: , tunnel->name	DEBUG	FAIL: decap botch; data does not compare	DEBUG
%s: xmit:, session->name	DEBUG	FAIL: wep encap failed	DEBUG
%s: xmit:, session->name	DEBUG	FAIL: encap data length mismatch	DEBUG
IRQ 31 is triggered	DEBUG	FAIL: encrypt data does not compare	DEBUG
[%s:%d] , __func__, __LINE__\	DEBUG	PASS	DEBUG
\t[R%s %#0x %#0x 0x%08x%08x], (status == ERROR ? # :), page, addr, (uint32_t)(*pValue >> 32), (uint32_t)(*pValue & 0xffffffff)	DEBUG	%u of %u 802.11i WEP test vectors passed, pass, total	DEBUG
\t[W%s %#0x %#0x 0x%08x%08x], (status == ERROR ? # :), page, addr, (uint32_t)(value >> 32), (uint32_t)(value & 0xffffffff)	DEBUG	%s: 0x%p len %u, tag, p, len	DEBUG
%s: mac_add %02X:%02X:%02X:%02X:%02X:%02X, dev->name, addr[0], addr[1], addr[2], addr[3], addr[4], addr[5]	DEBUG	%03d:, i	DEBUG
%s: mac_del %02X:%02X:%02X:%02X:%02X:%02X, dev->name, addr[0], addr[1], addr[2], addr[3], addr[4], addr[5]	DEBUG	%02x, ((u_int8_t *)p)[i]	DEBUG
%s: mac_kick %02X:%02X:%02X:%02X:%02X:%02X, dev->name, addr[0], addr[1], addr[2], addr[3], addr[4], addr[5]	DEBUG	first difference at byte %u, i	DEBUG
%s: mac_undefined %02X:%02X:%02X:%02X:%02X:%02X, dev->name, addr[0], addr[1], addr[2], addr[3], addr[4], addr[5]	DEBUG	%s: , t->name	DEBUG
%s: addr_add %02X:%02X:%02X:%02X:%02X:%02X, dev->name, addr[0], addr[1], addr[2], addr[3], addr[4], addr[5]	DEBUG	FAIL: ieee80211_crypto_newkey failed	DEBUG
%s: addr_del %02X:%02X:%02X:%02X:%02X:%02X, dev->name, addr[0], addr[1], addr[2], addr[3], addr[4], addr[5]	DEBUG	FAIL: ieee80211_crypto_setkey failed	DEBUG
%s: mac_undefined %02X:%02X:%02X:%02X:%02X:%02X, dev->name, addr[0], addr[1], addr[2], addr[3], addr[4], addr[5]	DEBUG	FAIL: unable to allocate skbuff	DEBUG
%s: set_float %d;%d,	DEBUG	FAIL: ccmp encap failed	DEBUG

IRQ 32 is triggered	DEBUG	FAIL: encap data length mismatch	DEBUG
ip_finish_output2: No header cache and no neighbour!	DEBUG	FAIL: encrypt data does not compare	DEBUG
a guy asks for address mask. Who is it?	DEBUG	FAIL: ccmp decap failed	DEBUG
icmp v4 hw csum failure)	DEBUG	FAIL: decap botch; length mismatch	DEBUG
expire>> %u %d %d %d, expire,	DEBUG	FAIL: decap botch; data does not compare	DEBUG
expire++ %u %d %d %d, expire,	DEBUG	PASS	DEBUG
rt_cache @%02x: %u.%u.%u.%u, hash,	DEBUG	%u of %u 802.11i AES-CCMP test vectors passed, pass, total	DEBUG
rt_bind_peer(0) @%p, NET_CALLER(iph)	DEBUG	%s: 0x%p len %u, tag, p, len	DEBUG
ip_rt_advice: redirect to	DEBUG	%03d:, i	DEBUG
ip_rt_bug: %u.%u.%u.%u -> %u.%u.%u.%u, %s,	DEBUG	%02x, ((u_int8_t *)p)[i]	DEBUG
udp cork app bug 2)	DEBUG	first difference at byte %u, i	DEBUG
udp cork app bug 3)	DEBUG	ieee80211_crypto_newkey failed	DEBUG
udp v4 hw csum failure.)	DEBUG	ieee80211_crypto_setkey failed	DEBUG
UDP: short packet: From %u.%u.%u.%u:%u %d/%d to %u.%u.%u.%u:%u,	DEBUG	unable to allocate skbuff	DEBUG
UDP: bad checksum. From %d.%d.%d.%d:%d to %d.%d.%d.%d:%d ulen %d,	DEBUG	tkip enmic failed	DEBUG
%s: lookup policy [list] found=%s,	DEBUG	enmic botch; length mismatch	DEBUG
%s: called: [output START], __FUNCTION__	DEBUG	enmic botch	DEBUG
%s: flow dst=%s, __FUNCTION__, XFRMSTRADDR(fl->fl4_dst, family)	DEBUG	tkip encap failed	DEBUG
%s: flow src=%s, __FUNCTION__, XFRMSTRADDR(fl->fl4_src, family)	DEBUG	encrypt phase1 botch	DEBUG
%s: flow dst=%s, __FUNCTION__, XFRMSTRADDR(fl->fl6_dst, family)	DEBUG	encrypt data length mismatch	DEBUG
%s: flow src=%s, __FUNCTION__, XFRMSTRADDR(fl->fl6_src, family)	DEBUG	encrypt data does not compare	DEBUG
a guy asks for address mask. Who is it?	DEBUG	tkip decap failed	DEBUG
icmp v4 hw csum failure)	DEBUG	decrypt phase1 botch	DEBUG
expire>> %u %d %d %d, expire,	DEBUG	decrypt data does not compare	DEBUG
expire++ %u %d %d %d, expire,	DEBUG	decap botch; length mismatch	DEBUG
rt_cache @%02x: %u.%u.%u.%u, hash,	DEBUG	decap botch; data does not compare	DEBUG
rt_bind_peer(0) @%p, NET_CALLER(iph)	DEBUG	tkip demic failed	DEBUG
ip_rt_advice: redirect to	DEBUG	802.11i TKIP test vectors passed	DEBUG
ip_rt_bug: %u.%u.%u.%u -> %u.%u.%u.%u, %s,	DEBUG	%s, buf	DEBUG
UDP: short packet: From %u.%u.%u.%u:%u %d/%d to %u.%u.%u.%u:%u,	DEBUG	Atheros HAL assertion failure: %s: line %u: %s,	DEBUG

UDP: bad checksum. From %d.%d.%d.%d:%d to %d.%d.%d.%d:%d ulen %d,	DEBUG	ath_hal: logging to %s %s, ath_hal_ logfile,	DEBUG
a guy asks for address mask. Who is it?	DEBUG	ath_hal: logging disabled	DEBUG
fib_add_ifaddr: bug: prim == NULL	DEBUG	%s%s, sep, ath_hal_buildopts[i]	DEBUG
fib_del_ifaddr: bug: prim == NULL	DEBUG	ath_pci: No devices found, driver not installed.	DEBUG
expire>> %u %d %d %d, expire,	DEBUG	_fmt, __VA_ARGS__	DEBUG
expire++ %u %d %d %d, expire,	DEBUG	%s: Warning, using only %u entries in %u key cache,	DEBUG
rt_cache @%02x: %u.%u.%u.%u, hash,	DEBUG	%s: TX99 support enabled, dev->name	DEBUG
rt_bind_peer(0) @%p,	DEBUG	%s:grppoll Buf allocation failed ,__func__	DEBUG
ip_rt_advice: redirect to	DEBUG	%s: %s: unable to start recv logic,	DEBUG
ip_rt_bug: %u.%u.%u.%u -> %u.%u.%u.%u, %s,	DEBUG	%s: %s: unable to start recv logic,	DEBUG
%s: lookup policy [list] found=%s,	DEBUG	%s: no skbuff, __func__	DEBUG
%s: called: [output START], __FUNCTION__	DEBUG	%s: hardware error; resetting, dev->name	DEBUG
%s: flow dst=%s, __FUNCTION__, XFRMSTRADDR(fl->fl4_dst, family)	DEBUG	%s: rx FIFO overrun; resetting, dev->name	DEBUG
%s: flow src=%s, __FUNCTION__, XFRMSTRADDR(fl->fl4_src, family)	DEBUG	%s: unable to reset hardware: '%s' (HAL status %u)	DEBUG
%s: flow dst=%s, __FUNCTION__, XFRMSTRADDR(fl->fl6_dst, family)	DEBUG	%s: unable to start recv logic, dev->name	DEBUG
%s: flow src=%s, __FUNCTION__, XFRMSTRADDR(fl->fl6_src, family)	DEBUG	%s: %s: unable to reset hardware: '%s' (HAL status %u),	DEBUG
a guy asks for address mask. Who is it?	DEBUG	%s: %s: unable to start recv logic,	DEBUG
icmp v4 hw csum failure)	DEBUG	ath_mgtstart: discard, no xmit buf	DEBUG
expire>> %u %d %d %d, expire,	DEBUG	%s: [%02u] %-7s , tag, ix, ciphers[hk->kv_type]	DEBUG
expire++ %u %d %d %d, expire,	DEBUG	%02x, hk->kv_val[i]	DEBUG
rt_cache @%02x: %u.%u.%u.%u, hash,	DEBUG	mac %s, ether_sprintf(mac)	DEBUG
rt_bind_peer(0) @%p, NET_CALLER(iph)	DEBUG	%s , sc->sc_splitmic ? mic : rxmic	DEBUG
ip_rt_advice: redirect to	DEBUG	%02x, hk->kv_mic[i]	DEBUG

ip_rt_bug: %u.%u.%u.%u -> %u.%u.%u.%u, %s,	DEBUG	txmic	DEBUG
UDP: short packet: From %u.%u.%u.%u:%u %d/%d to %u.%u.%u.%u:%u,	DEBUG	%02x, hk->kv_txmic[i]	DEBUG
UDP: bad checksum. From %d.%d.%d.%d:%d to %d.%d.%d.%d:%d ulen %d,	DEBUG	%s: unable to update h/w beacon queue parameters,	DEBUG
REJECT: ECHOREPLY no longer supported.	DEBUG	%s: stuck beacon; resetting (bmiss count %u),	DEBUG
ipt_rpc: only valid for PRE_ROUTING, FORWARD, POST_ROUTING, LOCAL_IN and/or LOCAL_OUT targets.	DEBUG	move data from NORMAL to XR	DEBUG
ip_nat_init: can't setup rules.	DEBUG	moved %d buffers from NORMAL to XR, index	DEBUG
ip_nat_init: can't register in hook.	DEBUG	move buffers from XR to NORMAL	DEBUG
ip_nat_init: can't register out hook.	DEBUG	moved %d buffers from XR to NORMAL, count	DEBUG
ip_nat_init: can't register adjust in hook.	DEBUG	%s:%d %s, __FILE__, __LINE__, __func__	DEBUG
ip_nat_init: can't register adjust out hook.	DEBUG	%s:%d %s, __FILE__, __LINE__, __func__	DEBUG
ip_nat_init: can't register local out hook.	DEBUG	%s: no buffer (%s), dev->name, __func__	DEBUG
ip_nat_init: can't register local in hook.	DEBUG	%s: no skbuff (%s), dev->name, __func__	DEBUG
ipt_hook: happy cracking.	DEBUG	%s: HAL qnum %u out of range, max %u!,	DEBUG
ip_conntrack: can't register pre-routing defrag hook.	DEBUG	grppoll_start: grppoll Buf allocation failed	DEBUG
ip_conntrack: can't register local_out defrag hook.	DEBUG	%s: HAL qnum %u out of range, max %u!,	DEBUG
ip_conntrack: can't register pre-routing hook.	DEBUG	%s: AC %u out of range, max %u!,	DEBUG
ip_conntrack: can't register local out hook.	DEBUG	%s: unable to update hardware queue	DEBUG
ip_conntrack: can't register local in helper hook.	DEBUG	%s: bogus frame type 0x%x (%s), dev->name,	DEBUG
ip_conntrack: can't register postrouting helper hook.	DEBUG	ath_stoprecv: rx queue 0x%x, link %p,	DEBUG
ip_conntrack: can't register post-routing hook.	DEBUG	%s: %s: unable to reset channel %u (%u MHz)	DEBUG
ip_conntrack: can't register local in hook.	DEBUG	%s: %s: unable to restart recv logic,	DEBUG
ip_conntrack: can't register to sysctl.	DEBUG	%s: unable to allocate channel table, dev->name	DEBUG
ip_conntrack_rtsp v IP_NF_RTSP_VERSION loading	DEBUG	%s: unable to allocate channel table, dev->name	DEBUG

ip_conntrack_rtsp: max_outstanding must be a positive integer	DEBUG	%s: unable to collect channel list from HAL;	DEBUG
ip_conntrack_rtsp: setup_timeout must be a positive integer	DEBUG	R (%p %llx) %08x %08x %08x %08x %08x %08x %c,	DEBUG
ip_conntrack_rtsp: ERROR registering port %d, ports[i]	DEBUG	T (%p %llx) %08x %08x %08x %08x %08x %08x %08x %08x %c,	DEBUG
ip_nat_rtsp v IP_NF_RTSP_VERSION loading	DEBUG	%s: no memory for sysctl table!, __func__	DEBUG
%s: Sorry! Cannot find this match option., __ FILE__	DEBUG	%s: no memory for device name storage!, __func__	DEBUG
ipt_time loading	DEBUG	%s: failed to register sysctls!, sc->sc_ dev->name	DEBUG
ipt_time unloaded	DEBUG	%s: mac %d.%d phy %d.%d, dev->name,	DEBUG
ip_conntrack_irc: max_dcc_channels must be a positive integer	DEBUG	5 GHz radio %d.%d 2 GHz radio %d.%d,	DEBUG
ip_conntrack_irc: ERROR registering port %d,	DEBUG	radio %d.%d, ah->ah_analog5GhzRev >> 4,	DEBUG
ip_nat_h323: ip_nat_mangle_tcp_packet	DEBUG	radio %d.%d, ah->ah_analog5GhzRev >> 4,	DEBUG
ip_nat_h323: ip_nat_mangle_udp_packet	DEBUG	%s: Use hw queue %u for %s traffic,	DEBUG
ip_nat_h323: out of expectations	DEBUG	%s: Use hw queue %u for CAB traffic, dev->name,	DEBUG
ip_nat_h323: out of RTP ports	DEBUG	%s: Use hw queue %u for beacons, dev->name,	DEBUG
ip_nat_h323: out of TCP ports	DEBUG	Could not find Board Configuration Data	DEBUG
ip_nat_q931: out of TCP ports	DEBUG	Could not find Radio Configuration data	DEBUG
ip_nat_ras: out of TCP ports	DEBUG	ath_ahb: No devices found, driver not installed.	DEBUG
ip_nat_q931: out of TCP ports	DEBUG	_fmt, __VA_ARGS__	DEBUG
ip_conntrack_core: Frag of proto %u.,	DEBUG	_fmt, __VA_ARGS__	DEBUG
Broadcast packet!	DEBUG	xlr8NatIpFinishOutput: Err.. skb2 == NULL !	DEBUG
Should bcast: %u.%u.%u.%u->%u.%u.%u.%u (sk=%p, ptype=%u),	DEBUG	xlr8NatSoftCtxEnqueue: Calling xlr8NatIpFinishOutput () .., status	DEBUG
ip_conntrack version %s (%u buckets, %d max)	DEBUG	xlr8NatSoftCtxEnqueue: xlr8NatIpFinishOutput () returned [%d], status	DEBUG
ERROR registering port %d,	DEBUG	icmpExceptionHandler: Exception!	DEBUG
netfilter PSD loaded - (c) astaro AG	DEBUG	fragExceptionHandler: Exception!	DEBUG

netfilter PSD unloaded - (c) astaro AG	DEBUG	algExceptionHandler: Exception!	DEBUG
%s , SELF	DEBUG	dnsExceptionHandler: Exception!	DEBUG
%s , LAN	DEBUG	IPsecExceptionHandler: Exception!	DEBUG
%s , WAN	DEBUG	ESP Packet Src:%x Dest:%x Sport:%d dport:%d secure:%d spi:%d isr:%p,	DEBUG
TRUNCATED	DEBUG	xlr8NatConntrackPreHook: We found the valid context,	DEBUG
SRC=%u.%u.%u.%u DST=%u.%u.%u.%u ,	DEBUG	xlr8NatConntrackPreHook: Not a secured packet.	DEBUG
LEN=%u TOS=0x%02X PREC=0x%02X TTL=%u ID=%u ,	DEBUG	xlr8NatConntrackPreHook: isr=[%p], pIsr	DEBUG
FRAG:%u , ntohs(ih->frag_off) & IP_OFFSET	DEBUG	xlr8NatConntrackPreHook: secure=[%d], secure	DEBUG
TRUNCATED	DEBUG	Context found for ESP %p,pFlowEntry->post.pIsr[0]	DEBUG
PROTO=TCP	DEBUG	xlr8NatConntrackPreHook: New connection.	DEBUG
INCOMPLETE [%u bytes] ,	DEBUG	xlr8NatConntrackPostHook: postSecure=[%d] postIsr=[%p %p],	DEBUG
SPT=%u DPT=%u ,	DEBUG	proto %d spi %d <-------> proto %d spi %d,pPktInfo->proto,pPktInfo->spi,	DEBUG
SEQ=%u ACK=%u ,	DEBUG	IPSEC_INF Clock skew detected	DEBUG
WINDOW=%u , ntohs(th->window)	DEBUG	IPSEC_ERR [%s:%d]: Max (%d) No of SA Limit reached,	DEBUG
RES=0x%02x , (u8)(ntohl(tcp_flag_word(th) & TCP_RESERVED_BITS) >> 22)	DEBUG	IPSEC_ERR [%s:%d]: Max (%d) No of SA Limit reached,	DEBUG
URGP=%u , ntohs(th->urg_ptr)	DEBUG	IPSEC_ERR [%s:%d]: time(secs): %u	DEBUG
TRUNCATED	DEBUG	ERROR: Failed to add entry to IPsec sa table	DEBUG
%02X, op[i]	DEBUG	ERROR: Failed to add entry to IPsec sa table	DEBUG
PROTO=UDP	DEBUG	ERROR: Failed to add entry to IPsec sa table	DEBUG
INCOMPLETE [%u bytes] ,	DEBUG	ERROR: Failed to add entry to IPsec sa table	DEBUG
SPT=%u DPT=%u LEN=%u ,	DEBUG	ERROR: Failed to add entry to IPsec sa table	DEBUG
SPT=%u DPT=%u LEN=%u ,	DEBUG	ERROR: Failed to add entry to IPsec sa table	DEBUG
PROTO=ICMP	DEBUG	unknown oid '%s', varName	DEBUG
INCOMPLETE [%u bytes] ,	DEBUG	could not find oid pointer for '%s', varName	DEBUG
TYPE=%u CODE=%u , ich->type, ich->code	DEBUG	unRegistering IPsecMib	DEBUG
INCOMPLETE [%u bytes] ,	DEBUG	ERROR: Failed to add entry to IPsec sa table	DEBUG
ID=%u SEQ=%u ,	DEBUG	ERROR: Failed to add entry to IPsec sa table	DEBUG

PARAMETER=%u ,	DEBUG	ERROR: Failed to add entry to IPsec sa table	DEBUG
GATEWAY=%u.%u.%u.%u ,	DEBUG	ERROR: Failed to add entry to IPsec sa table	DEBUG
MTU=%u , ntohs(ich->un.frag.mtu)	DEBUG	ERROR: Failed to add entry to IPsec sa table	DEBUG
PROTO=AH	DEBUG	ERROR: Failed to add entry to IPsec sa table	DEBUG
INCOMPLETE [%u bytes] ,	DEBUG	unknown oid '%s', varName	DEBUG
SPI=0x%x , ntohl(ah->spi)	DEBUG	could not find oid pointer for '%s', varName	DEBUG
PROTO=ESP	DEBUG	unRegistering IPsecMib	DEBUG
INCOMPLETE [%u bytes] ,	DEBUG	. %u.%u.%u.%u, NIPQUAD(trt->rt_dst)	DEBUG
SPI=0x%x , ntohl(eh->spi)	DEBUG	%02x, *p	DEBUG
PROTO=%u , ih->protocol	DEBUG	. %u.%u.%u.%u, NIPQUAD(trt->rt_dst)	DEBUG
UID=%u , skb->sk->sk_socket->file->f_uid	DEBUG	%02x, *p	DEBUG
<%d>%sIN=%s OUT=%s , loginfo->u.log.level,	DEBUG	. %u.%u.%u.%u, NIPQUAD(trt->rt_dst)	DEBUG
level_string	DEBUG	%02x, *p	DEBUG
%sIN=%s OUT=%s ,	DEBUG	. %u.%u.%u.%u, NIPQUAD(trt->rt_dst)	DEBUG
%s , prefix == NULL ? loginfo->prefix : prefix	DEBUG	%02x, *p	DEBUG
IN=	DEBUG	unable to register vIPsec kernel comp to UMI	DEBUG
OUT=	DEBUG	unregistering VIPSECK from UMI	DEBUG
PHYSIN=%s , physindev->name	DEBUG	in vIPsecKIoctlHandler cmd - %d, cmd	DEBUG
PHYSOUT=%s , physoutdev->name	DEBUG	%s: Error. DST Refcount value less than 1 (%d),	DEBUG
MAC=	DEBUG	for %s DEVICE refcnt: %d ,pDst->dev->name,	DEBUG
%02x%c, *p,	DEBUG	%s: Got Null m:%p *m:%p sa:%p *sa:%p,__func__,ppBufMgr,	DEBUG
NAT: no longer support implicit source local NAT	DEBUG	%s Got Deleted SA:%p state:%d,__ func__,pIPsecInfo,pIPsecInfo->state	DEBUG
NAT: packet src %u.%u.%u.%u -> dst %u.%u.%u.%u,	DEBUG	%s: %s: fmt, __FILE__, __FUNCTION__ , ## args)	INFO
SNAT: multiple ranges no longer supported	DEBUG	%s: %s: fmt, __FILE__, __FUNCTION__ , ## args)	INFO
format,##args)	DEBUG	ipt_TIME: format, ## args)	INFO
version	DEBUG	IPT_ACCOUNT_NAME : checkentry() wrong parameters (not equals existing table parameters).	INFO
offset_before=%d, offset_after=%d, correction_ pos=%u, x->offset_before, x->offset_after, x->correction_pos	DEBUG	IPT_ACCOUNT_NAME : checkentry() too big netmask.	INFO
ip_ct_h323:	DEBUG	IPT_ACCOUNT_NAME : checkentry() failed to allocate %zu for new table %s., sizeof(struct t_ipt_account_table), info->name	INFO
ip_ct_h323: incomplete TPKT (fragmented?)	DEBUG	IPT_ACCOUNT_NAME : checkentry() wrong network/netmask.	INFO
ip_ct_h245: decoding error: %s,	DEBUG	account: Wrong netmask given by netmask parameter (%i). Valid is 32 to 0., netmask	INFO
ip_ct_h245: packet dropped	DEBUG	IPT_ACCOUNT_NAME : checkentry() failed to create procfs entry.	INFO
ip_ct_q931: decoding error: %s,	DEBUG	IPT_ACCOUNT_NAME : checkentry() failed to register match.	INFO
ip_ct_q931: packet dropped	DEBUG	failed to create procfs entry .	INFO
ip_ct_ras: decoding error: %s,	DEBUG	MPPE/MPPC encryption/compression module registered	INFO

ip_ct_ras: packet dropped	DEBUG	MPPE/MPPC encryption/compression module unregistered	INFO
ERROR registering port %d,	DEBUG	PPP generic driver version PPP_ VERSION	INFO
ERROR registering port %d,	DEBUG	MPPE/MPPC encryption/compression module registered	INFO
ipt_connlimit [%d]: src=%u.%u.%u.%u:%d dst=%u.%u.%u.%u:%d %s,	DEBUG	MPPE/MPPC encryption/compression module unregistered	INFO
ipt_connlimit [%d]: src=%u.%u.%u.%u:%d dst=%u.%u.%u.%u:%d new,	DEBUG	PPP generic driver version PPP_ VERSION	INFO
ipt_connlimit: Oops: invalid ct state ?	DEBUG	PPPoL2TP kernel driver, %s,	INFO
ipt_connlimit: Hmm, kmalloc failed :-(	DEBUG	PPPoL2TP kernel driver, %s,	INFO
ipt_connlimit: src=%u.%u.%u.%u mask=%u.%u.%u.%u	DEBUG	PPPoL2TP kernel driver, %s,	INFO
_lvl PPPOL2TP: _fmt, ##args	DEBUG	failed to create procfs entry .	INFO
%02X, ptr[length]	DEBUG	proc dir not created ..	INFO
%02X, ((unsigned char *) m->msg_iov[i].iov_ base)[j]	DEBUG	Initialzing Product Data modules	INFO
%02X, skb->data[i]	DEBUG	De initializing by \	INFO
_lvl PPPOL2TP: _fmt, ##args	DEBUG	kernel UMI module loaded	INFO
%02X, ptr[length]	DEBUG	kernel UMI module unloaded	INFO
%02X, ((unsigned char *) m->msg_iov[i].iov_ base)[j]	DEBUG	Loading bridge module	INFO
%02X, skb->data[i]	DEBUG	Unloading bridge module	INFO
_lvl PPPOL2TP: _fmt, ##args	DEBUG	unsupported command %d, cmd	INFO
%02X, ptr[length]	DEBUG	Loading ifDev module	INFO
%02X, ((unsigned char *) m->msg_iov[i].iov_ base)[j]	DEBUG	Unloading ifDev module	INFO
%02X, skb->data[i]	DEBUG	ERROR#%d in alloc_chrdev_region, result	INFO
KERN_EMERG THE value read is %d,value*/	DEBUG	ERROR#%d in cdev_add, result	INFO
KERN_EMERG Factory Reset button is pressed	DEBUG	using bcm switch %s, bcmswitch	INFO
KERN_EMERG Returing error in INTR registration	DEBUG	privlegedID %d wanporttNo: %d, privlegedID,wanportNo	INFO
KERN_EMERG Initialzing Factory defaults modules	DEBUG	Loading mii	INFO
Failed to allocate memory for pSipListNode	DEBUG	Unloading mii	INFO
SIPALG: Memeory allocation failed for pSipNodeEntryTbl	DEBUG	%s: Version 0.1	INFO
pkt-err %s, pktInfo.error	DEBUG	%s: driver unloaded, dev_info	INFO
pkt-err %s, pktInfo.error	DEBUG	wlan: %s backend registered, be->iab_name	INFO
pkt-err %s, pktInfo.error	DEBUG	wlan: %s backend unregistered,	INFO
%s Len=%d, msg, len	DEBUG	wlan: %s acl policy registered, iac->iac_name	INFO
%02x , ((uint8_t *) ptr)[i]	DEBUG	wlan: %s acl policy unregistered, iac->iac_name	INFO
End	DEBUG	%s, tmpbuf	INFO
CVM_MOD_EXP_BASE MISMATCH cmd=%x base=%x, cmd,	DEBUG	VLAN2	INFO
op->sizeofptr = %ld, op->sizeofptr	DEBUG	VLAN3	INFO
opcode cmd = %x, cmd	DEBUG	VLAN4 <%d %d>,	INFO
modexp opcode received	DEBUG	%s: %s, dev_info, version	INFO
Memory Allocation failed	DEBUG	%s: driver unloaded, dev_info	INFO
modexpcrt opcode received	DEBUG	%s, buf	INFO
kmalloc failed	DEBUG	%s: %s (, dev_info, ath_hal_version	INFO
kmalloc failed	DEBUG	%s: driver unloaded, dev_info	INFO
kmalloc failed	DEBUG	%s: %s: mem=0x%lx, irq=%d hw_ base=0x%p,	INFO
kmalloc failed	DEBUG	%s: %s, dev_info, version	INFO
kmalloc Failed	DEBUG	%s: driver unloaded, dev_info	INFO

kmalloc failed	DEBUG	%s: %s: mem=0x%lx, irq=%d,	INFO
unknown cyrpto ioctl cmd received %x, cmd	DEBUG	%s: %s: mem=0x%lx, irq=%d,	INFO
register_chrdev returned ZERO	DEBUG	%s: %s, dev_info, version	INFO
const char *descr, krb5_keyblock *k) {	DEBUG	%s: driver unloaded, dev_info	INFO
F password, &pdata	DEBUG	%s, buf	INFO
test key, key	DEBUG	%s: %s (, dev_info, ath_hal_version	INFO
pre-hashed key, key	DEBUG	%s: driver unloaded, dev_info	INFO
const char *descr, krb5_keyblock *k) {	DEBUG	%s: driver unloaded, dev_info	INFO
AES 128-bit key, &key	DEBUG	%s: Version 2.0.0	INFO
const char *descr, krb5_keyblock *k) {	DEBUG	%s: driver unloaded, dev_info	INFO
test key, key	DEBUG	%s: driver unloaded, dev_info	INFO
pre-hashed key, key	DEBUG	wlan: %s backend registered, be->iab_name	INFO
const char *descr, krb5_keyblock *k) {	DEBUG	wlan: %s backend unregistered,	INFO
128-bit AES key,&dk	DEBUG	wlan: %s acl policy registered, iac->iac_name	INFO
256-bit AES key, &dk	DEBUG	wlan: %s acl policy unregistered, iac->iac_name	INFO
WARNING:	DEBUG	%s: %s, dev_info, version	INFO
bwMonMultipathNxtHopSelect:: checking rates	DEBUG	%s: driver unloaded, dev_info	INFO
hop :%d dev:%s usableBwLimit = %d currBwShare = %d lastHopSelected = %d weightedHopPrefer = %d ,	DEBUG	%s: %s (, dev_info, ath_hal_version	INFO
1. selecting hop: %d lastHopSelected = %d , selHop, lastHopSelected	DEBUG	%s: driver unloaded, dev_info	INFO
4. hop :%d dev:%s usableBwLimit = %d currBwShare = %d lastHopSelected = %d weightedHopPrefer = %d ,	DEBUG	%s: %s: mem=0x%lx, irq=%d,	INFO
2. selecting hop: %d lastHopSelected = %d , selHop, lastHopSelected	DEBUG	%s: %s, dev_info, version	INFO

3. selecting hop: %d lastHopSelected = %d , selHop, lastHopSelected	DEBUG	%s: driver unloaded, dev_info	INFO
bwMonitor multipath selection enabled	DEBUG	ath_pci: switching rfkill capability %s,	INFO
bwMonitor multipath selection disabled	DEBUG	Unknown autocreate mode: %s,	INFO
weightedHopPrefer set to %d ,weightedHopPrefer	DEBUG	%s: %s: mem=0x%lx, irq=%d,	INFO
bwMonitor sysctl registration failed	DEBUG	%s: %s, dev_info, version	INFO
bwMonitor sysctl registered	DEBUG	%s: driver unloaded, dev_info	INFO
bwMonitor sysctl not registered	DEBUG	%s: %s, dev_info, version	INFO
Unregistered bwMonitor sysctl	DEBUG	%s: unloaded, dev_info	INFO
CONFIG_SYSCTL enabled ...	DEBUG	%s: %s, dev_info, version	INFO
Initialized bandwidth monitor ...	DEBUG	%s: unloaded, dev_info	INFO
Removed bandwidth monitor ...	DEBUG	%s: %s, dev_info, version	INFO
Oops.. AES_GCM_encrypt failed (keylen:%u),key->cvm_keylen	DEBUG	%s: unloaded, dev_info	INFO
Oops.. AES_GCM_decrypt failed (keylen:%u),key->cvm_keylen	DEBUG	failed to create procfs entry .	INFO
%s, msg	DEBUG	ICMP: %u.%u.%u.%u:	INFO
%02x%s, data[i],	DEBUG	ICMP: %u.%u.%u.%u: Source	INFO
Failed to set AES encrypt key	DEBUG	Wrong address mask %u.%u.%u.%u from	INFO
Failed to set AES encrypt key	DEBUG	Redirect from %u.%u.%u.%u on %s about	INFO
AES %s Encrypt Test Duration: %d:%d, hard ? Hard : Soft,	DEBUG	IP: routing cache hash table of %u buckets, %ldKbytes,	INFO
Failed to set AES encrypt key	DEBUG	source route option %u.%u.%u.%u -> %u.%u.%u.%u,	INFO
Failed to set AES encrypt key	DEBUG	ICMP: %u.%u.%u.%u:	INFO
AES %s Decrypt Test Duration: %d:%d, hard ? Hard : Soft,	DEBUG	ICMP: %u.%u.%u.%u: Source	INFO
Failed to set AES encrypt key	DEBUG	Wrong address mask %u.%u.%u.%u from	INFO
Failed to set AES encrypt key	DEBUG	Redirect from %u.%u.%u.%u on %s about	INFO
Failed to set AES encrypt key	DEBUG	IP: routing cache hash table of %u buckets, %ldKbytes,	INFO
Failed to set AES encrypt key	DEBUG	source route option %u.%u.%u.%u -> %u.%u.%u.%u,	INFO

Failed to set DES encrypt key[%d], i	DEBUG	Wrong address mask %u.%u.%u.%u from	INFO
Failed to set DES decrypt key[%d], i	DEBUG	Redirect from %u.%u.%u.%u on %s about	INFO
Failed to set DES encrypt key[%d], i	DEBUG	source route option	INFO
Failed to set DES decrypt key[%d], i	DEBUG	ICMP: %u.%u.%u.%u:	INFO
Failed to set DES encrypt key	DEBUG	ICMP: %u.%u.%u.%u: Source	INFO
Failed to set DES decrypt key	DEBUG	Wrong address mask %u.%u.%u.%u from	INFO
Failed to set DES encrypt key	DEBUG	Redirect from %u.%u.%u.%u on %s about	INFO
Failed to set DES decrypt key	DEBUG	IP: routing cache hash table of %u buckets, %ldKbytes,	INFO
AES Software Test:	DEBUG	source route option %u.%u.%u.%u -> %u.%u.%u.%u,	INFO
AES Software Test %s, aesSoftTest(0) ? Failed : Passed	DEBUG	IPsec: device unregistering: %s, dev->name	INFO
AES Hardware Test:	DEBUG	IPsec: device down: %s, dev->name	INFO
AES Hardware Test %s, aesHardTest(0) ? Failed : Passed	DEBUG	mark: only supports 32bit mark	WARNING
3DES Software Test:	DEBUG	ipt_time: invalid argument	WARNING
3DES Software Test %s, des3SoftTest(0) ? Failed : Passed	DEBUG	ipt_time: IPT_DAY didn't matched	WARNING
3DES Hardware Test:	DEBUG	./Logs_kernel.txt:45:KERN_WARNING	WARNING
3DES Hardware Test %s, des3HardTest(0) ? Failed : Passed	DEBUG	./Logs_kernel.txt:59:KERN_WARNING	WARNING
DES Software Test:	DEBUG	ipt_LOG: not logging via system console	WARNING
DES Software Test %s, desSoftTest(0) ? Failed : Passed	DEBUG	%s: wrong options length: %u, fname, opt_len	WARNING
DES Hardware Test:	DEBUG	%s: options rejected: o[0]=%02x, o[1]=%02x,	WARNING
DES Hardware Test %s, desHardTest(0) ? Failed : Passed	DEBUG	%s: wrong options length: %u,	WARNING
SHA Software Test:	DEBUG	%s: options rejected: o[0]=%02x, o[1]=%02x,	WARNING
SHA Software Test %s, shaSoftTest(0) ? Failed : Passed	DEBUG	%s: don't know what to do: o[5]=%02x,	WARNING
SHA Hardware Test:	DEBUG	%s: wrong options length: %u, fname, opt_len	WARNING
SHA Hardware Test %s, shaHardTest(0) ? Failed : Passed	DEBUG	%s: options rejected: o[0]=%02x, o[1]=%02x,	WARNING
MD5 Software Test:	DEBUG	%s: wrong options length: %u,	WARNING
MD5 Software Test %s, md5SoftTest(0) ? Failed : Passed	DEBUG	%s: options rejected: o[0]=%02x, o[1]=%02x,	WARNING
MD5 Hardware Test:	DEBUG	%s: don't know what to do: o[5]=%02x,	WARNING
MD5 Hardware Test %s, md5HardTest(0) ? Failed : Passed	DEBUG	*** New port %d ***, ntohs(expinfo->natport)	WARNING
AES Software Test: %d iterations, iter	DEBUG	** skb len %d, dlen %d,(*pskb)->len,	WARNING
AES Software Test Duration: %d:%d,	DEBUG	********** Non linear skb	WARNING
AES Hardware Test: %d iterations, iter	DEBUG	End of sdp %p, nexthdr	WARNING
AES Hardware Test Duration: %d:%d,	DEBUG	%s: unknown pairwise cipher %d,	WARNING
3DES Software Test: %d iterations, iter	DEBUG	%s: unknown group cipher %d,	WARNING
3DES Software Test Duration: %d:%d,	DEBUG	%s: unknown SIOCSIWAUTH flag %d,	WARNING
3DES Hardware Test: %d iterations, iter	DEBUG	%s: unknown SIOCGIWAUTH flag %d,	WARNING
3DES Hardware Test Duration: %d:%d,	DEBUG	%s: unknown algorithm %d,	WARNING
DES Software Test: %d iterations, iter	DEBUG	%s: key size %d is too large,	WARNING
DES Software Test Duration: %d:%d,	DEBUG	try_module_get failed \	WARNING
DES Hardware Test: %d iterations, iter	DEBUG	%s: request_irq failed, dev->name	WARNING

DES Hardware Test Duration: %d:%d,	DEBUG	try_module_get failed	WARNING
SHA Software Test: %d iterations, iter	DEBUG	try_module_get failed \	WARNING
SHA Software Test Duration: %d:%d,	DEBUG	%s: unknown pairwise cipher %d,	WARNING
SHA Hardware Test: %d iterations, iter	DEBUG	%s: unknown group cipher %d,	WARNING
SHA Hardware Test Duration: %d:%d,	DEBUG	%s: unknown SIOCSIWAUTH flag %d,	WARNING
MD5 Software Test: %d iterations, iter	DEBUG	%s: unknown SIOCGIWAUTH flag %d,	WARNING
MD5 Software Test Duration: %d:%d,	DEBUG	%s: unknown algorithm %d,	WARNING
MD5 Hardware Test: %d iterations, iter	DEBUG	%s: key size %d is too large,	WARNING
MD5 Hardware Test Duration: %d:%d,	DEBUG	unable to load %s, scan_ modnames[mode]	WARNING
./pnac/src/pnac/linux/kernel/ xcalibur.c:209:#define DEBUG_PRINTK printk	DEBUG	Failed to mkdir /proc/net/madwifi	WARNING
bcmDeviceInit: registration failed	DEBUG	try_module_get failed	WARNING
bcmDeviceInit: pCdev Add failed	DEBUG	%s: request_irq failed, dev->name	WARNING
REG Size == 8 Bit	DEBUG	too many virtual ap's (already got %d), sc->sc_nvaps	WARNING
Value = %x ::: At Page = %x : Addr = %x	DEBUG	%s: request_irq failed, dev->name	WARNING
REG Size == 16 Bit	DEBUG	rix %u (%u) bad ratekbps %u mode %u,	WARNING
Value = %x ::: At Page = %x : Addr = %x	DEBUG	cix %u (%u) bad ratekbps %u mode %u,	WARNING
REG Size == 32 Bit	DEBUG	%s: no rates for %s?,	WARNING
Value = %x ::: At Page = %x : Addr = %x	DEBUG	no rates yet! mode %u, sc->sc_ curmode	WARNING
REG Size == 64 Bit	DEBUG	%u.%u.%u.%u sent an invalid ICMP	WARNING
REG Size is not in 8/16/32/64	DEBUG	dst cache overflow	WARNING
Written Value = %x ::: At Page = %x : Addr = %x	DEBUG	Neighbour table overflow.	WARNING
bcm_ioctl :Unknown Ioctl Case :	DEBUG	host %u.%u.%u.%u/if%d ignores	WARNING
=========Register Dump for Port Number # %d=========,port	DEBUG	martian destination %u.%u.%u.%u from	WARNING
%s : Read Status=%s data=%#x,regName[j],	DEBUG	martian source %u.%u.%u.%u from	WARNING
%s : Read Status=%s data=%#x,regName[j],	DEBUG	ll header:	WARNING
powerDeviceInit: device registration failed	DEBUG	%u.%u.%u.%u sent an invalid ICMP	WARNING
powerDeviceInit: adding device failed	DEBUG	dst cache overflow	WARNING
%s: Error: Big jump in pn number. TID=%d, from %x %x to %x %x.	DEBUG	Neighbour table overflow.	WARNING
%s: The MIC is corrupted. Drop this frame., __func__	DEBUG	host %u.%u.%u.%u/if%d ignores	WARNING
%s: The MIC is OK. Still use this frame and update PN., __func__	DEBUG	martian destination %u.%u.%u.%u from	WARNING
ADDBA send failed: recipient is not a 11n node	DEBUG	martian source %u.%u.%u.%u from	WARNING
Cannot Set Rate: %x, value	DEBUG	ll header:	WARNING
Getting Rate Series: %x,vap->iv_fixed_rate.series	DEBUG	%u.%u.%u.%u sent an invalid ICMP	WARNING
Getting Retry Series: %x,vap->iv_fixed_rate. retries	DEBUG	dst cache overflow	WARNING
IC Name: %s,ic->ic_dev->name	DEBUG	Neighbour table overflow.	WARNING

usage: rtparams rt_idx <0|1> per <0..100> probe_intval <0..100>	DEBUG	host %u.%u.%u.%u/if%d ignores	WARNING
usage: acparams ac <0|3> RTS <0|1> aggr scaling <0..4> min mbps <0..250>	DEBUG	martian source %u.%u.%u.%u from	WARNING
usage: hbrparams ac <2> enable <0|1> per_low <0..50>	DEBUG	ll header:	WARNING
%s(): ADDBA mode is AUTO, __func__	DEBUG	martian destination %u.%u.%u.%u from	WARNING
%s(): Invalid TID value, __func__	DEBUG	%u.%u.%u.%u sent an invalid ICMP	WARNING
%s(): ADDBA mode is AUTO, __func__	DEBUG	dst cache overflow	WARNING
%s(): Invalid TID value, __func__	DEBUG	Neighbour table overflow.	WARNING
%s(): Invalid TID value, __func__	DEBUG	host %u.%u.%u.%u/if%d ignores	WARNING
Addba status IDLE	DEBUG	martian destination %u.%u.%u.%u from	WARNING
%s(): ADDBA mode is AUTO, __func__	DEBUG	martian source %u.%u.%u.%u from	WARNING
%s(): Invalid TID value, __func__	DEBUG	ll header:	WARNING
Error in ADD- no node available	DEBUG	Unable to create ip_set_list	ERROR
%s(): Channel capabilities do not match, chan flags 0x%x,	DEBUG	Unable to create ip_set_hash	ERROR
%s: cannot map channel to mode; freq %u flags 0x%x,	DEBUG	ip_conntrack_in: Frag of proto %u (hook=%u),	ERROR
ic_get_currentCountry not initialized yet	DEBUG	Unable to register netfilter socket option	ERROR
Country ie is %c%c%c,	DEBUG	Unable to create ip_conntrack_hash	ERROR
%s: wrong state transition from %d to %d,	DEBUG	Unable to create ip_conntrack slab cache	ERROR
%s: wrong state transition from %d to %d,	DEBUG	Unable to create ip_expect slab cache	ERROR
%s: wrong state transition from %d to %d,	DEBUG	Unable to create ip_set_iptreeb slab cache	ERROR
%s: wrong state transition from %d to %d,	DEBUG	Unable to create ip_set_iptreed slab cache	ERROR
%s: wrong state transition from %d to %d,	DEBUG	%s: cannot allocate space for %scompressor, fname,	ERROR
%s: wrong state transition from %d to %d,	DEBUG	%s: cannot allocate space for MPPC history,	ERROR
ieee80211_deliver_l2uf: no buf available	DEBUG	%s: cannot allocate space for MPPC history,	ERROR
%s: %s, vap->iv_dev->name, buf /* NB: no */	DEBUG	%s: cannot load ARC4 module, fname	ERROR
%s: [%s] %s, vap->iv_dev->name,	DEBUG	%s: cannot load SHA1 module, fname	ERROR
%s: [%s] %s, vap->iv_dev->name, ether_ sprintf(mac), buf	DEBUG	%s: CryptoAPI SHA1 digest size too small, fname	ERROR
[%s:%s] discard %s frame, %s, vap->iv_dev->name,	DEBUG	%s: cannot allocate space for SHA1 digest, fname	ERROR

[%s:%s] discard frame, %s, vap->iv_dev->name,	DEBUG	%s%d: trying to write outside history	ERROR
[%s:%s] discard %s information element, %s,	DEBUG	%s%d: trying to write outside history	ERROR
[%s:%s] discard information element, %s,	DEBUG	%s%d: trying to write outside history	ERROR
[%s:%s] discard %s frame, %s, vap->iv_dev->name,	DEBUG	%s%d: too big uncompressed packet: %d,	ERROR
[%s:%s] discard frame, %s, vap->iv_dev->name,	DEBUG	%s%d: encryption negotiated but not an	ERROR
HBR list dumpNode\tAddress\t\t\tState\tTrigger\tBlock	DEBUG	%s%d: error - not an MPPC or MPPE frame	ERROR
Nodes informationAddress\t\t\tBlock\t\tDroped VI frames	DEBUG	Kernel doesn't provide ARC4 and/or SHA1 algorithms	ERROR
%d\t %2.2x:%2.2x:%2.2x:%2.2x:%2.2x:%2.2x\t%s\t%s\t%s,	DEBUG	PPP: not interface or channel??	ERROR
%2.2x:%2.2x:%2.2x:%2.2x:%2.2x:%2.2x\t%s\t\t%d,	DEBUG	PPP: no memory (VJ compressor)	ERROR
[%d]\tFunction\t%s, j, ni->node_trace[i].funcp	DEBUG	failed to register PPP device (%d), err	ERROR
[%d]\tMacAddr\t%s, j,	DEBUG	PPP: no memory (VJ comp pkt)	ERROR
[%d]\tDescp\t\t%s, j, ni->node_trace[i].descp	DEBUG	PPP: no memory (comp pkt)	ERROR
[%d]\tValue\t\t%llu(0x%llx), j, ni->node_trace[i].value,	DEBUG	ppp: compressor dropped pkt	ERROR
ifmedia_add: null ifm	DEBUG	PPP: no memory (fragment)	ERROR
Adding entry for	DEBUG	PPP: VJ uncompressed error	ERROR
ifmedia_set: no match for 0x%x/0x%x,	DEBUG	ppp_decompress_frame: no memory	ERROR
ifmedia_set: target	DEBUG	ppp_mp_reconstruct bad seq %u < %u,	ERROR
ifmedia_set: setting to	DEBUG	PPP: couldn't register device %s (%d),	ERROR
ifmedia_ioctl: switching %s to , dev->name	DEBUG	ppp: destroying ppp struct %p but dead=%d	ERROR
ifmedia_match: multiple match for	DEBUG	ppp: destroying undead channel %p !,	ERROR
<unknown type>	DEBUG	PPP: removing module but units remain!	ERROR
desc->ifmt_string	DEBUG	PPP: failed to unregister PPP device	ERROR
mode %s, desc->ifmt_string	DEBUG	%s: cannot allocate space for %scompressor, fname,	ERROR
<unknown subtype>	DEBUG	%s: cannot allocate space for MPPC history,	ERROR
%s, desc->ifmt_string	DEBUG	%s: cannot allocate space for MPPC history,	ERROR
%s%s, seen_option++ ? , : ,	DEBUG	%s: cannot load ARC4 module, fname	ERROR
%s%s, seen_option++ ? , : ,	DEBUG	%s: cannot load SHA1 module, fname	ERROR
%s, seen_option ? > :	DEBUG	%s: CryptoAPI SHA1 digest size too small, fname	ERROR

%s: %s, dev->name, buf	DEBUG	%s: cannot allocate space for SHA1 digest, fname	ERROR
%s: no memory for sysctl table!, __func__	DEBUG	%s%d: trying to write outside history	ERROR
%s: failed to register sysctls!, vap->iv_dev->name	DEBUG	%s%d: trying to write outside history	ERROR
Atheros HAL assertion failure: %s: line %u: %s,	DEBUG	%s%d: trying to write outside history	ERROR
ath_hal: logging to %s %s, ath_hal_logfile,	DEBUG	%s%d: too big uncompressed packet: %d,	ERROR
ath_hal: logging disabled	DEBUG	%s%d: encryption negotiated but not an	ERROR
%s%s, sep, ath_hal_buildopts[i]	DEBUG	%s%d: error - not an MPPC or MPPE frame	ERROR
ath_pci: No devices found, driver not installed.	DEBUG	Kernel doesn't provide ARC4 and/or SHA1 algorithms	ERROR
---:%d pri:%d qd:%u ad:%u sd:%u tot:%u amp:%d %02x:%02x:%02x,	DEBUG	PPP: not interface or channel??	ERROR
SC Pushbutton Notify on %s::%s,dev->name,vap->iv_dev->name	DEBUG	PPP: no memory (VJ compressor)	ERROR
Could not find Board Configuration Data	DEBUG	failed to register PPP device (%d), err	ERROR
Could not find Radio Configuration data	DEBUG	PPP: no memory (comp pkt)	ERROR
%s: No device, __func__	DEBUG	ppp: compressor dropped pkt	ERROR
ath_ahb: No devices found, driver not installed.	DEBUG	PPP: no memory (VJ comp pkt)	ERROR
PKTLOG_TAG %s:proc_dointvec failed, __ FUNCTION__	DEBUG	PPP: no memory (comp pkt)	ERROR
PKTLOG_TAG %s:proc_dointvec failed, __ FUNCTION__	DEBUG	PPP: no memory (fragment)	ERROR
%s: failed to register sysctls!, proc_name	DEBUG	PPP: VJ uncompressed error	ERROR
PKTLOG_TAG %s: proc_mkdir failed, __ FUNCTION__	DEBUG	ppp_decompress_frame: no memory	ERROR
PKTLOG_TAG %s: pktlog_attach failed for %s,	DEBUG	ppp_mp_reconstruct bad seq %u < %u,	ERROR
PKTLOG_TAG %s:allocation failed for pl_info, __FUNCTION__	DEBUG	PPP: couldn't register device %s (%d),	ERROR
PKTLOG_TAG %s:allocation failed for pl_info, __FUNCTION__	DEBUG	ppp: destroying ppp struct %p but dead=%d	ERROR
PKTLOG_TAG %s: create_proc_entry failed for %s,	DEBUG	ppp: destroying undead channel %p !,	ERROR
PKTLOG_TAG %s: sysctl register failed for %s,	DEBUG	PPP: removing module but units remain!	ERROR
PKTLOG_TAG %s: page fault out of range, __ FUNCTION__	DEBUG	PPP: failed to unregister PPP device	ERROR
PKTLOG_TAG %s: page fault out of range, __ FUNCTION__	DEBUG	JBD: bad block at offset %u,	ERROR
PKTLOG_TAG %s: Log buffer unavailable, __ FUNCTION__	DEBUG	JBD: corrupted journal superblock	ERROR
PKTLOG_TAG	DEBUG	JBD: bad block at offset %u,	ERROR

Logging should be disabled before changing bufer size	DEBUG	JBD: Failed to read block at offset %u,	ERROR
%s:allocation failed for pl_info, __func__	DEBUG	JBD: error %d scanning journal, err	ERROR
%s: Unable to allocate buffer, __func__	DEBUG	JBD: IO error %d recovering block	ERROR
%s:allocation failed for pl_info, __func__	DEBUG	./Logs_kernel.txt:303:KERN_ERR	ERROR
%s: Unable to allocate buffer, __func__	DEBUG	./Logs_kernel.txt:304:KERN_ERR	ERROR
Atheros HAL assertion failure: %s: line %u: %s,	DEBUG	JBD: recovery pass %d ended at	ERROR
ath_hal: logging to %s %s, ath_hal_logfile,	DEBUG	%s: %s:%d: BAD SESSION MAGIC \	ERROR
ath_hal: logging disabled	DEBUG	%s: %s:%d: BAD TUNNEL MAGIC \	ERROR
%s%s, sep, ath_hal_buildopts[i]	DEBUG	msg->msg_namelen wrong, %d, msg->msg_namelen	ERROR
failed to allocate rx descriptors: %d, error	DEBUG	addr family wrong: %d, usin->sin_family	ERROR
ath_stoprecv: rx queue %p, link %p,	DEBUG	udp addr=%x/%hu, usin->sin_addr.s_addr, usin->sin_port	ERROR
no mpdu (%s), __func__	DEBUG	%s: %s:%d: BAD TUNNEL MAGIC	ERROR
Reset rx chain mask. Do internal reset. (%s), __func__	DEBUG	%s: %s:%d: BAD TUNNEL MAGIC	ERROR
OS_CANCEL_TIMER failed!!	DEBUG	socki_lookup: socket file changed!	ERROR
%s: unable to allocate channel table, __func__	DEBUG	%s: %s:%d: BAD TUNNEL MAGIC	ERROR
%s: unable to collect channel list from hal;	DEBUG	%s: %s:%d: BAD SESSION MAGIC \	ERROR
%s: cannot map channel to mode; freq %u flags 0x%x,	DEBUG	%s: %s:%d: BAD TUNNEL MAGIC \	ERROR
%s: unable to reset channel %u (%uMhz)	DEBUG	msg->msg_namelen wrong, %d, msg->msg_namelen	ERROR
%s: unable to restart recv logic,	DEBUG	addr family wrong: %d, usin->sin_family	ERROR
%s: start DFS WAIT period on channel %d, __ func__,sc->sc_curchan.channel	DEBUG	udp addr=%x/%hu, usin->sin_addr.s_addr, usin->sin_port	ERROR
%s: cancel DFS WAIT period on channel %d, __func__, sc->sc_curchan.channel	DEBUG	%s: %s:%d: BAD TUNNEL MAGIC	ERROR
Non-DFS channel, cancelling previous DFS wait timer channel %d, sc->sc_curchan.channel	DEBUG	%s: %s:%d: BAD TUNNEL MAGIC	ERROR
%s: unable to reset hardware; hal status %u	DEBUG	socki_lookup: socket file changed!	ERROR
%s: unable to start recv logic, __func__	DEBUG	%s: %s:%d: BAD TUNNEL MAGIC	ERROR
%s: unable to start recv logic, __func__	DEBUG	%s: %s:%d: BAD SESSION MAGIC \	ERROR
%s: unable to reset hardware; hal status %u,	DEBUG	%s: %s:%d: BAD TUNNEL MAGIC \	ERROR
hardware error; reseting	DEBUG	msg->msg_namelen wrong, %d, msg->msg_namelen	ERROR

rx FIFO overrun; reseting	DEBUG	addr family wrong: %d, usin->sin_ family	ERROR
%s: During Wow Sleep and got BMISS, __func__	DEBUG	udp addr=%x/%hu, usin->sin_addr.s_ addr, usin->sin_port	ERROR
AC\tRTS \tAggr Scaling\tMin Rate(Kbps)\tHBR \ tPER LOW THRESHOLD	DEBUG	%s: %s:%d: BAD TUNNEL MAGIC	ERROR
BE\t%s\t\t%d\t%6d\t\t%s\t%d,	DEBUG	%s: %s:%d: BAD TUNNEL MAGIC	ERROR
BK\t%s\t\t%d\t%6d\t\t%s\t%d,	DEBUG	socki_lookup: socket file changed!	ERROR
VI\t%s\t\t%d\t%6d\t\t%s\t%d,	DEBUG	%s: %s:%d: BAD TUNNEL MAGIC	ERROR
VO\t%s\t\t%d\t%6d\t\t%s\t%d,	DEBUG	rebootHook: null function pointer	ERROR
--%d,%p,%lu:0x%x 0x%x 0x%p 0x%x 0x%x 0x%x 0x%x,	DEBUG	Bad ioctl command	ERROR
bb state: 0x%08x 0x%08x, bbstate(sc, 4ul), bbstate(sc, 5ul)	DEBUG	fResetMod: Failed to configure gpio pin	ERROR
%08x %08x %08x %08x %08x %08x %08x %08x%08x %08x %08x %08x,	DEBUG	fResetMod: Failed to register interrupt handler	ERROR
noise floor: (%d, %d) (%d, %d) (%d, %d),	DEBUG	registering char device failed	ERROR
%p: %08x %08x %08x %08x %08x %08x %08x %08x %08x %08x %08x %08x,	DEBUG	unregistering char device failed	ERROR
--%d,%p,%lu:0x%x 0x%x 0x%p 0x%x 0x%x 0x%x 0x%x,	DEBUG	proc entry delete failed	ERROR
%08x %08x %08x %08x %08x %08x %08x %08x%08x %08x %08x %08x,	DEBUG	proc entry initialization failed	ERROR
%s: unable to allocate device object., __func__	DEBUG	testCompHandler: received %s from %d, (char *)pInBuf,	ERROR
%s: unable to attach hardware; HAL status %u,	DEBUG	UMI proto registration failed %d,ret	ERROR
%s: HAL ABI msmatch;	DEBUG	AF_UMI registration failed %d,ret	ERROR
%s: Warning, using only %u entries in %u key cache,	DEBUG	umi initialization failed %d,ret	ERROR
unable to setup a beacon xmit queue!	DEBUG	kernel UMI registration failed!	ERROR
unable to setup CAB xmit queue!	DEBUG	./Logs_kernel.txt:447:KERN_ERR	ERROR
unable to setup xmit queue for BE traffic!	DEBUG	ERROR msm not found properly %d, len %d, msm,	ERROR
%s DFS attach failed, __func__	DEBUG	ModExp returned Error	ERROR
%s: Invalid interface id = %u, __func__, if_id	DEBUG	ModExp returned Error	ERROR
%s:grppoll Buf allocation failed ,__func__	DEBUG	%s: 0x%p len %u, tag, p, (unsigned int)len	ERROR
%s: unable to start recv logic,	DEBUG	%03d:, i	ERROR
%s: Invalid interface id = %u, __func__, if_id	DEBUG	%02x, ((unsigned char *)p)[i]	ERROR
%s: unable to allocate channel table, __func__	DEBUG	mic check failed	ERROR
%s: Tx Antenna Switch. Do internal reset., __ func__	DEBUG	%s: 0x%p len %u, tag, p, (unsigned int)len	ERROR

Radar found on channel %d (%d MHz),	DEBUG	%03d:, i	ERROR
End of DFS wait period	DEBUG	%02x, ((unsigned char *)p)[i]	ERROR
%s error allocating beacon, __func__	DEBUG	mic check failed	ERROR
failed to allocate UAPSD QoS NULL tx descriptors: %d, error	DEBUG	[%s] Wrong parameters, __func__	ERROR
failed to allocate UAPSD QoS NULL wbuf	DEBUG	[%s] Wrong Key length, __func__	ERROR
%s: unable to allocate channel table, __func__	DEBUG	[%s] Wrong parameters, __func__	ERROR
%s: unable to update h/w beacon queue parameters,	DEBUG	[%s] Wrong Key length, __func__	ERROR
ALREADY ACTIVATED	DEBUG	[%s] Wrong parameters, __func__	ERROR
%s: missed %u consecutive beacons,	DEBUG	[%s] Wrong Key length, __func__	ERROR
%s: busy times: rx_clear=%d, rx_frame=%d, tx_ frame=%d, __func__, rx_clear, rx_frame, tx_frame	DEBUG	[%s] Wrong parameters, __func__	ERROR
%s: unable to obtain busy times, __func__	DEBUG	[%s] Wrong Key length, __func__	ERROR
%s: beacon is officially stuck,	DEBUG	[%s]: Wrong parameters, __func__	ERROR
Busy environment detected	DEBUG	[%s] Wrong Key Length %d, __func__, des_key_len	ERROR
Inteference detected	DEBUG	[%s] Wrong parameters %d, __func__, des_key_len	ERROR
rx_clear=%d, rx_frame=%d, tx_frame=%d,	DEBUG	[%s] Wrong Key Length %d, __func__, des_key_len	ERROR
%s: resume beacon xmit after %u misses,	DEBUG	[%s] Wrong parameters, __func__	ERROR
%s: stuck beacon; resetting (bmiss count %u),	DEBUG	[%s] Wrong Key Length, __func__	ERROR
EMPTY QUEUE	DEBUG	[%s] Wrong parameters, __func__	ERROR
SWRInfo: seqno %d isswRetry %d retryCnt %d,wh ? (*(u_int16_t *)&wh->i_seq[0]) >> 4 : 0, bf->bf_ isswretry,bf->bf_swretries	DEBUG	[%s] Wrong Key Length, __func__	ERROR
Buffer #%08X --> Next#%08X Prev#%08X Last#%08X,bf, TAILQ_NEXT(bf,bf_list),	DEBUG	[%s] Wrong parameters, __func__	ERROR
Stas#%08X flag#%08X Node#%08X, bf->bf_status, bf->bf_flags, bf->bf_node	DEBUG	[%s] Wrong parameters, __func__	ERROR
Descr #%08X --> Next#%08X Data#%08X Ctl0#%08X Ctl1#%08X, bf->bf_daddr, ds->ds_ link, ds->ds_data, ds->ds_ctl0, ds->ds_ctl1	DEBUG	[%s] Wrong parameters, __func__	ERROR
Ctl2#%08X Ctl3#%08X Sta0#%08X Sta1#%08X,ds->ds_hw[0], ds->ds_hw[1], lastds->ds_hw[2], lastds->ds_hw[3]	DEBUG	[%s] Wrong parameters, __func__	ERROR
Error entering wow mode	DEBUG	device name=%s not found, pReq->ifName	ERROR
Wakingup due to wow signal	DEBUG	unable to register KIFDEV to UMI	ERROR
%s, wowStatus = 0x%x, __func__, wowStatus	DEBUG	ERROR: %s: Timeout at page %#0x addr %#0x	ERROR

Pattern added already	DEBUG	ERROR: %s: Timeout at page %#0x addr %#0x	ERROR
Error : All the %d pattern are in use. Cannot add a new pattern , MAX_NUM_PATTERN	DEBUG	Invalid IOCTL %#08x, cmd	ERROR
Pattern added to entry %d ,i	DEBUG	%s: unable to register device, dev->name	ERROR
Remove wake up pattern	DEBUG	ath_pci: 32-bit DMA not available	ERROR
mask = %p pat = %p ,maskBytes,patternBytes	DEBUG	ath_pci: cannot reserve PCI memory region	ERROR
mask = %x pat = %x ,(u_int32_t)maskBytes, (u_int32_t)patternBytes	DEBUG	ath_pci: cannot remap PCI memory region) ;	ERROR
Pattern Removed from entry %d ,i	DEBUG	ath_pci: no memory for device state	ERROR
Error : Pattern not found	DEBUG	%s: unable to register device, dev->name	ERROR
PPM STATE ILLEGAL %x %x, forcePpmStateCur, afp->forceState	DEBUG	ath_dev_probe: no memory for device state	ERROR
FORCE_PPM %4d %6.6x %8.8x %8.8x %8.8x %3.3x %4.4x,	DEBUG	%s: no memory for device state, __func__	ERROR
failed to allocate tx descriptors: %d, error	DEBUG	kernel MIBCTL registration failed!	ERROR
failed to allocate beacon descripotrs: %d, error	DEBUG	Bad ioctl command	ERROR
failed to allocate UAPSD descripotrs: %d, error	DEBUG	WpsMod: Failed to configure gpio pin	ERROR
hal qnum %u out of range, max %u!,	DEBUG	WpsMod: Failed to register interrupt handler	ERROR
HAL AC %u out of range, max %zu!,	DEBUG	registering char device failed	ERROR
HAL AC %u out of range, max %zu!,	DEBUG	unregistering char device failed	ERROR
%s: unable to update hardware queue %u!,	DEBUG	%s:%d - ERROR: non-NULL node pointer in %p, %p<%s>!	ERROR
Multicast Q:	DEBUG	%s:%d - ERROR: non-NULL node pointer in %p, %p<%s>!	ERROR
%p , buf	DEBUG	can't alloc name %s, name	ERROR
buf flags - 0x%08x --------- , buf->bf_flags	DEBUG	%s: unable to register device, dev->name	ERROR
buf status - 0x%08x, buf->bf_status	DEBUG	failed to automatically load module: %s; \	ERROR
# frames in aggr - %d, length of aggregate - %d, length of frame - %d, sequence number - %d, tidno - %d,	DEBUG	Unable to load needed module: %s; no support for \	ERROR
isdata: %d isaggr: %d isampdu: %d ht: %d isretried: %d isxretried: %d shpreamble: %d isbar: %d ispspoll: %d aggrburst: %d calcairtime: %d qosnulleosp: %d,	DEBUG	Module \%s\ is not known, buf	ERROR
%p: 0x%08x 0x%08x 0x%08x 0x%08x 0x%08x 0x%08x 0x%08x 0x%08x 0x%08x 0x%08x 0x%08x 0x%08x,	DEBUG	Error loading module \%s\, buf	ERROR
0x%08x 0x%08x 0x%08x 0x%08x 0x%08x 0x%08x 0x%08x 0x%08x 0x%08x 0x%08x 0x%08x 0x%08x,	DEBUG	Module \%s\ failed to initialize, buf	ERROR
0x%08x 0x%08x 0x%08x 0x%08x,	DEBUG	ath_pci: 32-bit DMA not available	ERROR
sc_txq[%d] : , i	DEBUG	ath_pci: cannot reserve PCI memory region	ERROR
tid %p pause %d : , tid, tid->paused	DEBUG	ath_pci: cannot remap PCI memory region) ;	ERROR
%d: %p , j, tid->tx_buf[j]	DEBUG	ath_pci: no memory for device state	ERROR
%p , buf	DEBUG	%s: unable to attach hardware: '%s' (HAL status %u),	ERROR
axq_q:	DEBUG	%s: HAL ABI mismatch;	ERROR

%s: unable to reset hardware; hal status %u, __func__, status	DEBUG	%s: failed to allocate descriptors: %d,	ERROR
****ASSERTION HIT****	DEBUG	%s: unable to setup a beacon xmit queue!,	ERROR
MacAddr=%s,	DEBUG	%s: unable to setup CAB xmit queue!,	ERROR
TxBufIdx=%d, i	DEBUG	%s: unable to setup xmit queue for %s traffic!,	ERROR
Tid=%d, tidno	DEBUG	%s: unable to register device, dev->name	ERROR
AthBuf=%p, tid->tx_buf[i]	DEBUG	%s: autocreation of VAP failed: %d,	ERROR
%s: unable to reset hardware; hal status %u,	DEBUG	ath_dev_probe: no memory for device state	ERROR
%s: unable to reset hardware; hal status %u,	DEBUG	kdot11RogueAPEnable called with NULL argument.	ERROR
%s: unable to start recv logic,	DEBUG	kdot11RogueAPEnable: can not add more interfaces	ERROR
_fmt, __VA_ARGS__ \	DEBUG	kdot11RogueAPGetState called with NULL argument.	ERROR
sample_pri=%d is a multiple of refpri=%d, sample_pri, refpri	DEBUG	kdot11RogueAPDisable called with NULL argument.	ERROR
==========ft->ft_ numfilters=%u==========, ft->ft_numfilters	DEBUG	%s: SKB does not exist., __ FUNCTION__	ERROR
filter[%d] filterID = %d rf_numpulses=%u; rf->rf_minpri=%u; rf->rf_maxpri=%u; rf->rf_threshold=%u; rf->rf_filterlen=%u; rf->rf_ mindur=%u; rf->rf_maxdur=%u,j, rf->rf_pulseid,	DEBUG	%s: recvd invalid skb	ERROR
NOL	DEBUG	unable to register KIFDEV to UMI	ERROR
WARNING!!! 10 minute CAC period as channel is a weather radar channel	DEBUG	The system is going to factory defaults.....!!!	CRITICAL
%s disable detects, __func__	DEBUG	%s, msg	CRITICAL
%s enable detects, __func__	DEBUG	%02x, *(data + i)	CRITICAL
%s disable FFT val=0x%x , __func__, val	DEBUG	Inside crypt_open in driver ######	CRITICAL
%s enable FFT val=0x%x , __func__, val	DEBUG	Inside crypt_release in driver ######	CRITICAL
%s debug level now = 0x%x , __func__, dfs_ debug_level	DEBUG	Inside crypt_init module in driver @@@@@@@@	CRITICAL
RateTable:%d, maxvalidrate:%d, ratemax:%d, pRc->rateTableSize,k,pRc->rateMaxPhy	DEBUG	Inside crypt_cleanup module in driver @@@@@@@@	CRITICAL
%s: txRate value of 0x%x is bad., __FUNCTION__, txRate	DEBUG	SKB is null : %p ,skb	CRITICAL
Valid Rate Table:-	DEBUG	DST is null : %p ,dst	CRITICAL
Index:%d, value:%d, code:%x, rate:%d, flag:%x, i, (int)validRateIndex[i],	DEBUG	DEV is null %p %p ,dev,dst	CRITICAL
RateTable:%d, maxvalidrate:%d, ratemax:%d, pRc->rateTableSize,k,pRc->rateMaxPhy	DEBUG	Packet is Fragmented %d,pBufMgr->len	CRITICAL
Can't allocate memory for ath_vap.	DEBUG	Marked the packet proto:%d sip:%x dip:%x sport:%d dport:%d spi:%d,isr:%p:%p %p	CRITICAL
Unable to add an interface for ath_dev.	DEBUG	SAV CHECK FAILED IN DECRYPTION	CRITICAL
%s: [%02u] %-7s , tag, ix, ciphers[hk->kv_type]	DEBUG	FAST PATH Breaks on BUF CHECK	CRITICAL
%02x, hk->kv_val[i]	DEBUG	FAST PATH Breaks on DST CHECK	CRITICAL
mac %02x-%02x-%02x-%02x-%02x-%02x, mac[0], mac[1], mac[2], mac[3], mac[4], mac[5]	DEBUG	FAST PATH Breaks on MTU %d %d %d,bufMgrLen(pBufMgr),mtu,dst_ mtu(pDst->path)	CRITICAL

mac 00-00-00-00-00-00	DEBUG	FAST PATH Breaks on MAX PACKET %d %d,bufMgrLen(pBufMgr),IP_MAX_ PACKET	CRITICAL
%02x, hk->kv_mic[i]	DEBUG	SAV CHECK FAILED IN ENCRYPTION	CRITICAL
txmic	DEBUG	Match Found proto %d spi %d,pPktInfo->proto,pFlowEntry->pre. spi	CRITICAL
%02x, hk->kv_txmic[i]	DEBUG	PRE: proto: %u srcip:%u.%u.%u.%u sport :%u dstip: %u.%u.%u.%u dport: %u,	CRITICAL
Cannot support setting tx and rx keys individually	DEBUG	POST: proto: %u srcip:%u.%u.%u.%u sport :%u dstip: %u.%u.%u.%u dport: %u,	CRITICAL
bogus frame type 0x%x (%s),	DEBUG	Clearing the ISR %p,p	CRITICAL
ERROR: ieee80211_encap ret NULL	DEBUG	PROTO:%d %u.%u.%u.%u--- >%u.%u.%u.%u,	CRITICAL
ERROR: ath_amsdu_attach not called	DEBUG	ESP-DONE: %p %p,sav,m	CRITICAL
%s: no memory for cwm attach, __func__	DEBUG	ESP-BAD: %p %p,sav,m	CRITICAL
%s: error - acw NULL. Possible attach failure, __func__	DEBUG	Bug in ip_route_input_slow().	CRITICAL
%s: unable to abort tx dma, __func__	DEBUG	Bug in ip_route_input_slow().	CRITICAL
%s: no memory for ff attach, __func__	DEBUG	Bug in ip_route_input \	CRITICAL
Failed to initiate PBC based enrolle association	DEBUG	Bug in ip_route_input_slow().	CRITICAL
KERN_EMERG Returing error in INTR registration	DEBUG	AH: Assigning the secure flags for sav :%p,sav	CRITICAL
KERN_EMERG Initialzing Wps module	DEBUG	ESP: Assigning the secure flags for sav :%p skb:%p src:%x dst:%x,sav,skb,ip- >ip_src.s_addr,ip->ip_dst.s_addr	CRITICAL
%s:%d %s, __FILE__, __LINE__, __func__	DEBUG	%s Buffer %d mtu %d path mtu %d header %d trailer %d,__func__,bufM grLen(pBufMgr),mtu,dst_mtu(pDst- >path),pDst->header_len,pDst- >trailer_len	CRITICAL

Appendix E - RJ-45 Pin-outs

Signal	RJ-45 Cable RJ-45 PIN	Adapter DB-9 PIN	Signal
CTS	NC	NC	NC
DTR	NC	NC	NC
TxD	6	3	RxD
GND	5	5	GND
GND	4	5	GND
RxD	3	2	TxD
DSR	NC	NC	NC
RTS	NC	NC	NC

Appendix F - New Wi Fi Frequency table (New appendix section)

	Country		Channel supported in20 Mhz	Channel supported in 40 Mhz	
				Upper side band	Lower side band
1)	Australia	2.4Ghz	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	5, 6, 7, 8, 9, 10, 11, 12, 13	1, 2, 3, 4, 5, 6, 7, 8, 9
		5 Ghz	36, 40, 44, 48, 149, 153, 157, 161, 165	40, 48, 153, 161	36, 44, 149, 157
2)	Russia	2.4Ghz	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	5, 6, 7, 8, 9, 10, 11, 12, 13	1, 2, 3, 4, 5, 6, 7, 8, 9
		5 Ghz	36, 40, 44, 48, 149, 153, 157, 161, 165	40, 48, 153, 161	36, 44, 149, 157
3)	Iceland	2.4Ghz	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	5, 6, 7, 8, 9, 10, 11, 12, 13	1, 2, 3, 4, 5, 6, 7, 8, 9
		5 Ghz	36, 40, 44, 48	40, 48	36,44
4)	Singapore	2.4Ghz	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	5, 6, 7, 8, 9, 10, 11, 12, 13	1, 2, 3, 4, 5, 6, 7, 8, 9
		5 Ghz	36, 40, 44, 48	40, 48	36,44
5)	Sweden	2.4Ghz	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	5, 6, 7, 8, 9, 10, 11, 12, 13	1, 2, 3, 4, 5, 6, 7, 8, 9
		5 Ghz	36, 40, 44, 48	40, 48	36,44
6)	Taiwan	2.4Ghz	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11	5, 6, 7, 8, 9, 10, 11	1, 2, 3, 4, 5, 6, 7
		5 Ghz	56, 60, 64, 149, 153, 157, 161, 165	64, 153, 161	60, 149, 157
7)	Finland	2.4Ghz	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	5, 6, 7, 8, 9, 10, 11, 12, 13	1, 2, 3, 4, 5, 6, 7, 8, 9
		5 Ghz	36, 40, 44, 48	40, 48	36,44
8)	Slovenia	2.4Ghz	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	5, 6, 7, 8, 9, 10, 11, 12, 13	1, 2, 3, 4, 5, 6, 7, 8, 9
		5 Ghz	36, 40, 44, 48	40, 48	36,44
9)	Ireland	2.4Ghz	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	5, 6, 7, 8, 9, 10, 11, 12, 13	1, 2, 3, 4, 5, 6, 7, 8, 9
		5 Ghz	36, 40, 44, 48	40, 48	36,44
10)	United states	2.4Ghz	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11	5, 6, 7, 8, 9, 10, 11	1, 2, 3, 4, 5, 6, 7
		5 Ghz	36, 40, 44, 48, 149, 153, 157, 161, 165	40, 48, 153, 161	36, 44, 149, 157

11)	Latin America	2.4Ghz	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	5, 6, 7, 8, 9, 10, 11, 12, 13	1, 2, 3, 4, 5, 6, 7, 8, 9
		5 Ghz	36, 40, 44, 48, 149, 153, 157, 161, 165	40, 48, 153, 161	36, 44, 149, 157
12)	Denmark	2.4Ghz	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	5, 6, 7, 8, 9, 10, 11, 12, 13	1, 2, 3, 4, 5, 6, 7, 8, 9
		5 Ghz	36, 40, 44, 48	40, 48	36,44
13)	Germany	2.4Ghz	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	5, 6, 7, 8, 9, 10, 11, 12, 13	1, 2, 3, 4, 5, 6, 7, 8, 9
		5 Ghz	36, 40, 44, 48	40, 48	36,44
14)	Netherlands	2.4Ghz	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	5, 6, 7, 8, 9, 10, 11, 12, 13	1, 2, 3, 4, 5, 6, 7, 8, 9
		5 Ghz	36, 40, 44, 48	40, 48	36,44
15)	Norway	2.4Ghz	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	5, 6, 7, 8, 9, 10, 11, 12, 13	1, 2, 3, 4, 5, 6, 7, 8, 9
		5 Ghz	36, 40, 44, 48	40, 48	36, 44
16)	Poland	2.4Ghz	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	5, 6, 7, 8, 9, 10, 11, 12, 13	1, 2, 3, 4, 5, 6, 7, 8, 9
		5 Ghz	36, 40, 44, 48	40, 48	36,44
17)	Luxembourg	2.4Ghz	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	5, 6, 7, 8, 9, 10, 11, 12, 13	1, 2, 3, 4, 5, 6, 7, 8, 9
		5 Ghz	36, 40, 44, 48	40, 48	36,44
18)	South Africa	2.4Ghz	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	5, 6, 7, 8, 9, 10, 11, 12, 13	1, 2, 3, 4, 5, 6, 7, 8, 9
		5 Ghz	36, 40, 44, 48	40, 48	36,44
19)	United Kingdom	2.4Ghz	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	5, 6, 7, 8, 9, 10, 11, 12, 13	1, 2, 3, 4, 5, 6, 7, 8, 9
		5 Ghz	36, 40, 44, 48	40, 48	36,44
20)	Ireland	2.4Ghz	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	5, 6, 7, 8, 9, 10, 11, 12, 13	1, 2, 3, 4, 5, 6, 7, 8, 9
		5 Ghz	36, 40, 44, 48	40, 48	36,44
21)	France	2.4Ghz	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	5, 6, 7, 8, 9, 10, 11, 12, 13	1, 2, 3, 4, 5, 6, 7, 8, 9
		5 Ghz	36, 40, 44, 48	40, 48	36,44
22)	Israel	2.4Ghz	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	5, 6, 7, 8, 9, 10, 11, 12, 13	1, 2, 3, 4, 5, 6, 7, 8, 9
		5 Ghz	36, 40, 44, 48	40, 48	36,44
23)	Korea	2.4Ghz	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	5, 6, 7, 8, 9, 10, 11, 12, 13	1, 2, 3, 4, 5, 6, 7, 8, 9
		5 Ghz	36, 40, 44, 48, 149, 153, 157, 161	40, 48, 153, 161	36, 44, 149, 157
24)	Japan	2.4Ghz	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	5, 6, 7, 8, 9, 10, 11, 12, 13	1, 2, 3, 4, 5, 6, 7, 8, 9
		5 Ghz	36, 40, 44, 48	40, 48	36,44
25)	Egypt	2.4Ghz	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	5, 6, 7, 8, 9, 10, 11, 12, 13	1, 2, 3, 4, 5, 6, 7, 8, 9
		5 Ghz	36, 40, 44, 48, 52, 56, 60, 64	40, 48, 56, 64	36, 44, 52, 60
26)	Brazil	2.4Ghz	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11,12,13	5, 6, 7, 8, 9, 10, 11,12,13	1, 2, 3, 4, 5, 6, 7,8,9

		5 Ghz	**36, 40, 44, 48, 149, 153, 157, 161, 165**	**40, 48, 153, 161**	**36, 44, 149, 157**
27)	**Canada**	**2.4Ghz**	**1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11**	**5, 6, 7, 8, 9, 10, 11**	**1, 2, 3, 4, 5, 6, 7**
		5 Ghz	**36, 40, 44, 48, 149, 153, 157, 161, 165**	**40, 48, 153, 161**	**36, 44, 149, 157**
28)	**China**	**2.4Ghz**	**1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13**	**5, 6, 7, 8, 9, 10, 11, 12, 13**	**1, 2, 3, 4, 5, 6, 7, 8, 9**
		5 Ghz	**36, 40, 44, 48, 149, 153, 157, 161, 165**	**40, 48, 153, 161**	**36, 44, 149, 157**

Appendix G - Product Statement

1. DSR-1000N

Federal Communications Commission (FCC) Compliance Notice: Radio Frequency Notice
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement
This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1) This device may not cause harmful interference, and
2) This device must accept any interference received, including interference that may cause undesired operation.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The antennas used for this transmitter must be installed to provide a spectrum distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

This transmitter is restricted to indoor use in the 5150MHz to 5250MHz frequency range.

Non-modification Statement
Use only the integral antenna supplied by the manufacturer when operating this device. Unauthorized antennas, modifications, or attachments could damage the TI Navigator access point and violate FCC regulations. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Canadian Department of Communications Industry Canada (IC) Notice
CAN ICES-3(B)/NMB-3(B)

Industry Canada Statement

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:
(1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

IMPORTANT NOTE: Radiation Exposure Statement
This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. To maintain compliance with IC RF exposure compliance requirements, please follow operation instruction as documented in this manual.

This transmitter is restricted to indoor use in the 5150MHz to 5250MHz frequency range.

Europe – EU Declaration of Conformity

This device complies with the essential requirements of the R&TTE Directive 1999/5/EC. The following test methods have been applied in order to prove presumption of conformity with the essential requirements
of the R&TTE Directive 1999/5/EC:

- EN 60950-1: 2006+A11:2009
Safety of information technology equipment

- EN 300 328 V1.7.1 (2006-10)
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive

- EN 301 893-1 V1.5.1 (2008-12)
Broadband Radio Access Networks (BRAN); 5 GHz high performance RLAN; Harmonized EN covering essential requirements of article 3.2 of the R&TTE Directive

- EN 301 489-17 V1.3.2 (2008-04) and EN 301 489-1 V1.8.1 (2008-04)
Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for 2,4 GHz wideband transmission systems and 5 GHz high performance RLAN equipment

This device is a 2.4 GHz wideband transmission system (transceiver), intended for use in all EU member states and EFTA countries under the following conditions and/or with the following restrictions:

- In Italy the end-user should apply for a license at the national spectrum authorities in order to obtain authorization to use the device for setting up outdoor radio links and/or for supplying public access to telecommunications and/or network services.

- This device may not be used for setting up outdoor radio links in France and in some areas the RF output power may be limited to 10 mW EIRP in the frequency range of 2454 – 2483.5 MHz. For detailed information the enduser should contact the national spectrum authority in France.

This device is a 5 GHz wideband transmission system (transceiver), intended for use in all EU member states and EFTA countries under the following conditions and/or with the following restrictions:

- This device may only be used indoors in the frequency bands 5150 – 5250 MHz.

- In France and Luxembourg a limited implementation of the frequency bands 5150 – 5250 MHz and 5250 – 5350 MHz. In Luxermbourg it is not allowed to make use of the frequency band 5470 – 5725 MHz. End-users are encouraged to contact the national spectrum authorities in France and Luxembourg in order to obtain the latest information about any restrictions in the 5 GHz frequency band(s).

CE 0560 !

cs Česky [Czech]	[D-Link Corporation] tímto prohlašuje, že tento [DSR-1000N] je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
da Dansk [Danish]	Undertegnede [D-Link Corporation] erklærer herved, at følgende udstyr [DSR-1000N] overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
de Deutsch [German]	Hiermit erklärt [D-Link Corporation], dass sich das Gerät [DSR-1000N] in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
et Eesti [Estonian]	Käesolevaga kinnitab [D-Link Corporation] seadme [DSR-1000N] vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
en English	Hereby, [D-Link Corporation], declares that this [DSR-1000N] is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
es Español [Spanish]	Por medio de la presente [D-Link Corporation] declara que el [DSR-1000N] cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
el Ελληνική [Greek]	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ [D-Link Corporation] ΔΗΛΩΝΕΙ ΟΤΙ [DSR-1000N] ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.
fr Français [French]	Par la présente [D-Link Corporation] déclare que l'appareil [DSR-1000N] est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
it Italiano [Italian]	Con la presente [D-Link Corporation] dichiara che questo [DSR-1000N] è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
lv Latviski [Latvian]	Ar šo [D-Link Corporation] deklarē, ka [DSR-1000N] atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
lt Lietuvių [Lithuanian]	Šiuo [D-Link Corporation] deklaruoja, kad šis [DSR-1000N] atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
nl Nederlands [Dutch]	Hierbij verklaart [D-Link Corporation] dat het toestel [DSR-1000N] in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
mt Malti [Maltese]	Hawnhekk, [D-Link Corporation], jiddikjara li dan [DSR-1000N] jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
hu Magyar [Hungarian]	Alulírott, [D-Link Corporation] nyilatkozom, hogy a [DSR-1000N] megfelel a vonatkozó alapvetõ követelményeknek és az 1999/5/EC irányelv egyéb elõírásainak.
pl Polski [Polish]	Niniejszym [D-Link Corporation] oświadcza, że [DSR-1000N] jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.

pt Português [Portuguese]	[D-Link Corporation] declara que este [DSR-1000N]está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
sl Slovensko [Slovenian]	[D-Link Corporation] izjavlja, da je ta [DSR-1000N] v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
sk Slovensky [Slovak]	[D-Link Corporation] týmto vyhlasuje, že [DSR-1000N] spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
fi Suomi [Finnish]	[D-Link Corporation] vakuuttaa täten että [DSR-1000N] tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
sv Svenska [Swedish]	Härmed intygar [D-Link Corporation] att denna [DSR-1000N] står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.

2.DSR-500N

Federal Communications Commission (FCC) Compliance Notice: Radio Frequency Notice

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1) This device may not cause harmful interference, and
2) This device must accept any interference received, including interference that may cause undesired operation.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The antennas used for this transmitter must be installed to provide a spectrum distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

This transmitter is restricted to indoor use in the 5150MHz to 5250MHz frequency range.

Non-modification Statement

Use only the integral antenna supplied by the manufacturer when operating this device. Unauthorized antennas, modifications, or attachments could damage the TI Navigator access point and violate FCC regulations. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Canadian Department of Communications Industry Canada (IC) Notice

This Class B digital apparatus complies with Canadian ICES-003 and RSS-210. Cet appareil numérique de la classe B est conforme à la norme NMB-003 et CNR-210 du Canada.

Industry Canada Statement

This device complies with RSS-210 of the Industry Canada Rules. Operation is subject to the following two conditions:

1) This device may not cause harmful interference, and
2) This device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT NOTE: Radiation Exposure Statement

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment.
End users must follow the specific operating instructions for satisfying RF exposure compliance.
To maintain compliance with IC RF exposure compliance requirements, please follow operation instruction as documented in this manual.

Europe – EU Declaration of Conformity

This device complies with the essential requirements of the R&TTE Directive 1999/5/EC. The following test methods have been applied in order to prove presumption of conformity with the essential requirements
of the R&TTE Directive 1999/5/EC:

- EN 60950-1: 2006+A11:2009
  Safety of information technology equipment

- EN 300 328 V1.7.1 (2006-10)
  Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive

- EN 301 489-17 V1.3.2 (2008-04) and EN 301 489-1 V1.8.1 (2008-04)
  Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for 2,4 GHz wideband transmission systems and 5 GHz high performance RLAN equipment

This device is a 2.4 GHz wideband transmission system (transceiver), intended for use in all EU member states and EFTA countries under the following conditions and/or with the following restrictions:

- In Italy the end-user should apply for a license at the national spectrum authorities in order to obtain authorization to use the device for setting up outdoor radio links and/or for supplying public access to telecommunications and/or network services.

- This device may not be used for setting up outdoor radio links in France and in some areas the RF output power may be limited to 10 mW EIRP in the frequency range of 2454 – 2483.5 MHz. For detailed information the enduser should contact the national spectrum authority in France.

CE0560!

cs Česky [Czech]	[D-Link Corporation] tímto prohlašuje, že tento [DSR-500N] je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
da Dansk [Danish]	Undertegnede [D-Link Corporation] erklærer herved, at følgende udstyr [DSR-500N] overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
de Deutsch [German]	Hiermit erklärt [D-Link Corporation], dass sich das Gerät [DSR-500N] in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
et Eesti [Estonian]	Käesolevaga kinnitab [D-Link Corporation] seadme [DSR-500N] vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
en English	Hereby, [D-Link Corporation], declares that this [DSR-500N] is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
es Español [Spanish]	Por medio de la presente [D-Link Corporation] declara que el [DSR-500N] cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
el Ελληνική [Greek]	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ [D-Link Corporation] ΔΗΛΩΝΕΙ ΟΤΙ [DSR-500N] ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.
fr Français [French]	Par la présente [D-Link Corporation] déclare que l'appareil [DSR-500N] est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
it Italiano [Italian]	Con la presente [D-Link Corporation] dichiara che questo [DSR-500N] è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
lv Latviski [Latvian]	Ar šo [D-Link Corporation] deklarē, ka [DSR-500N] atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
lt Lietuvių [Lithuanian]	Šiuo [D-Link Corporation] deklaruoja, kad šis [DSR-500N] atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
nl Nederlands [Dutch]	Hierbij verklaart [D-Link Corporation] dat het toestel [DSR-500N] in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
mt Malti [Maltese]	Hawnhekk, [D-Link Corporation], jiddikjara li dan [DSR-500N] jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
hu Magyar [Hungarian]	Alulírott, [D-Link Corporation] nyilatkozom, hogy a [DSR-500N] megfelel a vonatkozó alapvetõ követelményeknek és az 1999/5/EC irányelv egyéb elõírásainak.
pl Polski [Polish]	Niniejszym [D-Link Corporation] oświadcza, że [DSR-500N] jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.

pt Português [Portuguese]	[D-Link Corporation] declara que este [DSR-500N]está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
sl Slovensko [Slovenian]	[D-Link Corporation] izjavlja, da je ta [DSR-500N] v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
sk Slovensky [Slovak]	[D-Link Corporation] týmto vyhlasuje, že [DSR-500N] spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
fi Suomi [Finnish]	[D-Link Corporation] vakuuttaa täten että [DSR-500N] tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
sv Svenska [Swedish]	Härmed intygar [D-Link Corporation] att denna [DSR-500N] står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.

3.DSR-250N/DSR-250NB1

Federal Communication Commission Interference Statement
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution:
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RSS-GEN 7.1.4:
User Manual for Transmitters with Detachable Antennas

The user manual of transmitter devices equipped with detachable antennas shall contain the following information in a conspicuous location:
This device has been designed to operate with the antennas listed below, and having a maximum gain of [1.8] dB. Antennas not included in this list or having a gain greater than [1.8] dB are strictly prohibited for use with this device. The required antenna impedance is [50] ohms.

RSS-GEN 7.1.5
To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication.
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en comSpromettre le fonctionnement.

CE 0984 ⓘ

Is herewith confirmed to comply with the requirements set out in the Council Directive on the Approximation of the Laws of the Member States relating to Electromagnetic Compatibility (2004/108/

EC), Low-voltage Directive (2006/95/EC), the procedures given in European Council Directive 99/5/EC and 2004/104/EC.

The equipment was passed. The test was performed according to the following European standards:
EN 300 328 V.1.7.1
EN 301 489-1 V.1. 8.1 / EN 301 489-17 V.2.1.1
EN 62311
EN 60950-1

Regulatory statement (R&TTE)
European standards dictate maximum radiated transmit power of 100mW EIRP and frequency range 2.400-2.4835GHz; In France, the equipment must be restricted to the 2.4465-2.4835GHz frequency range and must be restricted to indoor use.
Operation of this device is subjected to the following National regulations and may be prohibited to use if certain restriction should be applied.

D=0.020m is the minimum safety distance between the EUT and human body when the E-Field strength is 61V/m.

NCC Warning Statement

Article 12
Without permission, any company, firm or user shall not alter the frequency, increase the power, or change the characteristics and functions of the original design of the certified lower power frequency electric machinery.

Article 14
The application of low power frequency electric machineries shall not affect the navigation safety nor interfere a legal communication, if an interference is found, the service will be suspended until improvement is made and the interference no longer exists.

Canadian Department of Communications Industry Canada (IC) Notice
CAN ICES-3(B)/NMB-3(B)

Industry Canada Statement

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:
(1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Radiation Exposure Statement:
The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Déclaration d'exposition aux radiations:
Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS 102 et la conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.
Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.

This radio transmitter (Model:DSR-250N) has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Le présent émetteur radio (Model:DSR-250N) a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal et l'impédance requise pour chaque type d'antenne. Les types d'antenne non inclus dans cette liste, ou dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	M.gear	SSR-02521	Dipole	R-SMA	2.85
2	M.gear	SSR-02521	Dipole	R-SMA	2.71

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules. This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and consider removing the no-collocation statement.

4. DSR-150N

Federal Communication Commission Interference Statement
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution:
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT NOTE:

FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. The availability of some specific channels and/or operational frequency bands are country dependent and are firmware programmed at the factory to match the intended destination. The firmware setting is not accessible by the end user.

Note: The country code selection is for non-US model only and is not available to all US model. Per FCC regulation, all WiFi product marketed in US must fixed to US operation channels only..

Europe – EU Declaration of Conformity
This device complies with the essential requirements of the R&TTE Directive 1999/5/EC. The following test methods have been applied in order to prove presumption of conformity with the essential requirements of the R&TTE Directive 1999/5/EC:

EN 60950-1:
Safety of Information Technology Equipment

EN50385 : (2002-08)
Product standard to demonstrate the compliance of radio base stations and fixed terminal stations for wireless telecommunication systems with the basic restrictions or the reference levels related to human exposure to radio frequency electromagnetic fields (110MHz - 40 GHz) - General public

EN 300 328 V1.7.1: (2006-10)
Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband Transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using spread spectrum modulation techniques; Harmonized EN covering essential requirements under article 3.2 of the R&TTE Directive

EN 301 489-1 V1.8.1: (2008-04)
Electromagnetic compatibility and Radio Spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements

EN 301 489-17 V2.1.1 (2009-05)
Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems

This device is a 2.4 GHz wideband transmission system (transceiver), intended for use in all EU member states and EFTA countries, except in France and Italy where restrictive use applies.

In Italy the end-user should apply for a license at the national spectrum authorities in order to obtain authorization to use the device for setting up outdoor radio links and/or for supplying public access to telecommunications and/or network services.

This device may not be used for setting up outdoor radio links in France and in some areas the RF output power may be limited to 10 mW EIRP in the frequency range of 2454 – 2483.5 MHz. For detailed information the end-user should contact the national spectrum authority in France.

cs Česky [Czech]	[Jméno výrobce] tímto prohlašuje, že tento [typ zařízení] je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
da Dansk [Danish]	Undertegnede [fabrikantens navn] erklærer herved, at følgende udstyr [udstyrets typebetegnelse] overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
de Deutsch [German]	Hiermit erklärt [Name des Herstellers], dass sich das Gerät [Gerätetyp] in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
et Eesti [Estonian]	Käesolevaga kinnitab [tootja nimi = name of manufacturer] seadme [seadme tüüp = type of equipment] vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
en English	Hereby, [name of manufacturer], declares that this [type of equipment] is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
es Español [Spanish]	Por medio de la presente [nombre del fabricante] declara que el [clase de equipo] cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
el Ελληνική [Greek]	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ [name of manufacturer] ΔΗΛΩΝΕΙ ΟΤΙ [type of equipment] ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.
fr Français [French]	Par la présente [nom du fabricant] déclare que l'appareil [type d'appareil] est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
it Italiano [Italian]	Con la presente [nome del costruttore] dichiara che questo [tipo di apparecchio] è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
lv Latviski [Latvian]	Ar šo [name of manufacturer / izgatavotāja nosaukums] deklarē, ka [type of equipment / iekārtas tips] atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
lt Lietuvių [Lithuanian]	Šiuo [manufacturer name] deklaruoja, kad šis [equipment type] atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
nl Nederlands [Dutch]	Hierbij verklaart [naam van de fabrikant] dat het toestel [type van toestel] in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
mt Malti [Maltese]	Hawnhekk, [isem tal-manifattur], jiddikjara li dan [il-mudel tal-prodott] jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
hu Magyar [Hungarian]	Alulírott, [gyártó neve] nyilatkozom, hogy a [... típus] megfelel a vonatkozó alapvetõ követelményeknek és az 1999/5/EC irányelv egyéb elõírásainak.
pl Polski [Polish]	Niniejszym [nazwa producenta] oświadcza, że [nazwa wyrobu] jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
pt Português [Portuguese]	[Nome do fabricante] declara que este [tipo de equipamento] está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
sl Slovensko [Slovenian]	[Ime proizvajalca] izjavlja, da je ta [tip opreme] v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
sk Slovensky [Slovak]	[Meno výrobcu] týmto vyhlasuje, že [typ zariadenia] spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
fi Suomi [Finnish]	[Valmistaja = manufacturer] vakuuttaa täten että [type of equipment = laitteen tyyppimerkintä] tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
sv Svenska [Swedish]	Härmed intygar [företag] att denna [utrustningstyp] står I överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.

Industry Canada statement:
This device complies with RSS-210 of the Industry Canada Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

Ce dispositif est conforme à la norme CNR-210 d'Industrie Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Radiation Exposure Statement:
The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

Déclaration d'exposition aux radiations:
Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS 102 et la conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.
Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.

Wall-Mount Option

The Router has four wall-mount slots on its bottom panel.

Before you begin, make sure you have two screws that are size #4 - this indicates a diameter measurement of 0.112inches (2.845mm).

1. Determine where you want to mount the Router.
2. Drill two holes into the wall. Make sure adjacent holes are 2.36 inches (60mm) apart.
3. Insert a screw into each hole, and leave 0.2inches (5mm) of its head exposed.
4. Maneuver the Router so the wall-mount slots line up with the two screws.
5. Place the wall-mount slots over the screws and slide the Router down until the screws fit snugly into the wall-mount slots.