

Release Note 27.01.2022

1. Fixed 8202G in 5G-SA display issue.
2. Fixed 8202G in 5G-NSA display issue under speedtest is running.
3. Add new mechanism - LTE only with 5G disable and NR5G with 5G enable.
4. Fixed LM940 display issue.
5. Fixed EM12 band selection miss.
6. Isolated 5 and 2.4 Ghz WPS function
7. Add several WiFi standard updates from Realtek for WiFi security and update 2.4 and 5 Ghz modules totally, (CVE-2021-35392, CVE-2021-35393, CVE-2021-35394, CVE-2021-35395)modules

9. Fixed random traffic jam with vdsl and ewan

10. Add more Linux buffers for 5G traffic and new 8202E module support

11. Fixed security 1st key =0 cause security to default after power off/on.
Fixed IPv6 enabled get slow issue.

12. Set new values for 4 linux kernel setup paramaters (better performance)


```
echo 31457280 >/proc/sys/net/ipv4/ipfrag_low_thresh  
echo 33554432 >/proc/sys/net/ipv4/ipfrag_high_thresh  
echo 2 /proc/sys/vm/overcommit_memory  
echo 60 > /proc/sys/net/ipv4/ipfrag_time
```

13. Supported blank to disable SMS alert.
Fixed OpenVPN client auto connected fail after power off/on.
Fixed Telnet login issue when Telnet enabled (pwd protect).

List of all changes 27.01.2022

1. Fixed special character "Å" on DHCP table.
2. Hide WiFi security on SNMP.
3. Fixed EWAN no IP after reboot.
4. Adjust WAN DNS behavior- Operator DNS is first priority.
If no DNS on Operator will use 8.8.8.8.
5. Fixed Samsung TV on Sony Areena APS issue.
6. VLAN ID 7 tuki EWAN and PTM interface
7. WiFi include now also WPA 3 support for security

8. Add MESH Wi-Fi support
9. Add SNR setting for DSL network (default -1 = auto)
10. Supported SMS control function.
11. Supported all bands selection for EM12/EM20
12. Support PC behind PTM bridge can get IP and Internet surfing through EWAN.
13. Add GRE tap 8 tunnel support
14. List of all supported LTE modules
15. Improve LED all off on hidden page-<http://192.168.0.254/ledtest.asp>
16. Support Band info when only one band in EP-06 CA usage.
17. Support NAT loopback to internal FTP server (port =21)
18. Fixed 4TB UI display issue.
19. Fixed Huawei MA5616 DSLAM 17a sync issue in short loops
20. Quactel em12 lte cat 12 support ,max 600 Mbps and Quactel EM20 1200 Mbps CAT 20 support
21. Fixed port forwarding-pptp application.
22. Fixed LTE BW value display in UI
23. Supported TLS=1.2 for HTTPs.
24. Fixed Speedtest traffic issue when disable/enable LTE interface on EWAN/LTE all up.
25. Support Mail alert
26. Change this command setting-echo 'net.core.netdev_max_backlog = 5000'
27. Change customization- disable G.Vector.
28. Fail over in multiple WAN link use - fix
29. Add fixed ip settings for 40 entry DHCP server
30. Add fix for memory leak with 3/4/5G modules
31. Support EP-06 band selection.
32. Support EM-12 band selection.
33. MNC/MCC translation on 8202G info.
34. Support 8202G LTE CA info.
35. Realtek wifi security SDK päivitys
36. Adds more band info to 3/4/5G UI
37. Fixed security 1st key =0 cause security to default after power off/on.
38. Fixed IPv6 enabled get slow issue.
39. Fixed IPv6 enabled get slow issue.
40. Fixed EM12 no traffice issue. (No gateway IP issue.)
41. Change auto upgrade path to telewell.fi. from www.telewell.fi
42. Change parameters as below speedup traffic:
43. echo "4194304" > /proc/sys/net/netfilter/nf_contrack_max
44. echo "524288" > /sys/module/nf_contrack/parameters/hashsize
45. On auto upgrade feature. The Router will back to default if there is a change in config.