

Release Notes (93001322)

Digi Connect IT Release Notes

Version 19.5.88.59 - May 2019

INTRODUCTION

This is a production firmware release for Connect IT products.

SUPPORTED PRODUCTS

- Digi Connect IT 4
- Digi Connect IT 16
- Digi Connect IT 48
- Digi Connect IT Mini

SUPPORTED WEB BROWSERS

The following web browsers are supported with the web interface. The latest version and the previous version of each browser have been tested.

- Google Chrome
- Firefox
- Microsoft Internet Explorer 11
- Microsoft Edge



KNOWN ISSUES

1. Several platforms are not reporting serial state/metrics (DAL-1208/DAL-1213).


HISTORY

19.5.88.59 – May 2019

SECURITY BUG FIXES

1. update to openssl (security) CVE-2019-1559
2. busybox: fix for CVE-2014-9645 (DAL-1159)
3. busybox: fix for CVE-2017-16544 (DAL-1159)
4.  update libcurl
CVE-2017-8816, CVE-2017-8817, CVE-2017-8818, CVE-2018-0500
CVE-2018-1000300, CVE-2018-1000301, CVE-2018-14618
CVE-2018-16839, CVE-2018-16840, CVE-2018-16842
CVE-2018-16890, CVE-2019-3822, CVE-2019-3823
5. DAL-1159
6.  kernel patch to resolve CVE-2019-11815

BUG FIXES / ENHANCEMENTS

1. Remote cloud connections were locked until while long running commands completed
 DAL-1177

2. Fix major issue with multiple IPsec policies [OBJ]DAL-934
When two remote subnets are configured in 2 Policies for an IKEv2 tunnel only Policy 2 traffic will pass
3. Improvements to CLI show serial [OBJ]DAL-1175
4. Corrections to CLI show route [OBJ]DAL-1176
5. CLI show system improvements [OBJ]DAL-1172
show system current time and uptime doesn't update properly
6. Errors on console during WebUI firmware update [OBJ]DAL-1140
7. modem: update fetch of signal attributes for LE910_NA_V2
8. modem: fix bug with parsing out MCC/MNC from AT#RFSTS response (LE910NAv2)
9. Fix cloud connector crash on shutdown
10. Fix process management issue with cloud connector and configuration
11. Improve reliability of security chip from user space access due to wakeup
12. Check for configured serial ports in show serial
13. [OBJ]DAL-1114 Show serial is visible for devices with no serial ports
14. Web GUI input validation rewording to be consistent
15. [OBJ]DAL-CLI: fix Typos in descriptions, titles, and minimums
16. WebUI: Ensure correct versions of static files are loaded (using md5 hash)
17. [OBJ]Serial ports were mistakenly listed under Network for metrics and state.
18. Metrics had incorrect title, "System" in descriptors/state.
19. Add external USB port support to Connect IT 16/48[OBJ]
20. [OBJ]DAL-773 - New CLI with more commands/consistency
21. ModemManager: Telit error reporting patch
22. [OBJ]DAL-972 - Enable Multicast DNS service on all platforms
23. Intelliflow crash fix (divide by 0 on some datasets)
24. intelliflow improve error reporting
25. [OBJ]DAL-903 - Implement RADIUS authentication support for users
26. [OBJ]DAL-340 - Add NTP Server option (disabled by default)
27. [OBJ]DAL-960 - System maintenance tasks do not run during duration window if reboot time is set
28. [OBJ]DAL-917 - Updated ipset
29. [OBJ]DAL-933 - TACACS+ authorization for more server implementations
30. [OBJ]DAL-916 - Send interface name with cellular status events
31. [OBJ]DAL-915 - stunnel updated
32. [OBJ]URMA-1996 - SPIKE: Asynchronous CLI under DRM
33. DAL-810 - Additional health metrics required for DRM 3.0
34. [OBJ]DAL-869 - Firmware update through Webui doesn't recover when some other page is clicked during the update process.
35. [OBJ]DAL-849 - Connect IT Mini platform initial support
36. [OBJ]DAL-775 - Direct remote serial port access via WebUI (shellinabox)
37. [OBJ]DAL-859 - Add sftp server to all DAL platforms
38. [OBJ]DAL-786 - Signal/dbm/percentage inaccurate on Verizon 2G and 3G connections with MC7354
39. [OBJ]DAL-742 - Verify and fix dual APN support on the LM940
40. DAL-818 - Dual-APN Support on Telit LE910-NAv2 (1002-CM04)
41. [OBJ]DAL-798 - Improved OpenVPN operation and customisation
42. [OBJ]DAL-842 - Update to linux-5.0
43. [OBJ]DAL-759 - Upgrade MC7455 to 02.30.01.01 (SWI9X30C 2.0 Release 23) Added latest Sierra firmware for MC7455 and MC7430
44. [OBJ]DAL-581 - Add description field to system group
45. [OBJ]DAL-764 - ECC Custom Cert Support
46. [OBJ]DAL-840 - Add an additional APN for Bouygues in France

47. [OBJ] DAL-813 - Unable to establish dual-APN connection with AT&T using Sierra modem
48. [OBJ] DAL-744 - Telit: Added logic to protect new C1_AP modems from being bricked.
49. [OBJ] DAL-822 - Telit: Added firmware check sum for version 414 of LE910-EU1.
50. [OBJ] DALP-226 - Improved Telit location reporting
51. [OBJ] NPIX-939 - Update LE910C1-NS Firmware from 25.00.244 to 25.00.246
52. Improved collection of network LINK and Speed reporting
53. [OBJ] DAL-707 - DRM Implement health metrics on ACL based platforms
54. Added latest Telit LE910_XX_V2 firmware md5 sums.
55. Fix MTU support for PPP based connections
56. Telit: Added md5 sums for the latest Telit firmware for LE910_NA1

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ENHANCEMENTS

1. Add find-me LED support (DAL-904)
2. quiet boot (no console output) (DAL-938)
3. Product name reformat (DAL-900)
4. Updated network port default configurations (DAL-932)
5. Support to direct remote serial port access via webui (DAL-775)

SECURITY BUG FIXES

1. N/A

BUG FIXES

1. restore last active SIM slot on boot
2. fixes for DRM metrics/health
3. Corrected WWAN LED status
4. Corrected port naming
5. Status LED updates (DAL-898, DAL-899)

6. PSU LED updates (DAL-898, DAL-899)
7. Increase allowable firmware upgrade size (DAL-931)

Earlier Releases

For the release notes for earlier firmware releases, please visit the Digi Support site (www.digi.com/support).