Actility
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Actility ThingPark
Software Release Notes
Gemtek OutDoor Unit - LRR 2.6.56_10

Under NDA

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VERSIONS

Version	Date	Author	Details
01	26-Sep-2022	Actility	Initial Version
02	27-Sep-2022	Actility	Fix versions, update ToC

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1 SUPPORTED PLATFORMS

1.1 Version 2.6.56_10

Model	Firmware	FPGA	HAL	Comments
Gemtek Outdoor	opdk-1.00.23	31/33	4.1.3	1 and 2 x 8-channel boards

2 NEW FEATURES

2.1 Version 2.6.56_10 (change since 2.6.56_7)

Fixes only.

2.2 Version 2.6.56_7 (change since 2.6.56_4)

Fixes only.

2.3 Version 2.6.56_4 (change since 2.6.56_3)

PT-1972: Add option to filter out JOIN REQUEST with invalid payload size (!=23). This option requires the flag [nwkfilter] joinintegritycheck=1 to be enabled

2.4 Version 2.6.56_3 (change since 2.6.56_2)

Fixes only.

2.5 Version 2.6.56_2 (change since 2.6.56_1)

Fixes only.

2.6 Version 2.6.56_1 (change since 2.6.56)

Fixes only.

3 BUG FIXES

3.1 Version 2.6.56_10 (change since 2.6.56_7)

- PT-2183: Gateway connection on ppp0 as secondary interface failed when eth0 cable is unplugged
- PT-2185: Gateway failed to connect to NS after config change though both ppp0 & eth0 are up
- PT-2188: Gateway lost default route after up and running with ppp0 and eth0 unplugged
- PT-2190: Fix applied.json/committed.json creation when file is missing

3.2 Version 2.6.56_7 (change since 2.6.56_4)

- PT-2132, PT-2134: Fixes to avoid and recover from empty /etc/network/interfaces

3.3 Version 2.6.56_4 (change since 2.6.56_3)

No bug fixes

3.4 Version 2.6.56_3 (change since 2.6.56_2)

- RDTP-17388: openssh command no longer tries to download autorevssh.txt file: autorevssh.txt has never been used, and it generates delays when openssh tries to download this file.
- RDTP-17879: ip_rule_set does not properly route traffic on unused interface subnet
- PT-1970: Gateway manager shall not wait for cellular interface when it is not activated
- PT-1969: Gateway manager shall not call reconfig_ppp twice
- PT-1971: Reset FPGA multiple time on LRR service start to fix radio start issue

3.5 Version 2.6.56_2 (change since 2.6.56_1)

- PT-1922: Fix special characters support in download/upload credentials

3.6 Version 2.6.56_1 (change since 2.6.56)

- PT-1918: NFR920 migration fix when ipsec.conf is empty

4 KNOWN ISSUES

- PT-1342: rfscanv1 failed with rfscan already running
- PT-1824: watchdog may reboot the gateway under heavy load
- PT-1818: syslogd stops after a while (may be due to ntpd restart)
- PT-1763: gateway doesn't support natively NTP synchronization via GPS.
- PT-1867: some class A downlinks may fail with cause a2 (time in the past)

ABOUT ACTILITY

Actility is an industry leader in LPWAN (Low Power Wide Area) large scale infrastructure with ThingPark™, the new generation standard-based M2M communication platform. Actility's ThingPark Wireless™ network provides long-range coverage for low-power sensors used in SmartCity, SmartBuilding and SmartFactory applications. Actility also provides the ThingPark X which provides big data storage for sensor data and exposes sensor function through an open API allowing developers to provide vertical applications on top of rolled out sensors. To help vendors transform their sensors, Actility provides the ThingPark IoT platform which include embedded software solutions and cloud solutions to help devices connect to innovative applications. Via the ThingPark Market, an online marketplace engine dedicated to the IoT sensors, applications and network solutions, Actility enables the roll-out of new innovative IoT services for sensor vendors and network solution vendors. Actility is a founding member of the LoRa Alliance™: the largest, most powerful standards-based effort to enable the Internet of Things (IoT). Visit www.actility.com.

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