

AllyWare™ v2.6 Release Notes

August 15, 2024

NetAlly's network testers and analyzers are built on our AllyWare common technology platform. These AllyWare Release Notes briefly describe the new features and enhancements included in the release. **Please note, certain features and enhancements apply to the specified products only.**

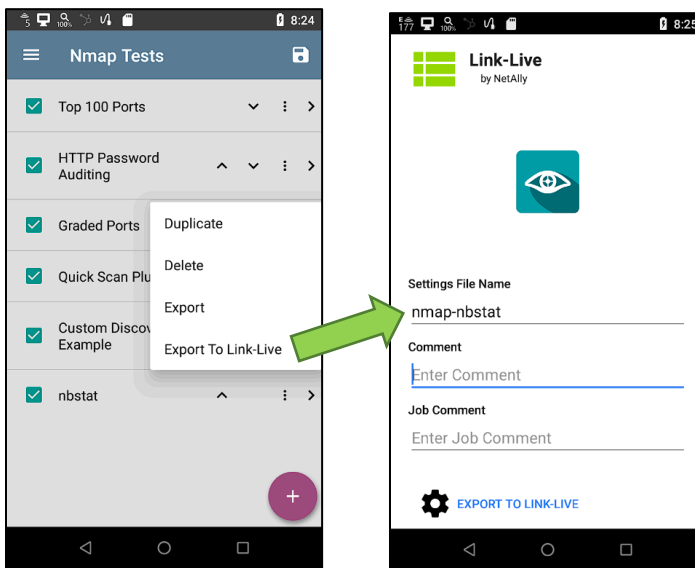
[See software upgrade Instructions at the end of this document](#)

Version 2.6 New Features & Enhancements

Nmap App Improvements

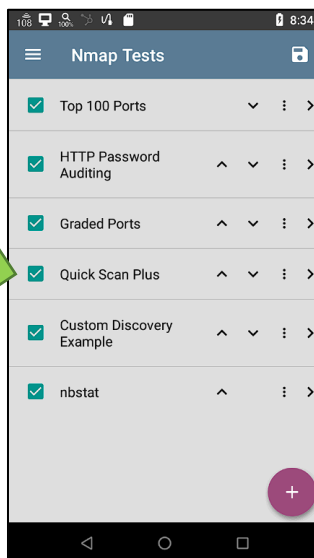
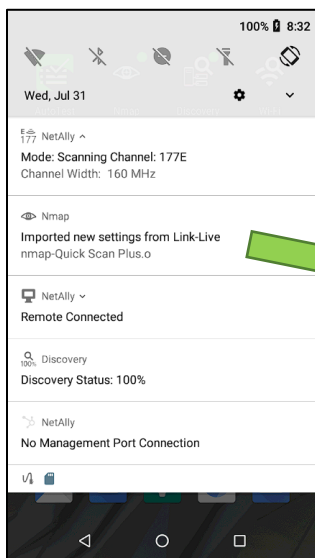
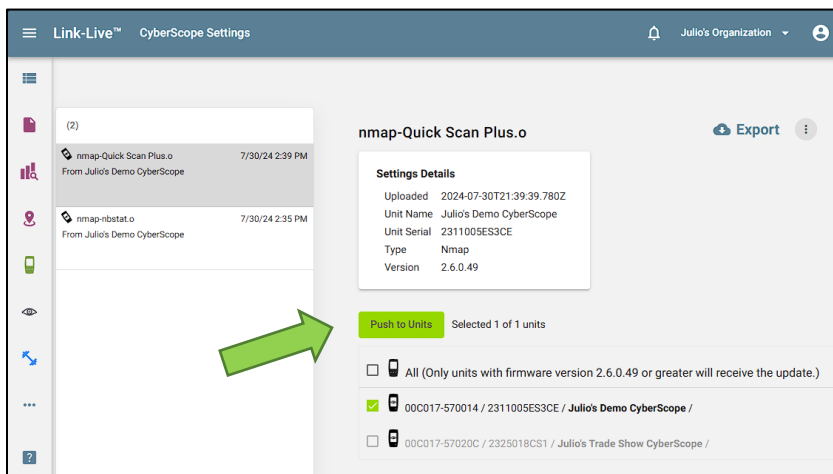
(Applies to CyberScope, CyberScope Air, CyberScope XRF)

- Sharing Nmap tests that you have created with other CyberScope units will now be easier than before. After creating an Nmap test you will now be given the option to:
 - **Export** – Save individual Nmap tests you have created into your unit's internal memory and then transfer them to other units via USB or using your preferred file transfer app.
 - **Export to Link-Live** – Upload a copy of individual Nmap tests you have created to Link-Live so they can be easily shared to other CyberScope units.



- In addition to manually importing individual Nmap tests, you will now be able to automatically push Nmap tests that have been uploaded to Link-Live to your CyberScope instrument(s). To do this:
 - Login to your Link-Live account.
 - Go to the CyberScope Settings screen.

- Select the Nmap test you want to share.
- Select the units you want to share the Nmap test with.
- Use the Push to Units option.
- A pop-up message will show up on the CyberScope units to which the Nmap tests were sent, indicating that new setting has been imported.
- Go to the Nmap app and start testing!



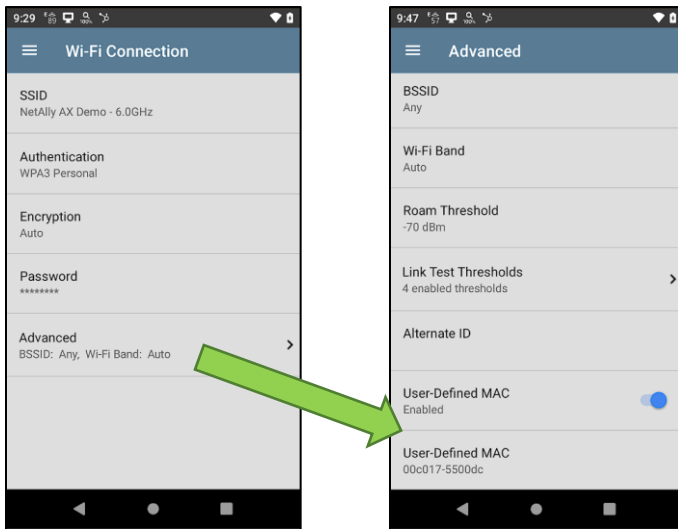
Note: Sharing Nmap tests with other CyberScope models via Link-Live is not yet available. Until then, you can use the export procedure to manually share your Nmap tests with team members using a different CyberScope model (CyberScope, CyberScope Air, or CyberScope XRF) via USB or your preferred file sharing app.

- You will now be able to use the latest Nmap scripts with CyberScope. The version of Nmap used by your favorite cyber security scanner has been updated to v7.95.

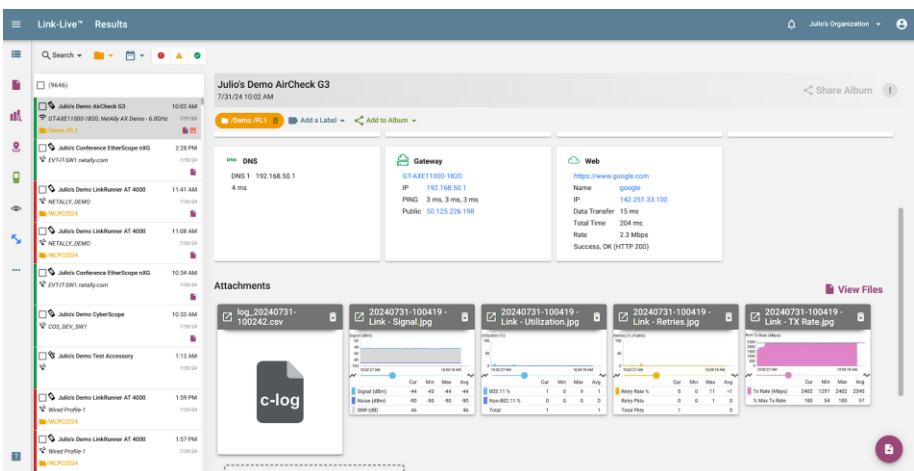
Wi-Fi AutoTest Improvements

(Applies to AirCheck G3, EtherScope nXG, CyberScope, CyberScope Air)

- Starting with this release, testing Wi-Fi connectivity on networks that use MAC address filtering will be quick and simple. You will now have the option to configure user-defined MAC addresses for each Wi-Fi connectivity test profile. Here is how it works:
 - Select the Wi-Fi test profile for which you want to configure a user-defined MAC address.
 - Go to the Wi-Fi AutoTest settings.
 - Tap on the Wi-Fi Connection option.
 - Select the Advanced option.
 - Enable the User-Defined MAC option and enter the MAC address you want to use with the selected Wi-Fi AutoTest profile.



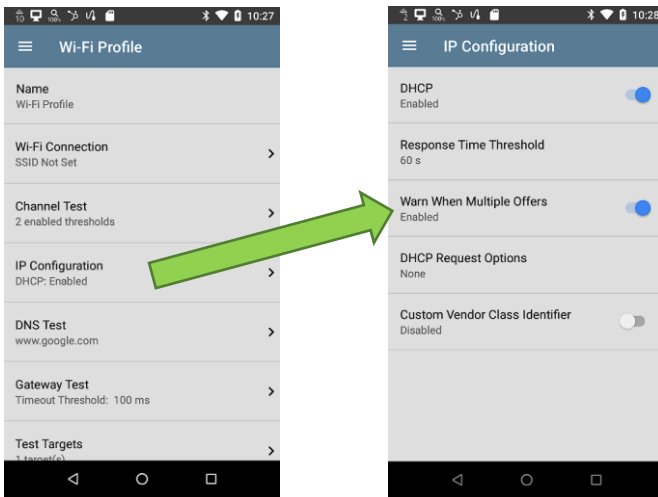
- Analyzing Wi-Fi AutoTest results and generating reports that contain valuable information will now be easier. Starting with this release you will be able to upload individual graphs or charts generated with an Air Quality or Wi-Fi Connectivity AutoTest to Link-Live.



Multiple DHCP Offers Warning

(Applies to all AllyWare-Equipped Products)

- You will now have more visibility into connectivity performance problems and rogue DHCP servers. The AutoTest app will now warn you when multiple DHCP offers are received while performing a wired or wireless test. To enable this option:
 - Select the wired or wireless test profile for which you want to enable the warning.
 - Go to the profile settings.
 - Tap on the IP Configuration option.
 - Enable the Warn When Multiple Offers option.



Wi-Fi App Improvements

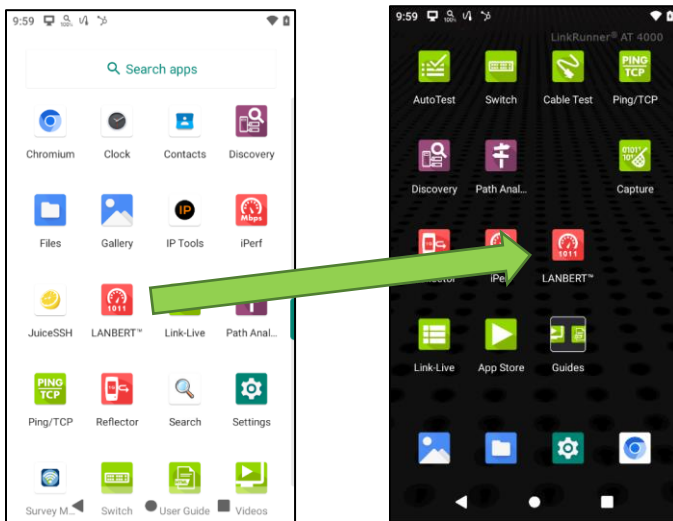
(Applies to AirCheck G3, EtherScope nXG, CyberScope, CyberScope Air)

- Using 802.11k (Neighbor Reports), 802.11v (BSS Transition Management Frames), or 802.11r (Fast BSS Transition) on your network can help to greatly improve Wi-Fi roaming performance. To quickly verify if these options have been enabled for all APs, use the Wi-Fi app on your tester. The Wi-Fi app will display if 802.11k, 802.11v, and 802.11r have been enabled on a specific BSSID.



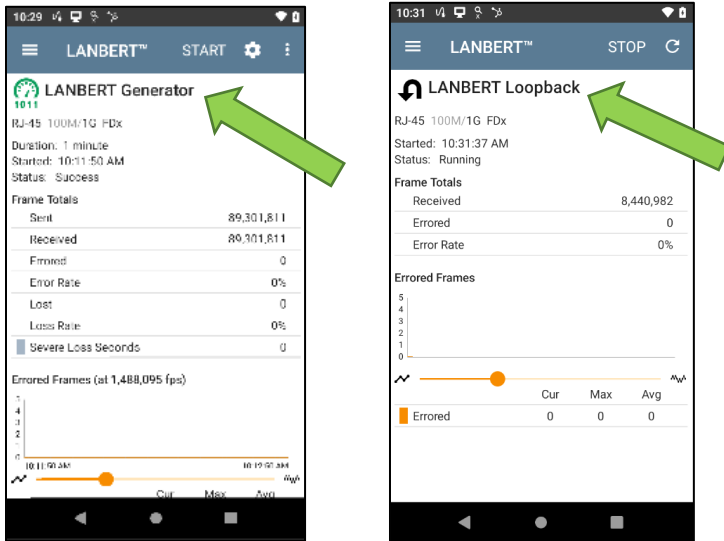
New 1G LANBERT™ Media Qualification App (Applies to LinkRunner AT 3000, LinkRunner AT 4000)

- Your copper and fiber cable plant serves as the foundation of your network. But do you know whether it is of sufficient quality to provide the bandwidth required? The new 1G LANBERT media qualification app for NetAlly's LinkRunner AT 3000 and LinkRunner AT 4000 provides a simple and fast method of assessing the quality of transmission and available bandwidth. LANBERT generates and measures the transmission of line rate Ethernet frames over your network cabling infrastructure, qualifying its ability to support 1G on fiber and 10/100M/1G on copper links. With the new 1G LANBERT media qualification app you will be able to:
 - Maximize utilization of your existing cable plant
 - Qualify copper cable bandwidth for 10/100M/1G
 - Validate 1G fiber optic cabling and components
 - Identify maximum error-free throughput
- Running the LANBERT test over a long duration (up to 24 hours) serves as a "soak test" to identify the presence of intermittent issues and noise events that can corrupt network traffic. With easy-to-read trend graphs and the ability to drill down to 1-second granularity, LANBERT helps you identify exactly when errors occur.
- To use the new app, start by going to the apps selection screen and scroll down until you find the LANBERT test app. Then, drag the app to your preferred location in the Home screen.



- Afterward, open the app and do as follows:
 - Connect one side of the cable you want to qualify to one of the test ports in your LinkRunner AT (copper or fiber).
 - Connect the other side of the cable to:
 - A physical loopback for up to 100Mbps qualification tests.
 - A LinkRunner AT 3000/4000, LinkRunner 10G, EtherScope nXG, CyberScope, or CyberScope XRF for up to 1G qualifications tests.
 - Set your LinkRunner AT as a LANBERT generator.

- If you are using a second unit on the other side set it as a LANBERT loopback.
- Start testing!



- For more details on how to configure or use the LANBERT test please refer to the LinkRunner AT 3000/4000 [user guide](#).

Other Changes in Version 2.6:

- **10Mbps LANBERT Speed Option**
(Applies to CyberScope, CyberScope XRF, EtherScope nXG, LinkRunner 10G, LinkRunner AT 3000, LinkRunner AT 4000)
 - This release adds support for tests performed on 10Mbps Ethernet copper links used for subsea and long-distance communications.
- **Performance app Improvements**
(Applies to CyberScope, CyberScope XRF, EtherScope nXG, LinkRunner 10G)
 - Analyzing Performance test results and generating reports that contain valuable information will now be easier. Starting with this release you will be able to upload individual graphs or charts generated after running a Performance test to Link-Live.
- **HTTP Proxy Name Support**
(Applies to all AllyWare-Equipped Products)
 - To help improve support for HTTP Proxy deployments on which multiple Proxy servers are being used for redundancy, starting on this release you now have the option to use a Proxy server URL in addition to an IP address.
- **Ability to Lock Screen when Powered**
(Applies to AirCheck G3, CyberScope Air, LinkRunner AT 3000, LinkRunner AT 4000)
 - Your testers screen can now be locked while charging, allowing users to lock a remote unit even when AC powered. The display Screen Timeout setting determines when the display will blank. The Screen Lock options

(None, Swipe, Pattern, PIN, Password) under the Security settings determines the means to un-lock the screen.

- **NBASE-T Detection Settings**

(Applies to LinkRunner AT 3000, LinkRunner AT 4000)

- Have you been wondering how to turn on NBASE-T detection on your LinkRunner AT 3000/4000? Wonder no more! Starting with this release, it will be enabled by default. To enable or disable this option manually:
 - Go to the AutoTest app and select the wired test profile for which you want to change the NBASE-T detection settings.
 - Select the Wired Connection option.
 - Enable or disable the NBASE-T Detection option.

- **Cable Test Accuracy Improvements**

(Applies to LinkRunner AT 3000, LinkRunner AT 4000)

- This release introduces enhancements to the Cable test app that will improve fault and WireView ID detection accuracy on short cables or patch cords.

- **PoE Powering and Charging**

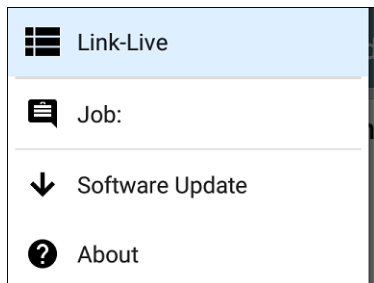
(Applies to LinkRunner AT 3000, LinkRunner AT 4000)

- The LinkRunner AT includes a greatly extended battery runtime of 8+ hours. Extended duration PoE power/charging has been changed to improve the operation of the tester. In normal operation of connectivity testing and troubleshooting users will see no difference with indefinite battery life as the tester will power and charge off PoE. In the case of long-term (24x7) operation the unit will require USB-C power as PoE power/charge will be suspended after a period for thermal considerations. The unit is now factory defaulted to disable PoE power/charge. The feature can be enabled in the General Settings.

Upgrading to Version 2.6

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 \(netally.com\)](#)