

chirpstack.iotserv.ru:

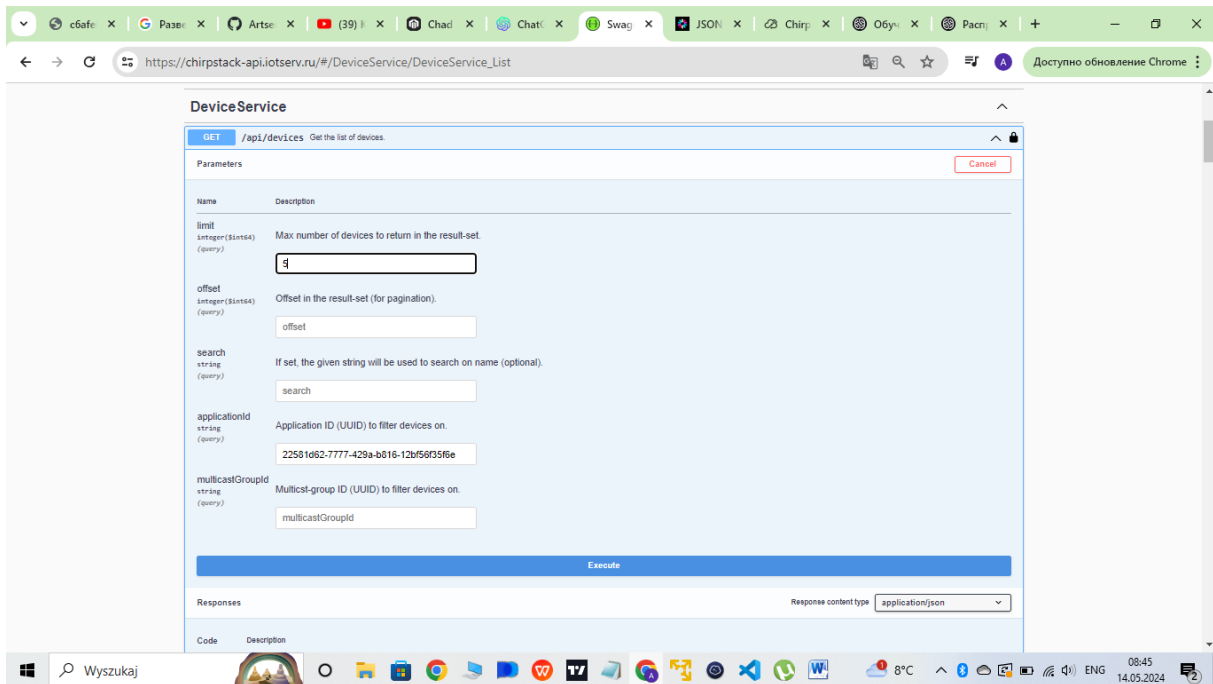
The screenshot shows the ChirpStack web interface in a browser. The URL is <https://chirpstack.iotserv.ru/#/tenants/1190b62a-39f6-473b-8899-08fea437b3ba>. The interface has a sidebar on the left with a search bar and a menu including: GB_IoT_Tenant, Network Server, Regions, Tenant, Dashboard (selected), Users, API Keys, Device Profiles, Gateways, and Applications. The main content area is titled 'Tenants / GB_IoT_Tenant' and shows the tenant ID '1190b62a-39f6-473b-8899-08fea437b3ba'. Below this, there are three tabs: 'Dashboard' (selected) and 'Configuration'. The 'Dashboard' tab contains three widgets: 'Active devices' with a donut chart showing 100% Active (green), 'Active gateways' showing 'No data' with a printer icon, and 'Device data-rate usage' with a donut chart showing 100% DR5 (green). The bottom of the screen shows a Windows taskbar with various application icons and system status (8°C, 14.05.2024).

jwt.io:

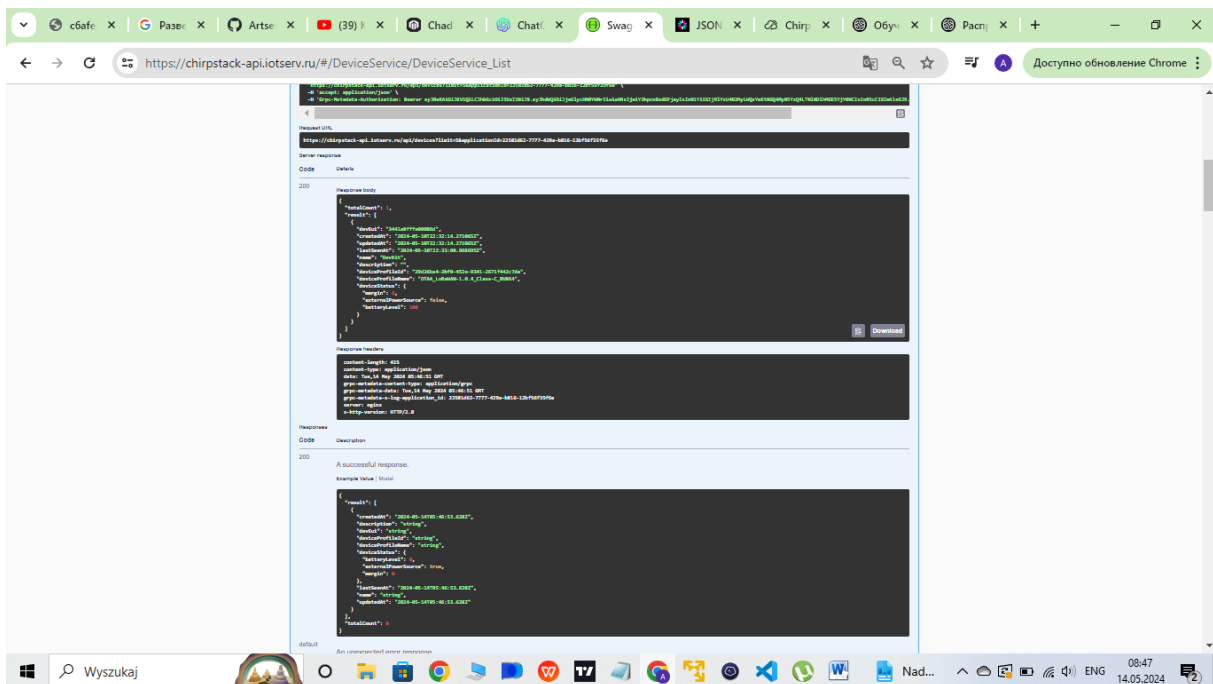
The screenshot shows the jwt.io website in a browser. The URL is <https://jwt.io>. The page has a dark header with the JWT logo, links for Debugger, Libraries, Introduction, and Ask, and a note 'Crafted by Auth0 by Okta'. The main content area is split into 'Encoded' and 'Decoded' sections. The 'Encoded' section has a text area with the token: `eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJhdWQiOiJjaGlycHN0YWNrIiwiaXNzIjoia2hpcnBzdGFjayIsInN1YiI6IjRlYzU4N2MyLWQzYmEtNGQ4My05YzQ4LTNlND1hMGE5YjY0NCIsInR5cCI6ImtleSJ9.V_ds1eZdiaEYBHC3u3L_H5xwQAZAo_r1T3xEIixPnqdw`. The 'Decoded' section shows the token's structure: 'HEADER: ALGORITHM & TOKEN TYPE' with `{ "typ": "JWT", "alg": "HS256" }`; 'PAYLOAD: DATA' with `{ "aud": "chirpstack", "iss": "chirpstack", "sub": "4ec587c2-d3b8-4083-9c48-3e4980890644", "typ": "key" }`; and 'VERIFY SIGNATURE' with the formula `HMACSHA256(base64UrlEncode(header) + "." +` . The bottom of the screen shows a Windows taskbar with various application icons and system status (8°C, 14.05.2024).

chirpstack-api.iotserv.ru:

GET:



execute:



POST:

The screenshot shows a REST client interface with a POST request to `/api/devices`. The request body is a JSON object representing a device. The interface includes a 'Parameters' section, a 'body' section with a 'required' status, and a 'Responses' section. The 'body' section contains a JSON object with the following structure:

```
{  "device": {    "applicationId": "22581d62-7777-429a-b816-12bf56f35fe6",    "description": "QVZ Test Device",    "devui": "11110000tttgb44",    "deviceProfileId": "29d2bba4-2bf8-452e-9341-2671f442c7da",    "isDisabled": false,    "joinId": "0000000000000000",    "name": "QVZ Test Device",    "skipIntCheck": false  }}
```

The 'Parameter content type' is set to `application/json`. The 'Execute' button is visible at the bottom of the request configuration area.

execute:

The screenshot shows the response of the POST request. The 'Responses' section is active, displaying the response body and headers. The response body is an empty JSON object `{}`. The response headers are as follows:

```
content-length: 2
content-type: application/json
date: Tue, 14 May 2024 06:29:06 GMT
grpc-metadata-content-type: application/grpc
grpc-metadata-date: Tue, 14 May 2024 06:29:06 GMT
grpc-metadata-e-log-env-mail: false
grpc-metadata-e-log-is-disabled: false
server: nginx
x-http-version: HTTP/2.0
```

The 'Request URL' is `https://chirpstack-api.iotserver.ru/api/devices`. The 'Server response' section shows the status code `200`.

PUT:

The screenshot shows a web browser window with the URL `https://chirpstack-api.iot.serv.ru/#/DeviceService/DeviceService_Update`. The browser's address bar and tabs are visible at the top. The main content area displays a REST client interface with the following details:

- Response content type:** `application/json`
- Request URL:** `https://chirpstack-api.iot.serv.ru/api/devices/fa43a8fffe000860`
- Server response:**
 - Code:** 200
 - Response body:** `{}`
 - Response headers:**

```
content-length: 2
content-type: application/json
date: Tue, 14 May 2024 12:52:07 GMT
grpc-metadata-content-type: application/grpc
grpc-metadata-date: Tue, 14 May 2024 12:52:07 GMT
grpc-metadata-x-log-dev-id: fa43a8fffe000860
grpc-metadata-x-log-is-disabled: false
server: nginx
x-http-version: HTTP/2.0
```

The bottom of the browser window shows the Windows taskbar with various application icons and the system clock indicating 15:54 on 14.05.2024.

results:

The screenshot shows the ChirpStack web application interface. The browser's address bar displays the URL `https://chirpstack.iot.serv.ru/#/tenants/1190b62a-39f6-473b-8899-08fea437b3ba/applications/22581d62-7777-429a-b816-12bf56f35f6e`. The page title is "GB_IoT_Application" with the application ID "22581d62-7777-429a-b816-12bf56f35f6e". A "Delete application" button is visible in the top right corner.

The left sidebar contains a navigation menu with the following items:

- GB_IoT_Tenant
- Network Server
- Regions
- Tenant
- Dashboard
- Users
- API Keys
- Device Profiles
- Gateways
- Applications

The main content area shows the "Devices" tab selected. It contains a table with the following columns: Last seen, DevEUI, Name, Device profile, and Battery. The table lists two devices:

Last seen	DevEUI	Name	Device profile	Battery
2024-05-11 01:33:08	3441a8fffe00086d	DevKit	OTAA_LoRaWAN-1.0.4_Class-C_RU864	
Never	fa43a8fffe000860	GVI Test Device	OTAA_LoRaWAN-1.0.4_Class-C_RU864	

The bottom of the browser window shows the Windows taskbar with various application icons and the system clock indicating 09:38 on 14.05.2024.

ChirpStack

Tenants / GB_IoT_Tenant / Applications / GB_IoT_Application

GB_IoT_Application application id: 22581d62-7777-429a-b816-12b56f35f6e

Delete application

Devices Multicast groups Relays Application configuration Integrations

Add device Selected devices

<input type="checkbox"/>	Last seen	DevEUI	Name	Device profile	Battery
<input type="checkbox"/>	2024-05-11 01:33:08	3441a8ffe00086d	DevKit	OTAA_LoRaWAN-1.0.4_Class-C_RU864	
<input type="checkbox"/>	Never	fa43a8ffe000860	GVI Test Device Swagger updated	OTAA_LoRaWAN-1.0.4_Class-C_RU864	

1 10 / page

DELETE:

Parameters

Name Description

devEui * required DevEUI (EUI64)

string (path)

fa43a8ffe000860

Execute Clear

Responses

Response content type application/json

Curl

```
curl -X 'DELETE' \
  'https://chirpstack-api.iotstack.ru/api/devices/fa43a8ffe000860' \
  -H 'accept: application/json' \
  -H 'Authorization: Bearer ey38KAI0L7WVQ1LC7M6c10137I1N139.ey3hd4Q10L7jaglycH8WVWp7Iw1aWz7jotY2hpcn8z6FjayIs7okN1Y1I61jK1YzU4NDpyLUQzYmE0Q0p4eS9zQ4L7N1NDI1MGE5YjVWNC1sInR5CT6ter1e539.'
```

Request URL

https://chirpstack-api.iotstack.ru/api/devices/fa43a8ffe000860

Server response

Code Details

200

Response body

{}

Response headers

Download

ChirpStack

Search...

gb@iot.ru

GB_IoT_Tenant

Network Server

Regions

Tenant

Dashboard

Users

API Keys

Device Profiles

Gateways

Applications

Tenants / GB_IoT_Tenant / Applications / GB_IoT_Application

GB_IoT_Application application id: 22581d62-7777-429a-b816-12b56f35f6e

Delete application

Devices Multicast groups Relays Application configuration Integrations

Add device Selected devices

<input type="checkbox"/>	Last seen	DevEUI	Name	Device profile	Battery
<input type="checkbox"/>	2024-05-11 01:33:08	3441a8fffe00086d	DevKit	OTAA_LoRaWAN-1.0.4_Class-C_RU864	

1 10 / page

Wyszukaj

15:57 14.05.2024

Post2:

POST /api/devices/{queueItem.devEui}/queue Enqueue adds the given item to the downlink queue.

Parameters

Cancel

Name Description

queueItem.devEui * required Device EUI (EUI64)

string (path)

3441a8fffe00086d

body * required

object (body)

Edit Value | Model

```
{  "queueItem": {    "data": "VGZdC8tZXNzYm1lIGZyb28gQ0F3",    "port": 11  } }
```

Cancel

Parameter content type

application/json

Execute Clear

Wyszukaj

17:19 14.05.2024

