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 **Dynalink**

System Log Setup

(NB9)

System Log

The system log provides a way to check for problems or provide more information about your issue when requested by Technical Support.

There are varying levels of information available to be displayed, however, this guide will only take you through the process of enabling "debug" mode. This means the maximum amount of information possible will be displayed.



As this information is cleared when the modem / router / VOIP ATA reboots, we recommend using a "**Syslog Utility**" (for example: [Kiwi Syslog](#)).

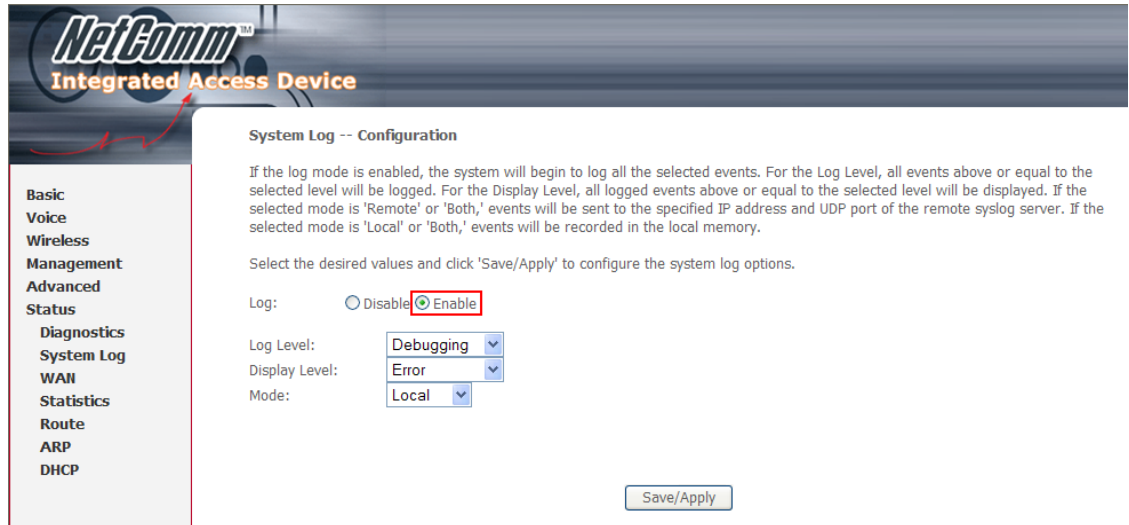
This software is able to receive the log information from the modem and save it. *

* - If supported by your model of modem / router.

System Log

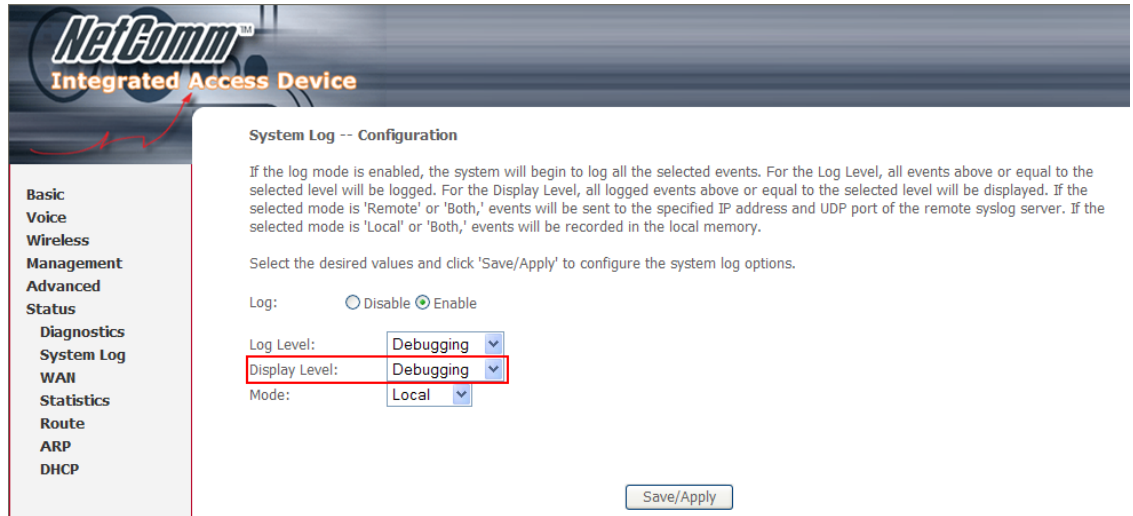
This guide will take you through the steps required to enable your system log.

1. Open your web browser and go to the address <http://192.168.1.1>, using **admin** as the username and password.
2. Click on "**Status**" from the menu on the lefthandside of the page.
3. Click on "**System Log**" from underneath this.
4. Click "**Configure System Log**"
5. Set "**Log**" to "**Enabled**"
6. Click "**Save/Apply**"



The screenshot shows the NetComm Integrated Access Device web interface. The top banner features the NetComm logo and the text "Integrated Access Device". On the left is a navigation menu with categories: Basic, Voice, Wireless, Management, Advanced, Status, Diagnostics, System Log, WAN, Statistics, Route, ARP, and DHCP. The "System Log" option is highlighted. The main content area is titled "System Log -- Configuration". It contains a paragraph explaining that if logging is enabled, events above the selected level will be logged, and the display level determines what is shown. Below this is a "Log:" section with radio buttons for "Disable" and "Enable", where "Enable" is selected. There are also three dropdown menus: "Log Level" set to "Debugging", "Display Level" set to "Error", and "Mode" set to "Local". A "Save/Apply" button is located at the bottom right of the configuration area.

7. Set "**Display Level:**" is set to "**Debugging**" from the pull down menu.



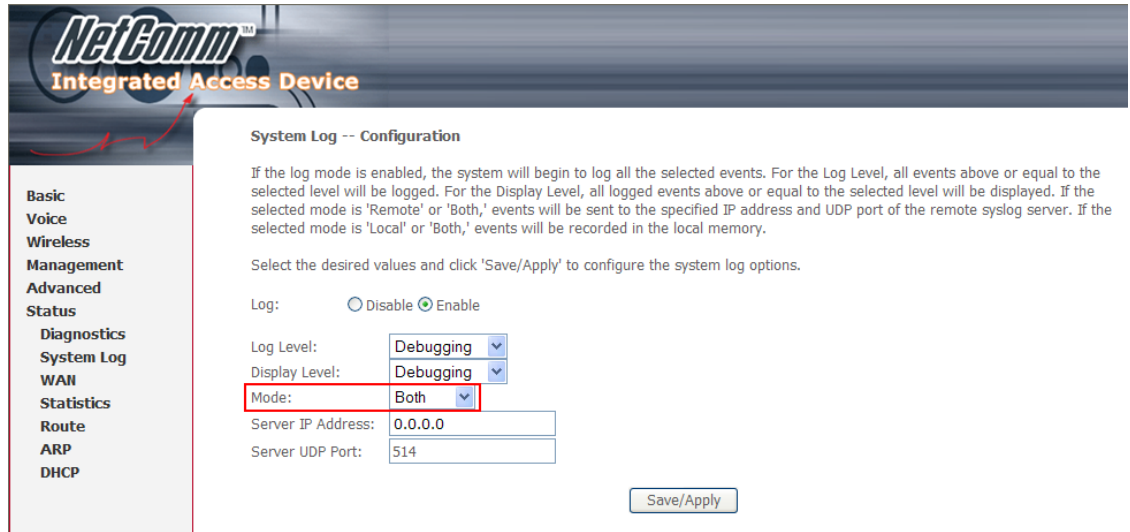
If you do not want to have your logging information sent to another computer, you can now click "**Save/Apply**".

Once the page refreshes, you will then be able to click "**View System Log**" on the previous page and see the current system log information.

To enable remote logging, please continue to the next page.

Enabling Remote System Logging

1. Set "Mode:" to either "Remote" or "Both". (both enables you to also view the system log as per the instructions above)



The screenshot shows the NetComm Integrated Access Device web interface. The left sidebar contains a navigation menu with the following items: Basic, Voice, Wireless, Management, Advanced, Status, Diagnostics, System Log, WAN, Statistics, Route, ARP, and DHCP. The 'System Log' item is highlighted. The main content area is titled 'System Log -- Configuration'. It contains a paragraph explaining the logging process, followed by instructions to select values and click 'Save/Apply'. The configuration fields are: 'Log' with radio buttons for 'Disable' and 'Enable' (selected); 'Log Level' with a dropdown menu set to 'Debugging'; 'Display Level' with a dropdown menu set to 'Debugging'; 'Mode' with a dropdown menu set to 'Both' (highlighted with a red box); 'Server IP Address' with a text input field containing '0.0.0.0'; and 'Server UDP Port' with a text input field containing '514'. A 'Save/Apply' button is located at the bottom right of the configuration area.

NetComm™
Integrated Access Device

System Log -- Configuration

If the log mode is enabled, the system will begin to log all the selected events. For the Log Level, all events above or equal to the selected level will be logged. For the Display Level, all logged events above or equal to the selected level will be displayed. If the selected mode is 'Remote' or 'Both,' events will be sent to the specified IP address and UDP port of the remote syslog server. If the selected mode is 'Local' or 'Both,' events will be recorded in the local memory.

Select the desired values and click 'Save/Apply' to configure the system log options.

Log: Disable Enable

Log Level:

Display Level:

Mode:

Server IP Address:

Server UDP Port:

2. Enter the IP address of the computer you are running your Syslog Utility software on. You cannot leave this field set to the default of 0.0.0.0.

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System Log -- Configuration

If the log mode is enabled, the system will begin to log all the selected events. For the Log Level, all events above or equal to the selected level will be logged. For the Display Level, all logged events above or equal to the selected level will be displayed. If the selected mode is 'Remote' or 'Both,' events will be sent to the specified IP address and UDP port of the remote syslog server. If the selected mode is 'Local' or 'Both,' events will be recorded in the local memory.

Select the desired values and click 'Save/Apply' to configure the system log options.

Log: Disable Enable

Log Level:

Display Level:

Mode:

Server IP Address:

Server UDP Port:

3. Click **“Save/Apply”**.

Your Syslog Utility software should now be able receive logging information from your modem / router / VOIP ATA.

For assistance with configuring the Syslog Utility software, please contact the software manufacturers.