



Wanesy Management Cockpit

Release note of version 4.5

V1.0 – January 30th, 2024





1. New features

- a) Get logs of a gateway
- b) Improvements for action follow-up
- c) Other features & improvements

2. Restrictions solved

3. Constraints and restrictions



1.a NEW FEATURES

Get logs of a gateway



NEW FEATURES / Get logs of a gateway

- Add possibility to get the logs of a gateway, through a new dedicated entry in the **ACTIONS** menu of the gateway overview page:

Gateway overview

OVERVIEW KPI CONFIGURATION 7076FF0056050928 - 7076FF0056050928 ACTIONS

General

Status **OPERATIONAL**

EUI 7076FF0056050928

Customer kpi-development

Name 7076FF0056050928

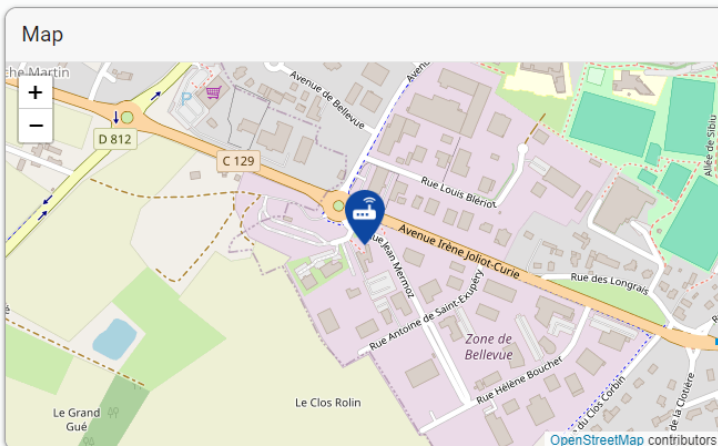
Description 7076FF0056050928

Backhaul Ethernet

Public IP address 194.250.9.193

Groups kpi-group1-all

Map



Position: Manual

Coordinates

Latitude

Longitude -1.5902576

Ground height

Health

Last telemetry message: 27 minutes, 12 seconds ago

CPU	2 %
RAM	66 %
Disk	1 %
Load average 15 min	0.08
CPU Temperature	50 °C
Uptime	3 days

Installed packages

Name	Version
basicstation	2.6.0
helium-gateway	1.0.2-klk
kerlink-openssl-secrets-pki2-56050928	1.0-202311211717
keros	5.10.1-0-gc7e2b007
secureboot-enabler	2.2.0-DBCE282B
warc-edgelib-hotfix	2.2.6
warc-engine-hotfix	2.2.5

ACTIONS

- Reboot
- Get logs**
- Edit
- Delete

ACTIONS

- Reboot
- Get logs**
- Edit
- Delete

- Clicking on the Get logs entry in the ACTIONS menu allows to access to a new page dedicated to the gateway logs:

Gateway logs

OVERVIEW KPI CONFIGURATION 7076FF0056050928 - 7076FF0056050928 ACTIONS

Get gateway logs

By default, the normal mode to get full logs is enabled. In case of backhaul restriction on speed or data, please select the minimal mode to only get the latest logs.

Mode: normal

The get logs command will be executed upon the next telemetry message reception.

GET LOGS

Get logs command

No get logs command in progress.

Available log files The retention period for the log files is 30 days

Creation date	Link to log file	Size	Mode
2024-01-18 16:30:50	Logs_kpi-development_7076FF0056050928_20240118_153048999.zip	13 MB	Normal
2024-01-17 15:31:39	Logs_kpi-development_7076FF0056050928_20240117_143137714_min.tgz	2.8 MB	Minimal

Items per page: 10 1-2 of 2

Get logs command in progress,
with possibility to cancel it

Send a get logs command to the gateway,
with possibility to enable minimal mode

List of the available log files,
with download link for each of them

- Clicking on the **GET LOGS** button allows to trigger the sending of the get logs command to the gateway
- In case of backhaul restriction on speed or data, it is recommended to enable the minimal mode to limit the size of the logs file (by only requesting the latest logs)

Get gateway logs

By default, the normal mode to get full logs is enabled.
In case of backhaul restriction on speed or data, please select the minimal mode to only get the latest logs.

Mode: normal

The get logs command will be executed upon the next telemetry message reception.

GET LOGS

- Constraints associated with the normal/minimal mode:
 - The minimal mode is enabled by default if the current backhaul used is cellular (or if it is unknown), in all other cases the normal mode is enabled by default
 - The minimal mode is not supported for gateways with FW < KerOS 5.6
 - The minimal mode is not yet available for gateways with FW = KerOS 6

NEW FEATURES / Get logs of a gateway

- When a get logs command is pending:
 - The command appears in the gateway logs page (going through different statuses)
 - An orange dot is displayed next to the Get logs entry in the ACTIONS menu

Gateway logs

OVERVIEW KPI CONFIGURATION 7076FF0056050928 - 7076FF0056050928 ACTIONS

Get gateway logs

By default, the normal mode to get full logs is enabled.
In case of backhaul restriction on speed or data, please select the minimal mode to only get the latest logs.

Mode: normal

The get logs command will be executed upon the next telemetry message reception.

GET LOGS

Get logs command

Creation date: 2024-01-26 14:57:06 Mode: Normal

Status: ⏸ Pending CANCEL GET LOGS

Available log files

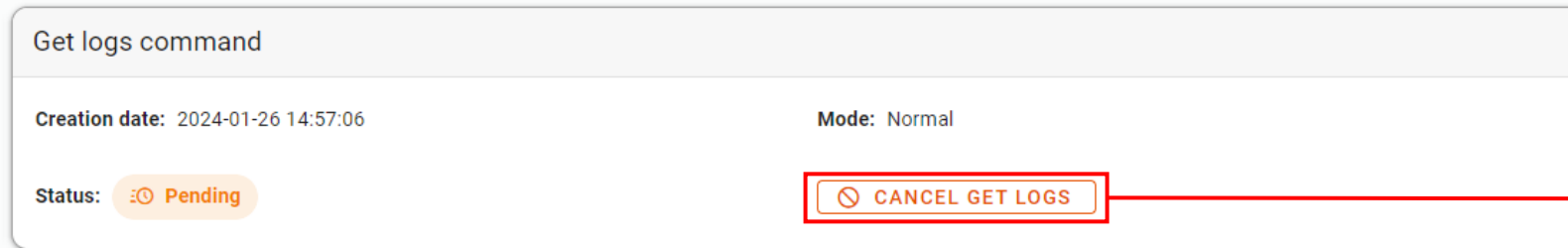
The retention period for the log files is 30 days

Creation date	Link to log file	Size	Mode
2024-01-18 16:30:50	Logs_kpi-development_7076FF0056050928_20240118_153048999.zip	13 MB	Normal
2024-01-17 15:31:39	Logs_kpi-development_7076FF0056050928_20240117_143137714_min.tgz	2.8 MB	Minimal

Items per page: 10 1-2 of 2

- Reboot
- Get logs
- Edit
- Delete

- When a get logs command is pending, it is possible to cancel it:



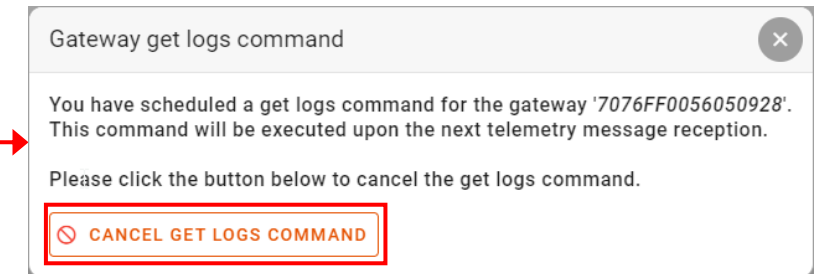
Get logs command

Creation date: 2024-01-26 14:57:06 Mode: Normal

Status: ⌚ Pending

🛑 CANCEL GET LOGS

A red box highlights the 'CANCEL GET LOGS' button, with a red arrow pointing to the right towards the modal dialog.



Gateway get logs command

You have scheduled a get logs command for the gateway '7076FF0056050928'. This command will be executed upon the next telemetry message reception.

Please click the button below to cancel the get logs command.

🛑 CANCEL GET LOGS COMMAND

A red box highlights the 'CANCEL GET LOGS COMMAND' button.

- Constraints associated with the get logs command:
 - The get logs command is only accessible to SERVICE_ADMIN and CHANNEL_ADMIN roles
 - Once triggered, the get logs command will be sent to the gateway when the next telemetry message is received (message expected every hour)
 - It is not possible to send a new get logs command if another one is already pending (in this case the GET LOGS button is grayed out)
 - It is possible to cancel a get logs command only if it has not yet been sent to the gateway



1.b NEW FEATURES

**Improvements for action
follow-up**




- Adding an auto refresh mechanism for orange action follow-up dot in header and menu
- Adding a status badge about actions in progress to group list, with filtering option:

Filter

Name Description Actions in progress

SEARCH

Groups

Name	Description	Actions
group-a		
 group-b		
group-c		

Items per page: 25 1-3 of 3 < < 1 > >

Each badge has a link that redirects to the corresponding group software update page

NEW FEATURES / Improvements for action follow-up

- Adding a status badge about actions in progress to gateway list, with filtering option:



Filter

Select status Gateway EUI Name Description

Select backhaul Select a group Actions in progress

SEARCH

Gateways

Status	Gateway EUI	Name	Description	Backhaul	Groups	Actions
OPERATIONAL	 7076FF0056050928	7076FF0056050928	7076FF0056050928	Ethernet	demo	
UNKNOWN	7076FF007F030024	7076FF007F030024	7076FF007F030024	-	demo	
OPERATIONAL	 7076FF007F04000C	7076FF007F04000C	7076FF007F04000C	Cellular	demo	
OPERATIONAL	7276FF003904023B	7276FF003904023B	7276FF003904023B	Ethernet	demo	
UNREACHABLE	7276FF00440707A6	7276FF00440707A6	7276FF00440707A6	Ethernet	demo	
OPERATIONAL	7276FF003907025A	7276FF003907025A	7276FF003907025A	WiFi	demo	

Items per page: 25 1-6 of 6



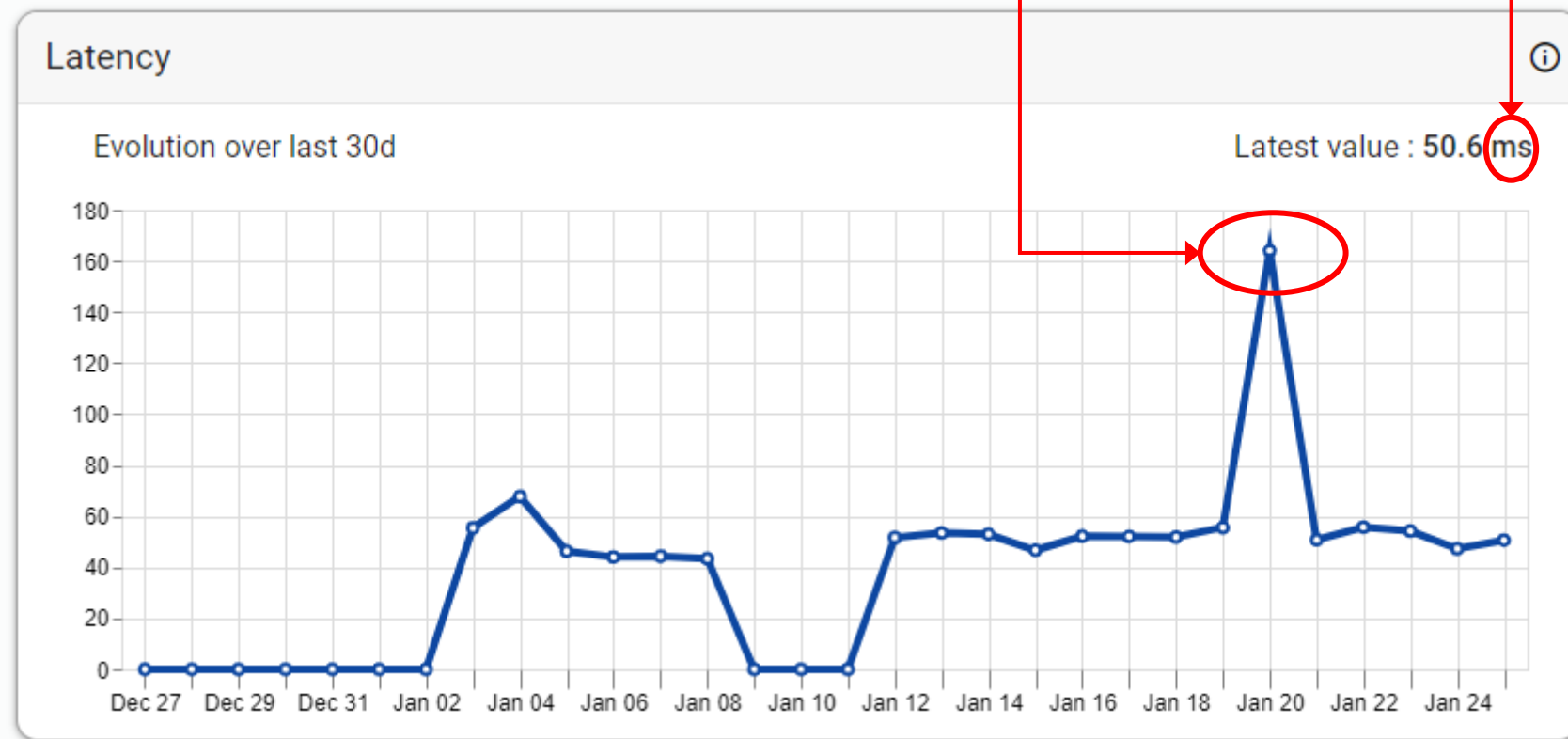
1.c NEW FEATURES

Other features & improvements

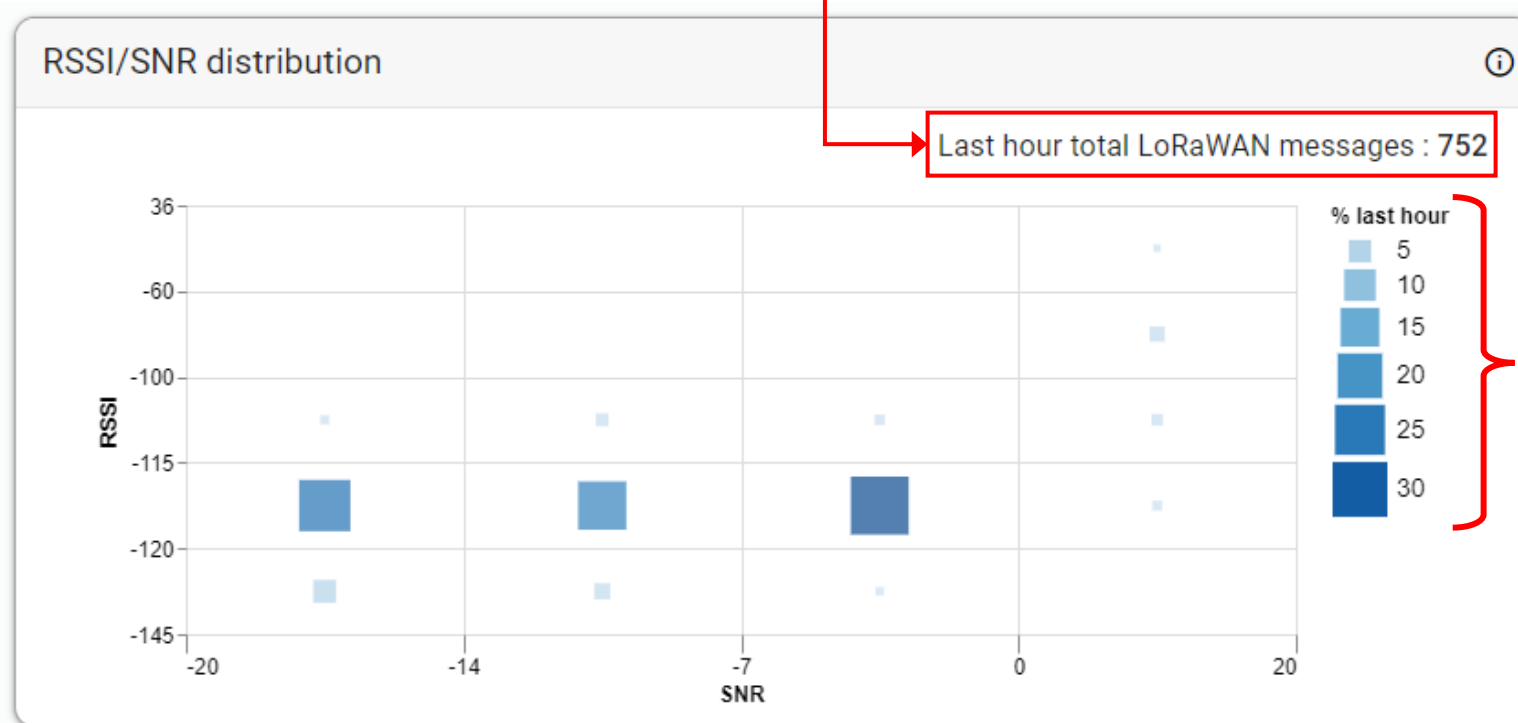


- KPIs gateway / Backhaul – Latency:

- Unit changed to ms (previously in s)
- Upper limit is now adaptative



- KPIs gateway / LoRaWAN - RSSI/SNR distribution:
 - Modifying limit values: [RSSI] -145dBm to +36dBm / [SNR] 20dB to +20dB
 - Moving values to percentage
 - Adding total nb of messages



NEW FEATURES / Other features & improvements

- Adding refresh buttons (with last refresh date displayed when hovering):
 - In headers of gateway and group pages:



- In header of gateways table:

The screenshot shows the 'Gateways' table header. The table has columns for Status, Gateway EUI, Name, Description, Backhaul, Groups, and Actions. A refresh button (circular arrow) is located in the top right corner of the table header, highlighted with a red box.

Status ⓘ	Gateway EUI	Name	Description	Backhaul	Groups	Actions
OPERATIONAL	7076FF0056050928	7076FF0056050928	7076FF0056050928	Ethernet	demo	✎ 🗑
UNKNOWN	7076FF007F030024	7076FF007F030024	7076FF007F030024	-	demo	✎ 🗑
OPERATIONAL	7076FF007F04000C	7076FF007F04000C	7076FF007F04000C	Cellular	demo	✎ 🗑
OPERATIONAL	7276FF003904023B	7276FF003904023B	7276FF003904023B	Ethernet	demo	✎ 🗑
UNREACHABLE	7276FF00440707A6	7276FF00440707A6	7276FF00440707A6	Ethernet	demo	✎ 🗑
OPERATIONAL	7276FF003907025A	7276FF003907025A	7276FF003907025A	WiFi	demo	✎ 🗑

Items per page: 25 1-6 of 6 << < 1 > >>

- Reducing font size for better visual rendering, particularly for tables
- Adding the possibility to rename a customer
- For CHANNEL_ADMIN role, adding the possibility to search a gateway in all customers
- Adding a creation date to the gateway data model:
 - Objective is to prevent displaying information sent by the gateway before its creation date
 - Creation date set by default to January 1st for the gateways already created → if a gateway has not communicated since this date (gateway in **UNREACHABLE** connection status), its health information will not be visible until it reconnects

kerlink
communication is everything

2. RESTRICTIONS SOLVED



- Rename a customer is not possible [SOLVED]



3. CONSTRAINTS & RESTRICTIONS



- Minimal mode for get logs command is not available for gateways with KerOS 6 FW
- RSSI/SNR distribution graph is only available for last hour
- A relogin is necessary for the changes on the user's rights to be applied
- The user name is not filled in the email sent in case of forgotten password
- Move a gateway from a customer to another is not possible
- Feature for importing gateways by CSV file is limited to Kerlink team (no access for customer), please contact Kerlink support team if you need to declare many gateways

Thank you!



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