

# JWT REST API

## Overview

Rest api to retrieve the jwt for an user

## Tags

### JWT API

Rest api to retrieve the jwt for an user

## Paths

### **POST** `/api/v1/jwt` Get id jwt token for the user

#### Responses

Code	Description	Links
200	OK - Token retrieved  <i>Content</i> <b>application/json</b>	No Links
401	401	No Links
500	INTERNAL SERVER ERROR - Internal error	No Links

## Components

### Schemas

#### AccountJwtRequest

##### Properties

Name	Description	Schema
password <i>optional</i>		string
username <i>optional</i>		string

# AccountJwtResponse

## Properties

Name	Description	Schema
idToken <i>optional</i>		string



# Devices REST API

## Overview

REST APIs that exposes all device related functionalities

## Paths

### **POST** `/api/v1/devices` Register device

Register device with ICCID to leaf node UUID

#### Responses

Code	Description	Links
201	CREATED - Registered Device  <i>Content</i> <b>application/json</b>	No Links
400	BAD REQUEST - One or more required parameters is or are null, empty or in wrong format.  <i>Content</i> <b>application/json</b>	No Links

### **PUT** `/api/v1/devices/acknowledge` Acknowledge tampered device status

Acknowledge tampered device status

#### Responses

Code	Description	Links
200	SUCCESS - Acknowledge devices  <i>Content</i> <b>application/json</b>	No Links
207	PARTIAL SUCCESS - Acknowledge devices with error  <i>Content</i> <b>application/json</b>	No Links

Code	Description	Links
400	BAD REQUEST - One or more required parameters is or are null, empty or in wrong format.  <i>Content</i> <b>application/json</b>	No Links

## **PUT /api/v1/devices/acknowledgeAlarm** Acknowledge alarming device status

Acknowledge alarming devices status by setting it to GREEN (all ok) again

### Responses

Code	Description	Links
200	SUCCESS - All devices acknowledged  <i>Content</i> <b>application/json</b>	No Links
207	PARTIAL SUCCESS - Devices acknowledged with error  <i>Content</i> <b>application/json</b>	No Links
400	BAD REQUEST - One or more required parameters is or are null, empty or in wrong format.  <i>Content</i> <b>application/json</b>	No Links

## **GET /api/v1/devices/acknowledgeable** Fetch devices which need acknowledgment

Fetches and returns devices which need acknowledgment for the current user

### Parameters

Type	Name	Description	Schema
query	<b>size</b> <i>optional</i>		integer (int32)
query	<b>page</b> <i>optional</i>		integer (int32)

### Responses

Code	Description	Links
200	SUCCESS - Fetch acknowledge devices  <i>Content</i> <b>application/json</b>	No Links
400	BAD REQUEST - One or more required parameters is or are null, empty or in wrong format.  <i>Content</i> <b>application/json</b>	No Links

## **GET /api/v1/devices/acknowledgeableCount** Retrieve count of devices which need acknowledgement

### Responses

Code	Description	Links
200	SUCCESS - Fetch count  <i>Content</i> <b>application/json</b>	No Links
400	BAD REQUEST - One or more required parameters is or are null, empty or in wrong format.  <i>Content</i> <b>application/json</b>	No Links

## **GET /api/v1/devices/alarm** Fetches alarming devices

### Parameters

Type	Name	Description	Schema
query	<b>size</b> <i>optional</i>		integer (int32)
query	<b>sortType</b> <i>optional</i>		enum (ASC,DESC)
query	<b>sortField</b> <i>optional</i>		enum (ID,DEVICE_ID,STATUS, LOCATION,DEVICE_TYPE)
query	<b>page</b> <i>optional</i>		integer (int32)

### Responses

Code	Description	Links
200	SUCCESS - Fetch alarming devices  <i>Content</i> <b>application/json</b>	No Links
400	BAD REQUEST - One or more required parameters is or are null, empty or in wrong format.  <i>Content</i> <b>application/json</b>	No Links

## **GET /api/v1/devices/deviceTree** Fetch device tree

Fetch device tree with gateways and szb devices

### Parameters

Type	Name	Description	Schema
query	<b>deviceType</b> <i>optional</i>		enum (UNKNOWN,RWM,EIRC,THS,SWAN,OMS02,OMS03,OMS04,OMS06,OMS07,OMS08)
query	<b>nodeUuid</b> <i>optional</i>		string

### Responses

Code	Description	Links
200	SUCCESS - Fetch device tree  <i>Content</i> <b>application/json</b>	No Links
400	BAD REQUEST - One or more required parameters is or are null, empty or in wrong format.  <i>Content</i> <b>application/json</b>	No Links

## **POST /api/v1/devices/exists** Fetches uuids of registered deviceIds

Fetch devices by ICCID and returns the UUID, if registered

### Responses

Code	Description	Links
200	OK - Uuids fetched successfully.  <i>Content</i> <b>application/json</b>	No Links
400	BAD REQUEST - One or more required parameters is or are null, empty or in wrong format.  <i>Content</i> <b>application/json</b>	No Links

## GET /api/v1/devices/filteredSearchPaginated Fetch Devices by filter parameter

Fetches and returns devices for given parameters

### Parameters

Type	Name	Description	Schema
query	<b>deviceType</b> <i>optional</i>		enum (UNKNOWN,RWM,EIRC,THS,SWAN,OMS02,OMS03,OMS04,OMS06,OMS07,OMS08)
query	<b>pathUuids</b> <i>optional</i>		string
query	<b>size</b> <i>optional</i>		integer (int32)
query	<b>sortType</b> <i>optional</i>		enum (ASC,DESC)
query	<b>countryRef</b> <i>optional</i>		string
query	<b>cityRef</b> <i>optional</i>		string
query	<b>sortField</b> <i>optional</i>		enum (ID,DEVICE_ID,STATUS,LOCATION,DEVICE_TYPE)
query	<b>personal</b> <i>optional</i>		boolean
query	<b>page</b> <i>optional</i>		integer (int32)

Type	Name	Description	Schema
query	status <i>optional</i>		< string > array
query	companyRef <i>optional</i>		string

## Responses

Code	Description	Links
200	SUCCESS - Fetch filtered devices  <i>Content</i> <b>application/json</b>	No Links
400	BAD REQUEST - One or more required parameters is or are null, empty or in wrong format.  <i>Content</i> <b>application/json</b>	No Links

## **GET /api/v1/devices/identification/{uuid}** Fetch device identification by UUID or ID

UUID to ID and vice versa

## Parameters

Type	Name	Description	Schema
path	uuid <i>required</i>		string

## Responses

Code	Description	Links
200	SUCCESS - Fetch device identification(s)  <i>Content</i> <b>application/json</b>	No Links
400	BAD REQUEST - One or more required parameters is or are null, empty or in wrong format.  <i>Content</i> <b>application/json</b>	No Links



Code	Description	Links
401	FAILED - No access or not found  <i>Content</i> <b>application/json</b>	No Links

## **GET /api/v1/devices/personalDevices** Count registered devices of current account

Retrieve summary of personal devices of the current account

### Responses

Code	Description	Links
200	SUCCESS - Fetch personal devices  <i>Content</i> <b>application/json</b>	No Links
400	BAD REQUEST - One or more required parameters is or are null, empty or in wrong format.  <i>Content</i> <b>application/json</b>	No Links

## **GET /api/v1/devices/ping**

### Responses

Code	Description	Links
200	OK  <i>Content</i> <b>text/html</b>	No Links

## **POST /api/v1/devices/preregister** Preregister a device

Preregister a device for later (automatic) registering

### Responses

Code	Description	Links
201	CREATED - Preregistered  <i>Content</i> <b>application/json</b>	No Links

Code	Description	Links
400	BAD REQUEST - One or more required parameters is or are null, empty or in wrong format.  <i>Content</i> <b>application/json</b>	No Links

## **GET** /api/v1/devices/{uuid} Fetch device information

Fetches device information for given UUID or device ID

### Parameters

Type	Name	Description	Schema
path	uuid <i>required</i>		string

### Responses

Code	Description	Links
200	SUCCESS - Fetch device  <i>Content</i> <b>application/json</b>	No Links
400	BAD REQUEST - One or more required parameters is or are null, empty or in wrong format.  <i>Content</i> <b>application/json</b>	No Links
401	FAILED - No access or not found  <i>Content</i> <b>application/json</b>	No Links

## **GET** /api/v1/devices/{uuid}/history Fetch event history

Fetches and returns the event history for given UUID of device ID

### Parameters

Type	Name	Description	Schema
query	size <i>optional</i>		integer (int32)
query	page <i>optional</i>		integer (int32)

Type	Name	Description	Schema
<b>path</b>	<b>uuid</b> <i>required</i>		string

*Responses*

Code	Description	Links
200	SUCCESS - Fetch events history  <i>Content</i> <b>application/json</b>	No Links
400	BAD REQUEST - One or more required parameters is or are null, empty or in wrong format.  <i>Content</i> <b>application/json</b>	No Links
401	FAILED - No access or not found  <i>Content</i> <b>application/json</b>	No Links

## **GET /api/v1/devices/{uuid}/historyBetween** Fetch event history of device between an interval

Fetch event history of device between an interval

*Parameters*

Type	Name	Description	Schema
<b>query</b>	<b>start</b> <i>optional</i>		integer (int64)
<b>query</b>	<b>end</b> <i>optional</i>		integer (int64)
<b>path</b>	<b>uuid</b> <i>required</i>		string

*Responses*

Code	Description	Links
200	SUCCESS - Fetch event history  <i>Content</i> <b>application/json</b>	No Links

Code	Description	Links
400	BAD REQUEST - One or more required parameters is or are null, empty or in wrong format.  <i>Content</i> <b>application/json</b>	No Links
401	FAILED - No access or not found  <i>Content</i> <b>application/json</b>	No Links

# Components

## Schemas

### AcknowledgeAlarmDevicesStatusRequest

#### Properties

Name	Description	Schema
deviceUuids <i>optional</i>		< string > array

### AcknowledgeAlarmDevicesStatusResponse

#### Properties

Name	Description	Schema
alarmResult <i>optional</i>		object
partialSuccess <i>optional</i>		boolean

### AcknowledgeTamperedDevicesStatusRequest

#### Properties

Name	Description	Schema
deviceUuids <i>optional</i>		< string > array

### AcknowledgeTamperedDevicesStatusResponse

#### Properties

Name	Description	Schema
acknowledgeResult <i>optional</i>		object
partialSuccess <i>optional</i>		boolean

## AcknowledgeableDevicesDto

### Properties

Name	Description	Schema
deviceCount <i>optional</i>		integer (int64)

## CreateDeviceRequest

### Properties


Name	Description	Schema
deviceId <i>optional</i>		string
nodeRef <i>optional</i>		string

## CreateDeviceResponse

### Properties

Name	Description	Schema
batteryLevel <i>optional</i>		number
batteryState <i>optional</i>		enum (ERROR,WARNING,ACTIVE)
cityRef <i>optional</i>		string
companyRef <i>optional</i>		string
countryRef <i>optional</i>		string
createdBy <i>optional</i>		string
createdByEmail <i>optional</i>		string

<b>Name</b>	<b>Description</b>	<b>Schema</b>
createdDate <i>optional</i>		integer (int64)
deviceId <i>optional</i>		string
deviceType <i>optional</i>		enum (UNKNOWN,R WM,EIRC,THS, SWAN,OMS02, OMS03,OMS04, OMS06,OMS07, OMS08)
firmwareVersi on <i>optional</i>		string
lastAlarmDate <i>optional</i>		string (date- time)
lastGeneratedR eportDate <i>optional</i>		string (date- time)
lastHeartbeatD ate <i>optional</i>		string (date- time)
nodeName <i>optional</i>		string
nodeParents <i>optional</i>		string
nodeRef <i>optional</i>		string
parentUuid <i>optional</i>		string
signalLevel <i>optional</i>		enum (EXCELLENT,G OOD,WEAK,RE SERVED)
status <i>optional</i>		enum (ACTIVE,WAR NING,ERROR,D ECOMMISSION ED)

Name	Description	Schema
statusReason <i>optional</i>		enum (PREREGISTER, REGISTER, DECOMMISSION, OK, ALARM, SIREN_MALFUNCTION, INACTIVE, NOT_REPORTING, APPROACHING_END_OF_LIFE, BATTERY_VOLTAGE, ROOM_TEMPERATURE_LOW, ROOM_TEMPERATURE_HIGH, ENVIRONMENT_OBSTACLES, SMOKE_CHAMBER, SMOKE_OPENINGS, TAMPERED, DECOMMISSIONED, ACKNOWLEDGED, ALARM_ACKNOWLEDGED, MULTIPLE_ALARM_ACKNOWLEDGED, WATCHDOG_RESET, MULTIPLE_WATCHDOG_ACKNOWLEDGED, MOTION_ALARM, MOTION, BUTTON_PRESS, PARAMETER_RECEIVED, PARAMETER_ERROR, UPDATE_START, UPDATE_ERROR)
uuid <i>optional</i>		string

## DecommissionDevicesStatusRequest

### Properties

Name	Description	Schema
deviceUuids <i>optional</i>		< string > array

## DecommissionDevicesStatusResponse

### Properties

Name	Description	Schema
decommission Result <i>optional</i>		object
partialSuccess <i>optional</i>		boolean

## DeviceCountInfo

### Properties

Name	Description	Schema
name <i>optional</i>		string
numberOfDevi ces <i>optional</i>		integer (int32)
uuid <i>optional</i>		string

## DeviceDto

### Properties


Name	Description	Schema
batteryLevel <i>optional</i>		number
batteryState <i>optional</i>		enum (ERROR,WARN ING,ACTIVE)
cityRef <i>optional</i>		string
companyRef <i>optional</i>		string
countryRef <i>optional</i>		string



Name	Description	Schema
createdBy <i>optional</i>		string
createdByEmail <i>optional</i>		string
createdDate <i>optional</i>		integer (int64)
deletedBy <i>optional</i>		string
deletedDate <i>optional</i>		integer (int64)
deviceId <i>optional</i>		string
deviceType <i>optional</i>		enum (UNKNOWN,RWM,EIRC,THS,SWAN,OMS02,OMS03,OMS04,OMS06,OMS07,OMS08)
firmwareVersion <i>optional</i>		string
lastAlarmDate <i>optional</i>		string (date-time)
lastGeneratedReportDate <i>optional</i>		string (date-time)
lastHeartbeatDate <i>optional</i>		string (date-time)
lastModifiedBy <i>optional</i>		string
lastModifiedDate <i>optional</i>		integer (int64)
logicallyDeleted <i>optional</i>		boolean
nodeName <i>optional</i>		string
nodeParents <i>optional</i>		string
nodeRef <i>optional</i>		string

Name	Description	Schema
parentUuid <i>optional</i>		string
signalLevel <i>optional</i>		enum (EXCELLENT,G OOD,WEAK,RE SERVED)
status <i>optional</i>		enum (ACTIVE,WAR NING,ERROR,D ECCOMMISSION ED)



Name	Description	Schema
statusReason <i>optional</i>		enum (PREREGISTER, REGISTER,DEC OMMISSION,O K,ALARM,SIRE N_MALFUNCTI ON,INACTIVE, NOT_REPORTI NG,APPROACH ING_END_OF_L IFE,BATTERY_ VOLTAGE,ROO M_TEMPERAT URE_LOW,ROO M_TEMPERAT URE_HIGH,EN VIRONMENT_O BSTACLES,SM OKE_CHAMBE R,SMOKE_OPE NINGS,TAMPE RED,DECOMMI SSIONED,ACKN OWLEDGED,A LARM_ACKNO WLEDGED,MU LTIPLER_ALAR M_ACKNOWLE DGED,WATCH DOG_RESET,M ULTIPLER_WAT CHDOG_ACKN OWLEDGED,M OTION_ALARM ,MOTION,BUTT ON_PRESS,PAR AMETER_RECE IVED,PARAME TER_ERROR,UP DATE_START,U PDATE_ERROR)
uuid <i>optional</i>		string

## DeviceEventsSummaryDto

### Properties

Name	Description	Schema
alarm <i>required</i>		integer (int64)
alarmAcknowledged <i>optional</i>		integer (int64)
createdDate <i>optional</i>		string (date-time)
environmentObstacles <i>optional</i>		integer (int64)
motion <i>optional</i>		integer (int64)
motionAlarm <i>optional</i>		integer (int64)
notReporting <i>optional</i>		integer (int64)
smokeOpenings <i>optional</i>		integer (int64)
tampered <i>optional</i>		integer (int64)

## DeviceHeartbeatsEventsResponse

### Properties

Name	Description	Schema
device <i>optional</i>		<a href="#">DeviceDto</a>
deviceEventsSummary <i>optional</i>		<a href="#">DeviceEventsSummaryDto</a>
heartbeatEvents <i>optional</i>		<a href="#">PageHeartbeatEventDto</a>
lastAlarm <i>optional</i>		<a href="#">HeartbeatEventDto</a>
lastEvent <i>optional</i>		<a href="#">HeartbeatEventDto</a>
permissions <i>optional</i>	<i>unique items</i>	< string > array

## DeviceIdentificationResponse

### Properties


Name	Description	Schema
deviceId <i>optional</i>		string
deviceUuid <i>optional</i>		string

## DeviceWithDescendantsDto

### Properties

Name	Description	Schema
batteryLevel <i>optional</i>		number
batteryState <i>optional</i>		enum (ERROR,WARNING,ACTIVE)
children <i>optional</i>		< <a href="#">DeviceDto</a> > array
cityRef <i>optional</i>		string
companyRef <i>optional</i>		string
countryRef <i>optional</i>		string
createdBy <i>optional</i>		string
createdByEmail <i>optional</i>		string
createdDate <i>optional</i>		integer (int64)
deletedBy <i>optional</i>		string
deletedDate <i>optional</i>		integer (int64)
deviceId <i>optional</i>		string

<b>Name</b>	<b>Description</b>	<b>Schema</b>
deviceType <i>optional</i>		enum (UNKNOWN,R WM,EIRC,THS, SWAN,OMS02, OMS03,OMS04, OMS06,OMS07, OMS08)
firmwareVersi on <i>optional</i>		string
lastAlarmDate <i>optional</i>		string (date- time)
lastGeneratedR eportDate <i>optional</i>		string (date- time)
lastHeartbeatD ate <i>optional</i>		string (date- time)
lastModifiedBy <i>optional</i>		string
lastModifiedDa te <i>optional</i>		integer (int64)
logicallyDelete d <i>optional</i>		boolean
nodeName <i>optional</i>		string
nodeParents <i>optional</i>		string
nodeRef <i>optional</i>		string
parentUuid <i>optional</i>		string
signalLevel <i>optional</i>		enum (EXCELLENT,G OOD,WEAK,RE SERVED)
status <i>optional</i>		enum (ACTIVE,WAR NING,ERROR,D ECOMMISSION ED)

Name	Description	Schema
statusReason <i>optional</i>		enum (PREREGISTER, REGISTER, DECOMMISSION, OK, ALARM, SIREN_MALFUNCTION, INACTIVE, NOT_REPORTING, APPROACHING_END_OF_LIFE, BATTERY_VOLTAGE, ROOM_TEMPERATURE_LOW, ROOM_TEMPERATURE_HIGH, ENVIRONMENT_OBSTACLES, SMOKE_CHAMBER, SMOKE_OPENINGS, TAMPERED, DECOMMISSIONED, ACKNOWLEDGED, ALARM_ACKNOWLEDGED, MULTIPLE_ALARM_ACKNOWLEDGED, WATCHDOG_RESET, MULTIPLE_WATCHDOG_ACKNOWLEDGED, MOTION_ALARM, MOTION, BUTTON_PRESS, PARAMETER_RECEIVED, PARAMETER_ERROR, UPDATE_START, UPDATE_ERROR)
uuid <i>optional</i>		string

## ForceCreateDeviceRequest

### Properties

Name	Description	Schema
buildingRef <i>optional</i>		string
cityRef <i>optional</i>		string
companyRef <i>optional</i>		string
countryRef <i>optional</i>		string
deviceId <i>optional</i>		string
nodeName <i>optional</i>		string
nodeParents <i>optional</i>		string
nodeRef <i>optional</i>		string
type <i>optional</i>		enum (UNKNOWN,R WM,EIRC,THS, SWAN,OMS02, OMS03,OMS04, OMS06,OMS07, OMS08)

## HeartbeatEventDto

### Properties

Name	Description	Schema
alarmType <i>optional</i>		string
batteryLevel <i>optional</i>		number
createdBy <i>optional</i>		string
createdByEmail <i>optional</i>		string



Name	Description	Schema
createdDate <i>optional</i>		integer (int64)
deletedBy <i>optional</i>		string
deletedDate <i>optional</i>		integer (int64)
deviceType <i>optional</i>		enum (UNKNOWN,R WM,EIRC,THS, SWAN,OMS02, OMS03,OMS04, OMS06,OMS07, OMS08)
deviceUuid <i>optional</i>		string
eventType <i>optional</i>		string
firmwareVersion <i>optional</i>		string
heartbeatUuid <i>optional</i>		string
humidity <i>optional</i>		number
lastModifiedBy <i>optional</i>		string
lastModifiedDate <i>optional</i>		integer (int64)
logicallyDeleted <i>optional</i>		boolean
maintenanceStatus <i>optional</i>		string
parentUuid <i>optional</i>		string
roomTemperature <i>optional</i>		number
status <i>optional</i>		enum (ACTIVE,WAR NING,ERROR,D ECOMMISSION ED)

Name	Description	Schema
statusReason <i>optional</i>		enum (PREREGISTER, REGISTER, DECOMMISSION, OK, ALARM, SIREN_MALFUNCTION, INACTIVE, NOT_REPORTING, APPROACHING_END_OF_LIFE, BATTERY_VOLTAGE, ROOM_TEMPERATURE_LOW, ROOM_TEMPERATURE_HIGH, ENVIRONMENT_OBSTACLES, SMOKE_CHAMBER, SMOKE_OPENINGS, TAMPERED, DECOMMISSIONED, ACKNOWLEDGED, ALARM_ACKNOWLEDGED, MULTIPLE_ALARM_ACKNOWLEDGED, WATCHDOG_RESET, MULTIPLE_WATCHDOG_ACKNOWLEDGED, MOTION_ALARM, MOTION, BUTTON_PRESS, PARAMETER_RECEIVED, PARAMETER_ERROR, UPDATE_START, UPDATE_ERROR)
temperature <i>optional</i>		number
timestamp <i>optional</i>		integer (int64)

Name	Description	Schema
uuid <i>optional</i>		string

## LupusErrorPayloadResponse

### Properties

Name	Description	Schema
action <i>optional</i>		string
detailsURL <i>optional</i>		string
error <i>optional</i>		<a href="#">LupusRestApiError</a>
success <i>optional</i>		boolean
timestamp <i>optional</i>		string

## LupusRestApiError

### Properties

Name	Description	Schema
attributes <i>optional</i>		object
code <i>optional</i>		string
message <i>optional</i>		string
userMessage <i>optional</i>		string

## PageDeviceDto

### Properties

Name	Description	Schema
content <i>optional</i>		< <a href="#">DeviceDto</a> > array
empty <i>optional</i>		boolean
first <i>optional</i>		boolean
last <i>optional</i>		boolean
number <i>optional</i>		integer (int32)

Name	Description	Schema
numberOfElements <i>optional</i>		integer (int32)
pageable <i>optional</i>		<a href="#">PageableObject</a>
size <i>optional</i>		integer (int32)
sort <i>optional</i>		<a href="#">SortObject</a>
totalElements <i>optional</i>		integer (int64)
totalPages <i>optional</i>		integer (int32)

## PageHeartbeatEventDto

### Properties

Name	Description	Schema
content <i>optional</i>		< <a href="#">HeartbeatEventDto</a> > array
empty <i>optional</i>		boolean
first <i>optional</i>		boolean
last <i>optional</i>		boolean
number <i>optional</i>		integer (int32)
numberOfElements <i>optional</i>		integer (int32)
pageable <i>optional</i>		<a href="#">PageableObject</a>
size <i>optional</i>		integer (int32)
sort <i>optional</i>		<a href="#">SortObject</a>
totalElements <i>optional</i>		integer (int64)
totalPages <i>optional</i>		integer (int32)

## PageableObject

### Properties

Name	Description	Schema
offset <i>optional</i>		integer (int64)
pageNumber <i>optional</i>		integer (int32)
pageSize <i>optional</i>		integer (int32)
paged <i>optional</i>		boolean
sort <i>optional</i>		<a href="#">SortObject</a>
unpaged <i>optional</i>		boolean

## PersonalDevicesPerAccount

### Properties

Name	Description	Schema
companyDevices <i>optional</i>		<a href="#">DeviceCountInfo</a>
nrOfCompanyDevices <i>optional</i>		integer (int32)
nrOfPersonalDevices <i>optional</i>		integer (int32)
personalDevices <i>optional</i>		< <a href="#">DeviceCountInfo</a> > array
totalDevices <i>optional</i>		integer (int32)

## PreregisterDeviceRequest

### Properties

Name	Description	Schema
deviceId <i>optional</i>		string
deviceType <i>optional</i>		string
encrypted <i>optional</i>		boolean
key <i>optional</i>		string

Name	Description	Schema
nodeRef <i>optional</i>		string
parentId <i>optional</i>		string

## SortObject

### Properties

Name	Description	Schema
empty <i>optional</i>		boolean
sorted <i>optional</i>		boolean
unsorted <i>optional</i>		boolean



# Reports REST APIs

## Overview

REST APIs that will expose reporting functionalities

## Paths

### GET

**`/api/v1/reports/downloadReport/{locale}/{deviceId}`**

**Manually generate and download the report for a device**

#### Parameters

Type	Name	Description	Schema
path	<b>deviceId</b> <i>required</i>		string
query	<b>start</b> <i>optional</i>		integer (int64)
query	<b>end</b> <i>optional</i>		integer (int64)
path	<b>locale</b> <i>required</i>		string

#### Responses

Code	Description	Links
200	SUCCESS - Generate device report	No Links
400	BAD REQUEST - One or more required parameters is or are null, empty or in wrong format.  <i>Content</i> /	No Links

**GET****`/api/v1/reports/downloadReports/{locale}/{nodeType}/{nodeUuid}` Download reports for a node (building, node)**

Generate Device report

*Parameters*

Type	Name	Description	Schema
query	<b>start</b> <i>optional</i>		integer (int64)
query	<b>end</b> <i>optional</i>		integer (int64)
path	<b>locale</b> <i>required</i>		string
path	<b>nodeType</b> <i>required</i>		enum (BUILDING,NODE)
path	<b>nodeUuid</b> <i>required</i>		string

*Responses*

Code	Description	Links
200	SUCCESS - Generate device report	No Links
400	BAD REQUEST - One or more required parameters is or are null, empty or in wrong format.  <i>Content</i> /	No Links

**`POST /api/v1/reports/generateReport` Business - Reports - Reports API - Generate Device report.**

Generate Device report

*Responses*

Code	Description	Links
201	CREATED - Generate device report	No Links
400	BAD REQUEST - One or more required parameters is or are null, empty or in wrong format.  <i>Content</i> <b>application/json</b>	No Links



# GET /api/v1/reports/ping

## Responses

Code	Description	Links
200	OK  <i>Content</i> text/html	No Links

## Components

### Schemas

#### DeviceReportMessage

##### Properties

Name	Description	Schema
companyUuid <i>optional</i>		string
decommissionedDate <i>optional</i>		string (date-time)
deviceId <i>optional</i>		string
deviceLocation City <i>optional</i>		string
deviceLocation Country <i>optional</i>		string
deviceUuid <i>optional</i>		string
expiryDate <i>optional</i>		string (date-time)
installationDate <i>optional</i>		string (date-time)
nodeParents <i>optional</i>		string
nodeRef <i>optional</i>		string

Name	Description	Schema
previousGeneratedDate <i>optional</i>		string (date-time)
reportReason <i>optional</i>		enum (DECOMMISSIONED,ANNUALLY)

## LupusErrorPayloadResponse

### Properties

Name	Description	Schema
action <i>optional</i>		string
detailsURL <i>optional</i>		string
error <i>optional</i>		<a href="#">LupusRestApiError</a>
success <i>optional</i>		boolean
timestamp <i>optional</i>		string

## LupusRestApiError

### Properties

Name	Description	Schema
attributes <i>optional</i>		object
code <i>optional</i>		string
message <i>optional</i>		string
userMessage <i>optional</i>		string

# Event notifications APIs

## Overview

REST APIs that will expose all notification related functionalities

## Tags

### Event notifications APIs

REST APIs that will expose all notification related functionalities

## Paths

**GET /api/v1/notifications** Retrieve all notifications of all types for the current user

### Parameters

Type	Name	Description	Schema
query	size <i>optional</i>		integer (int32)
query	page <i>optional</i>		integer (int32)
query	notification Type <i>optional</i>		enum (SMS,EMAIL,PUSH,WEB_SOCKET,SIA)

### Responses

Code	Description	Links
200	SUCCESS - Marked all notifications  <i>Content</i> <b>application/json</b>	No Links
400	BAD REQUEST - One or more required parameters is or are null, empty or in wrong format.  <i>Content</i> <b>application/json</b>	No Links

## **GET /api/v1/notifications/markAllUnreadAsRead** Mark all unread notifications as read

### Responses

Code	Description	Links
200	SUCCESS - Marked all read	No Links
400	BAD REQUEST - One or more required parameters is or are null, empty or in wrong format.  <i>Content</i> <b>application/json</b>	No Links

## **PUT /api/v1/notifications/markAsReadNotifications** Mark notifications as read

### Parameters

Type	Name	Description	Schema
header	ACCOUNT_UID <i>required</i>		string

### Responses

Code	Description	Links
200	SUCCESS - Mark notifications as read	No Links
400	BAD REQUEST - One or more required parameters is or are null, empty or in wrong format.  <i>Content</i> <b>application/json</b>	No Links

## **GET /api/v1/notifications/ping**

### Responses

Code	Description	Links
200	OK  <i>Content</i> <b>text/html</b>	No Links

## **GET /api/v1/notifications/push** Retrieve push notifications for the current user

Retrieve push notifications for the current user. 'page' and 'size' can be specified as request params

### Parameters

Type	Name	Description	Schema
query	<b>size</b> <i>optional</i>		integer (int32)
query	<b>page</b> <i>optional</i>		integer (int32)

### Responses

Code	Description	Links
200	SUCCESS - Retrieve notifications  <i>Content</i> <b>application/json</b>	No Links
400	BAD REQUEST - One or more required parameters is or are null, empty or in wrong format.  <i>Content</i> <b>application/json</b>	No Links

## **GET /api/v1/notifications/unreadCount** Retrieve count of unread notifications for current user

### Responses

Code	Description	Links
200	SUCCESS - Retrieve notification count  <i>Content</i> <b>application/json</b>	No Links
400	BAD REQUEST - One or more required parameters is or are null, empty or in wrong format.  <i>Content</i> <b>application/json</b>	No Links

# **GET /api/v1/notifications/ws** Retrieve websocket notifications for the current user

Retrieve websocket notifications for the current user. 'page' and 'size' can be specified as request params

## Parameters

Type	Name	Description	Schema
query	size <i>optional</i>		integer (int32)
query	page <i>optional</i>		integer (int32)

## Responses

Code	Description	Links
200	SUCCESS - Retrieve notifications  <i>Content</i> <b>application/json</b>	No Links
400	BAD REQUEST - One or more required parameters is or are null, empty or in wrong format.  <i>Content</i> <b>application/json</b>	No Links

## Components

### Schemas

#### AccountDataDeletionRequest


##### Properties

Name	Description	Schema
accountUuid <i>optional</i>		string
taskName <i>optional</i>		string

#### EventQueueDto

##### Properties

<b>Name</b>	<b>Description</b>	<b>Schema</b>
byAutomation <i>optional</i>		boolean
customAttributes <i>optional</i>		object
notificationGroup <i>optional</i>		enum (PLATFORM,ALARMS,MOTION_ALARMS,REPORTS)
parentsUuids <i>optional</i>		string
resourceType <i>optional</i>		enum (COMPANY,BUILDING,NODE,DEVICE,TASK)
resourceUuid <i>optional</i>		string
triggeredByAccountUuid <i>optional</i>		string



Name	Description	Schema
type <i>optional</i>		enum (OWNERSHIP_TRANSFER_IN VITE,OWNERSHIP_TRANSFE R_ACCEPTED,OWNERSHIP_TR ANSFER_REJEC TED,OWNERSHIP_TRANSFE R_EXPIRED,DE LETE_DEVICE,I NSTALL_DEVIC E,PRIVATE_DE VICES_DECOM MISSIONED,DE VICE_DECOMM SSIONED,FIRE _ALARM_DEVI CE,ALERT_DEV ICE,WARNING_ DEVICE,DEVIC E_ACKNOWLE DGED,MOTION _ALARM_DEVI CE,MOTION,DE VICE_STATUS,S HARED_PERMI SSIONS_INVIT E,SHARED_PER MISSIONS_ACC EPTED,SHARE D_PERMISSION S_REJECTED,PE RMISSION_CH ANGED,PERMI SSION_REVOK ED,BUILDING_ IMPORTED,BUI LDING_DELET ED,NODE_ADD ED,NODE_DEL ETED,NODE_A RMED,NODE_D ISARMED,NOD E_REGISTRATI



## LupusErrorPayloadResponse

### Properties

Name	Description	Schema
action <i>optional</i>		string
detailsURL <i>optional</i>		string
error <i>optional</i>		<a href="#">LupusRestApiError</a>
success <i>optional</i>		boolean
timestamp <i>optional</i>		string

## LupusRestApiError

### Properties

Name	Description	Schema
attributes <i>optional</i>		object
code <i>optional</i>		string
message <i>optional</i>		string
userMessage <i>optional</i>		string

## MarkAsReadNotificationsRequest

### Properties

Name	Description	Schema
uuids <i>optional</i>		< string > array

## NotificationHistoryDto

### Properties

Name	Description	Schema
accountUuid <i>optional</i>		string
createdDate <i>optional</i>		string (date-time)

Name	Description	Schema
destination <i>optional</i>		string
detailedMessage <i>optional</i>		string



Name	Description	Schema
eventType <i>optional</i>		enum (OWNERSHIP_TRANSFER_IN VITE,OWNERSHIP_TRANSFE R_ACCEPTED,OWNERSHIP_TR ANSFER_REJECTED,OWNERS HIP_TRANSFE R_EXPIRED,DE LETE_DEVICE,I NSTALL_DEVIC E,PRIVATE_DE VICES_DECOM MISSIONED,DE VICE_DECOMM ISSIONED,FIRE _ALARM_DEVI CE,ALERT_DEV ICE,WARNING_ DEVICE,DEVIC E_ACKNOWLE DGED,MOTION _ALARM_DEVI CE,MOTION,DE VICE_STATUS,S HARED_PERMI SSIONS_INVIT E,SHARED_PER MISSIONS_ACC EPTED,SHARE D_PERMISSION S_REJECTED,PE RMISSION_CH ANGED,PERMI SSION_REVOK ED,BUILDING_ IMPORTED,BUI LDING_DELET ED,NODE_ADD ED,NODE_DEL ETED,NODE_A RMED,NODE_D ISARMED,NOD E_REGISTRATI

Name	Description	Schema
group <i>optional</i>		enum (PLATFORM,ALARMS,MOTION_ALARMS,REPORTS)
modifiedResourceUuid <i>optional</i>		string
read <i>optional</i>		boolean
resourceType <i>optional</i>		enum (COMPANY,BUILDING,NODE,DEVICE,TASK)
resourceUuid <i>optional</i>		string
status <i>optional</i>		enum (SENT,SENT_FAILED,SENT_AND_RECIEVED,SCHEDULED,ABORTED)
summaryMessage <i>optional</i>		string
type <i>optional</i>		enum (SMS,EMAIL,PUSH,WEB_SOCKET,SIA)
uuid <i>optional</i>		string

## NotificationResponseDto

### Properties

Name	Description	Schema
createdDate <i>optional</i>		string (datetime)
destination <i>optional</i>		string
detailedMessage <i>optional</i>		string

Name	Description	Schema
eventType <i>optional</i>		enum (OWNERSHIP_TRANSFER_IN VITE,OWNERSHIP_TRANSFE R_ACCEPTED,OWNERSHIP_TR ANSFER_REJECTED,OWNERS HIP_TRANSFE R_EXPIRED,DELETE_DEVICE,I NSTALL_DEVICE,PRIVATE_DE VICES_DECOM MISSIONED,DE VICE_DECOMM ISSIONED,FIRE _ALARM_DEVI CE,ALERT_DEV ICE,WARNING_ DEVICE,DEVIC E_ACKNOWLE DGED,MOTION _ALARM_DEVI CE,MOTION,DE VICE_STATUS,S HARED_PERMI SSIONS_INVIT E,SHARED_PER MISSIONS_ACC EPTED,SHARE D_PERMISSION S_REJECTED,PE RMISSION_CH ANGED,PERMI SSION_REVOK ED,BUILDING_ IMPORTED,BUI LDING_DELET ED,NODE_ADD ED,NODE_DEL ETED,NODE_A RMED,NODE_D ISARMED,NOD E_REGISTRATI

Name	Description	Schema
read <i>optional</i>		boolean
resourceType <i>optional</i>		enum (COMPANY,BUILDING,NODE,DEVICE,TASK)
resourceUuid <i>optional</i>		string
status <i>optional</i>		enum (SENT,SEND_FAILED,SENT_AND_RECIEVED,SCHEDULED,ABORTED)
type <i>optional</i>		enum (SMS,EMAIL,PUSH,WEB_SOCKET,SIA)
uuid <i>optional</i>		string

## NotificationUnreadCountDto

### Properties

Name	Description	Schema
actionsCount <i>optional</i>		integer (int64)
unreadCount <i>optional</i>		integer (int64)

## PageNotificationHistoryDto

### Properties

Name	Description	Schema
content <i>optional</i>		< <a href="#">NotificationHistoryDto</a> > array
empty <i>optional</i>		boolean
first <i>optional</i>		boolean
last <i>optional</i>		boolean
number <i>optional</i>		integer (int32)

Name	Description	Schema
numberOfElements <i>optional</i>		integer (int32)
pageable <i>optional</i>		<a href="#">PageableObject</a>
size <i>optional</i>		integer (int32)
sort <i>optional</i>		<a href="#">SortObject</a>
totalElements <i>optional</i>		integer (int64)
totalPages <i>optional</i>		integer (int32)

## PageableObject

### Properties

Name	Description	Schema
offset <i>optional</i>		integer (int64)
pageNumber <i>optional</i>		integer (int32)
pageSize <i>optional</i>		integer (int32)
paged <i>optional</i>		boolean
sort <i>optional</i>		<a href="#">SortObject</a>
unpaged <i>optional</i>		boolean

## SortObject

### Properties

Name	Description	Schema
empty <i>optional</i>		boolean
sorted <i>optional</i>		boolean
unsorted <i>optional</i>		boolean