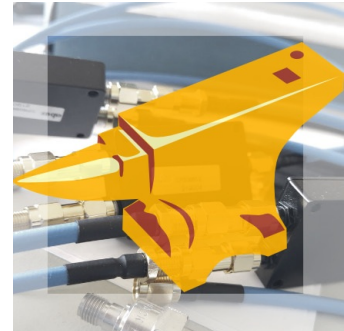


## New Features & Improvements

### Release 5.4.7 (March 8, 2024)

- Lots of small fixes.
- Support ssl/TLS communication between LANforge manager and resources, Linux only at this time.
- Support audio-quality reporting using VOIP and/or Mobile phone calls. Supports bluetooth and audio cable audio transport. Supports Android and IOS phones.
- Add wifi-7 support to TR398v4 test cases.
- Add DUT RSSI and channel utilization test cases for TR398v4 test.
- Support IPv6 option on TR398v4 test case.
- Support Intel be200 wifi-7 radio.
- Update to 6.7 kernel for latest drivers, features, and bug-fixes.
- Improved LANforge support on Windows, Android, MAC-OS.
- LANforge is now supported on Apple IOS phones.
- Add Continuous RvRvO Throughput test. Quickly test throughput over different turntable rotations.
- Improved RADAR Chirp emulation using CT712.
- Support generating modulated RF noise with CT712.
- Improved GUI support for RADAR and RF visualization tool.
- Support IPv6 UDP multicast on Android platforms.
- Improve latency reports for wifi-capacity test and some other tests.
- Improved python API, including auto-generated .py library for access to LANforge-CLI commands.
- Add Web-GUI tool to provide a different way to easily run automated tests, especially on Interop testbeds (beta).
- Support per-port DNS settings for many generic endpoints (ping, iperf) using LD\_PRELOAD feature.
- Support Raspberry PI 5 OS.



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### Significant Bug Fixes

- Fix bad spam loop when incorrect resource (bad realm, bad version, etc) tries to connect to LANforge Manager process. This was likely root cause of some of the performance bugs previously seen in Interop testbeds.  
Work-Around is to ensure resources are configured properly before attempting the 'connect\_mgr' configuration.
- Fix some IPv6 address problems, where 'local' routes were not always added properly. Work-around is to reset the port if routes are not correct.

### Known Limitations

- MTK 4x4 7915 chipset radio has problems when using multiple virtual stations 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.
- MTK 7916 radio is not stable with virtual stations in some configurations.

## Full release notes

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