

# Log Relay Host on AP541N Access Point

## Objective

The kernel log is a comprehensive list of system events(as in system logs) and the kernel messages such as error conditions, like dropping frames. This log cannot be viewed using the configuration utility for an Access Point(AP). A remote server must be setup which runs syslog process on it and should act as relay host on the APs network. It is then possible to configure the AP to send the syslog files directly to the remote server. A remote server syslog provides the following features:

- Allows aggregation of syslog messages from multiple APs.
- Stores a longer history of messages than when stored in a single AP.
- Triggers alerts and scripted management operations.

This article explains about how to enable/disable the log relay host on AP541N Dual Band Single Radio Access Point.

**Note:** Enabling the log files generate a huge volume of data and also can wear out the flash (non-volatile) memory. It is recommended to enable for debugging purposes only.

## Applicable Devices

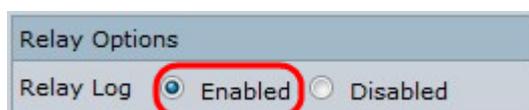
- AP541N Dual-band Single-radio Access Point

## Enabling/Disabling the log relay host on AP541N

Step 1. Using the Access Point Configuration Utility of AP541N, choose **Administration > Event Logs** which opens the Event Logs page.



Step 2. Under the "Relay Options" configure the fields as described below.

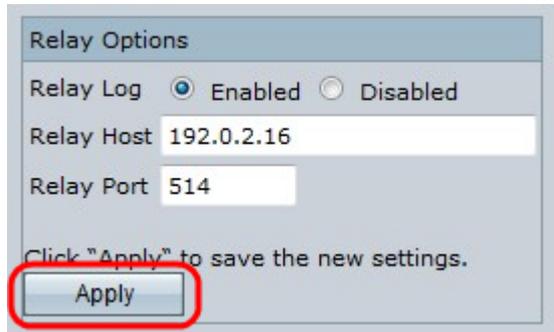


Step 3. For the Relay log field, click either **Enabled** or **Disabled** in order to enable or disable the log relay host.

Step 4. In the Relay Host field, enter the IP address or the DNS name of the remote server

where the syslogs are sent.

Step 5. In the Relay Port field, Enter the port number for the syslog process on the relay host. The default port number is 514 and this value is highly recommended. However, if the port number needs to be changed, it is necessary to make sure that the new port number is not being used by any other process.



Relay Options

Relay Log  Enabled  Disabled

Relay Host 192.0.2.16

Relay Port 514

Click "Apply" to save the new settings.

Apply

Step 6. Click **Apply** to save the settings. Changing some settings might cause the AP to stop and reboot which leads to the temporary loss in connectivity to the wireless clients. It is recommended to change the AP's settings when the traffic is low.

**Note:** By enabling the relay log, the AP will send its kernel messages real-time for the display to the remote log server monitor, a specified log file, or other storage depending on how the Log Relay host is configured.