

EtherScope[®] v2.4 Release Notes

November 7, 2023

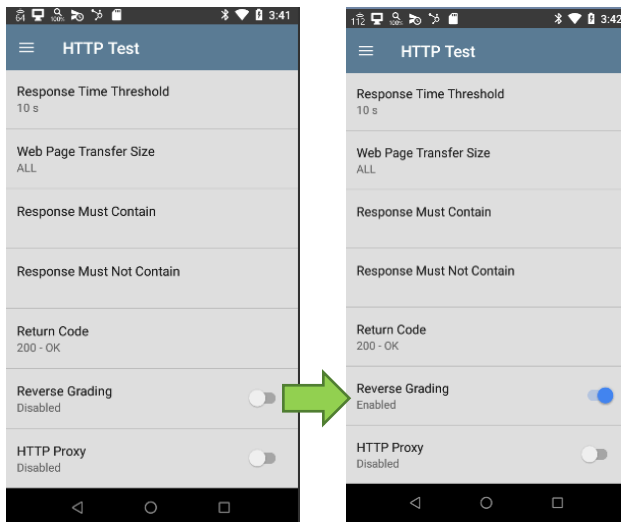
These EtherScope Release Notes briefly describe the new features and enhancements included in the release.

[See software upgrade Instructions at the end of this document](#)

Version 2.4 New Features

Reverse grading in the AutoTest app

- Interpreting tests is now much more intuitive. The default remains a successful test is a “Pass” (green), while a test failure is a “Fail” (red). However, there is now an option to switch this, for a test failure to be interpreted as a “Pass” (green), while a test pass represents a “Fail” (red). When Reverse Grading is enabled, a test is considered successful if it fails and a failure if it succeeds. An example would be an attempt to ping the gateway from the guest network. A properly configured network should not allow this, so an attempt to ping the gateway that resulted in failure should be interpreted as a “Pass”.

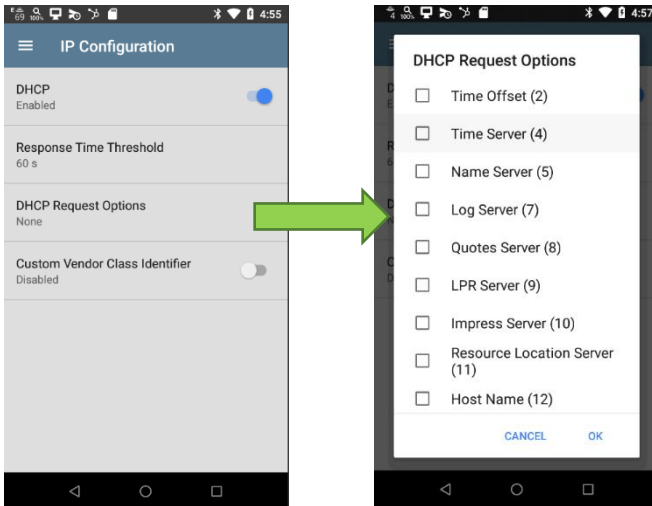


Passpoint beacon parsing in the Wi-Fi app

- More detailed analysis is now performed on beacon frames from Passpoint, also known as Hotspot2.0, access points to quantify additional attributes. Beacon frames are a rich source of information on the status of the AP and the devices connected to it. With this release, Passpoint information is captured and readily available within the Wi-Fi app and Link-Live Wi-Fi analysis files.

DHCP Request Options in AutoTest app

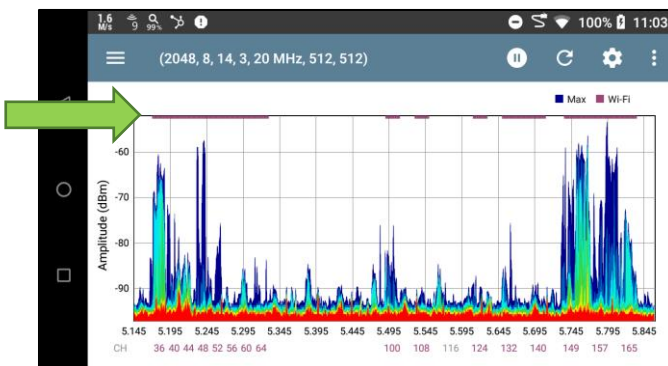
- The ability to validate DHCP Request Options is now available in the AutoTest app, making the process of validating DHCP server configuration fast and simple. To access this new functionality, within the IP Configuration option, tap “DHCP Request Options”.



- In addition to providing the IP address, the DHCP protocol can set many options that are very useful for device configuration. DHCP Request Options are an effective way to configure network clients during the early phase of network access deployment or when new devices are added.

Spectrum app improvements

While using a spectrum analyzer, non-802.11 interferers or very “noisy” RF environments can obscure valid Wi-Fi signals. So, to help improve visibility in these cases the Spectrum app now highlights where there is legitimate Wi-Fi traffic (as opposed to just noise). Within the Spectrum app graph, frequencies on which Wi-Fi APs are transmitting will be highlighted along the top of the image via an easy-to-interpret red hash. This makes focusing on relevant Wi-Fi frequencies easier.



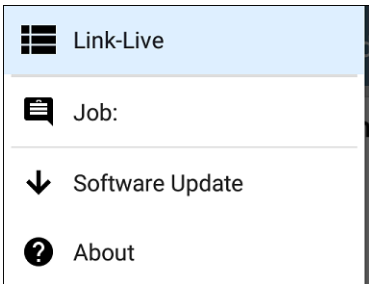
Other changes in version 2.4:

- **Auto Push Connection Logs** – In the past, connection test logs had to be manually uploaded to Link-Live. You will now have the option to automatically push Connection Logs to Link-Live after every test. This simplifies workflow processes and automation initiatives.
- **Discovery Percentage Improvements** - A more detailed Discovery percentage measurement is now available when progress is above 90% in the top status bar. This helps improve user experience by more accurately reporting Discovery execution.
- **High Temp Notification** – To help protect your investment, you will now be notified if the internal temperature of the unit is too high. The unit will also shut down automatically to help prevent damage to the hardware.
- **Signal Adjustment Offset** – Information about Signal Adjustment Offsets used while using the AirMapper or Wi-Fi apps will now be uploaded to Link-Live.
- **Increased Roaming Threshold** – The upper limit of the roaming threshold in the AutoTest app has been increased to -40 dBm.
- **AP Name Parsing** – This release adds support for AP names as transmitted on the Beacon frames for Arista and Mojo Networks.
- **IPv6 Support** – The use of IPv6 is now supported.
- **New Language Support** – Support for German and Korean languages is now available.

Upgrading to Version 2.4

If you have claimed your unit to Link-Live.com, we highly recommend following the Over the Air (OTA) Firmware Update procedure:

1. To check for available software updates at any time, open the Link-Live App from the Home screen.
2. In the Link-Live App, touch the menu icon or swipe right to open the left-side Navigation Drawer.



3. Touch **Software Update**. The Software Update screen opens and displays the version number of any available updates.
4. Touch **Download + Install** to update the System.
5. When finished, the unit will restart.

Thank you for your investment in NetAlly products!

This software update is a key benefit of your AllyCare™ Premium Support Services contract. For more information about AllyCare benefits, see [AllyCare Support · Customer Self-Service \(netally.com\)](https://netally.com/customer-self-service)