Release Notes (93001323)

Digi Accelerated Linux (DAL) Release Notes

Version 19.5.88.59 - May 2019

INTRODUCTION

This is a production firmware release for all DAL supported products.

SUPPORTED PRODUCTS

- Digi IX14 (all SKUs/variants)
- Digi Connect IT 4
- Digi EX15
- AcceleratedConcepts 5400-RM
- AcceleratedConcepts 5401-RM
- AcceleratedConcepts 6300-CX
- AcceleratedConcepts 6310-DX
- AcceleratedConcepts 6330-MX
- AcceleratedConcepts 6335-MX
- AcceleratedConcepts 6350-SR
- AcceleratedConcepts 6355-SR

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-1.0.2r (security) CVE-2019-1559
2. busybox: fix for CVE-2014-9645 (DAL-1159)
3. busybox: fix for CVE-2017-16544 (DAL-1159)
4. libcurl: update to 7.64.1
   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
libcurl: fixes for CVE-2018-1000007, CVE-2017-8818, CVE-2017-8816, CVE-2018-1000005
Zebra 0.99.24: fix for CVE-2016-1245
Busybox: fixes for CVE-2016-6301, CVE-2016-2148, CVE-2017-16544, CVE-2016-2147, CVE-2017-15874, CVE-2014-9645, CVE-2011-5325
pppd update to 2.4.7
CVE-2014-3158, CVE-2015-3310
6. Kernel patch to resolve CVE-2019-11815

BUG FIXES / ENHANCEMENTS
1. DAL-1194 - Fix issue on 6300-CX preventing WebUI based firmware update up to 1 in 3 tries
2. DAL-1177 - Remote cloud connections were locked until while long running commands completed
3. DAL-934 - Fix major issue with multiple IPsec policies
   When two remote subnets are configured in 2 Policies for an IKEv2 tunnel only Policy 2 traffic will pass
4. DAL-1175 - Improvements to CLI show serial
5. DAL-1176 - Corrections to CLI show route
6. DAL-1172 - CLI show system improvements
   show system current time and uptime doesn't update properly
7. DAL-1140 - Errors on console during WebUI firmware update
8. modem: update fetch of signal attributes for LE910_NA_V2
9. modem: fix bug with parsing out MCC/MNC from AT#RFSTS response (LE910NAv2)
10. Fix cloud connector crash on shutdown
11. Fix process management issue with cloud connector and configuration
12. Improve reliability of security chip from user space access due to wakeup
13. Check for configured serial ports in show serial
14. DAL-1114 - Show serial is visible for devices with no serial ports
15. Web GUI input validation rewording to be consistent
16. DAL-CLI: fix Typos in descriptions, titles, and minimums
17. WebUI: Ensure correct versions of static files are loaded (using md5 hash)
18. Serial ports were mistakenly listed under Network for metrics and state.
19. Metrics had incorrect title, "System" in descriptors/state.
20. DAL-773 - New CLI with more commands/consistency
21. ModemManager: Telit error reporting patch
22. 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. DAL-903 - Implement RADIUS authentication support for users
26. DAL-340 - Add NTP Server option (disabled by default)
27. DAL-960 - System maintenance tasks do not run during duration window if reboot time is set
28. DAL-917 - Updated ipset version to 7.1
29. Update to newest shadow-4.6 package
30. DAL-837 - Enable standard DAL modem firmware updates on all platforms (IX14 specifically)
31. DAL-933 - TACACS+ authorization for more server implementations
32. DAL-916 - Send interface name with cellular status events
33. DAL-915 - stunnel updated to version 5.52

34. URMA-1996 - SPIKE: Asynchronous CLI under DRM
35. DAL-810 - Additional health metrics required for DRM 3.0
36. DAL-869 - Firmware update through WebUI dosen't recover when some other page is clicked during the update process.
37. Add support for Telit ME910C1_WW
38. DAL-775 - Direct remote serial port access via WebUI (shellinabox)
39. DAL-859 - Add sftp server to all DAL platforms
40. DAL-786 - Signal/dbm/percentage inaccurate on Verizon 2G and 3G connections with MC7354
41. DAL-742 - Verify and fix dual APN support on the LM940
42. DAL-818 - Dual-APN Support on Telit LE910-NAv2 (1002-CM04)
43. DAL-798 - Improved OpenVPN operation and customisation
44. DAL-842 - Update to linux-5.0
45. DAL-759 - Upgrade MC7455 to 02.30.01.01 (SWI9X30C 2.0 Release 23) Added latest Sierra firmware for MC7455 and MC7430
46. DAL-581 - Add description field to system group
47. DAL-764 - ECC Custom Cert Support
48. DAL-840 - Add an additional APN for Bouygues in France
49. DAL-813 - Unable to establish dual-APN connection with AT&T using Sierra modem
50. DAL-744 - Telit: Added logic to protect new C1_AP modems from being bricked.
51. DAL-822 - Telit: Added firmware check sum for version 414 of LE910-EU1.
52. DALP-226 - Improved Telit location reporting
53. IX14: fix RCI state names
54. NPIX-939 - Update LE910C1-NS Firmware from 25.00.244 to 25.00.246
55. Improved collection of network LINK and Speed reporting
56. DAL-707 - DRM Implement health metrics on ACL based platforms
57. Added latest Telit LE910_XX_V2 firmware md5 sums.
58. Fix MTU support for PPP based connections
59. Telit: Added md5 sums for the latest telit firmware for LE910_NA1

Earlier Releases

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