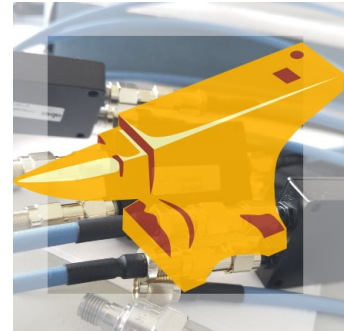


New Features & Improvements

Release 5.4.9 (March 3, 2025)

- Support AtXtel 3D positioner.
- TR398v4: Add Upload MU-MIMO test case.
- Support LANforge CT718 8-port and CT714c-attenuator, both of which are especially useful for side-mounting on RF chambers.
- Support 3-D positioner in Rate vs Range test to provide Rate vs Range vs Tilt.
- TR398v4: Support enabling MLO for Max-Cx 32 station test.
- TR398v4: Improve wifi-7 support, including for AP-Coex and ACS tests.
- TR398v4: Limit some high-speed pass/fail thresholds in case where AP supports Ethernet that is lower than those limits.
- TR398v4: Take Ethernet limits into account for tests needing WiFi backpressure: Air Time Fairness, QoS.
- TR398v4: Improve Latency reporting by adding high resolution CDF graphs to several tests.
- Update WiFi IP ToS defaults to be compatible with RFC-8235
- Support HTTP3 (QUIC) protocol using layer-4 endpoints.
- LANforge-GUI generated reports now use relative paths for sub-directories, to make it easy to rename and copy the reports to new locations.
- LANforge-GUI enables the http (JSON scripting) feature by default.
- AP-Auto test gains various features and bug fixes, including better WiFi-7 and 6GHz band support.
- Scale test has many bug fixes and reporting improvements.
- Mesh test now supports 6GHz stations.
- Improve MLO Link stats, requires 6.11.11+ or higher kernel.
- Improve MLO Link stability in Intel be200 by calculating beacon signal in the driver instead of depending on firmware to report accurate values.
- Interop: Add support for Apple iOS 18
- DFS: Improve RADAR emulation to support additional patterns.
- Support integrated zoom meetings in the Generic tab.
- Support integrated YouTube streaming on LANforge Linux and Windows machines (support already exists on the LANforge Interop app).
- Android Interop gains ability to automate connecting to APs using Enterprise encryption and requiring 'TOFU' click through in Android.



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Significant Bug Fixes

- Fix regression that broke quiesce-endpoint logic. This made the transmitter keep transmitting so that DUT does not drain the pkts. Work-around would be to manually set tx-rate to zero (I think). And we can do a point release for older releases that have this bug as needed.
- Fix regression in at least 6.10 and higher kernels where txpower was not configured properly (it would have stayed at NIC defaults.)

Known Limitations

- Virtual stations (more than one station per radio) have problems when connecting to AP that does

OFDMA. Work-arounds include disabling OFDMA on the AP or forcing the virtual stations to support only VHT instead of AX.

[Full release notes](#)

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