

# Dataportal API Documentation

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# Overview

The Dataportal Rest API enables users to send data into the system Gagnaskilakerfi (GSK) Seðlabanka Íslands.

## Using the API

Initially users have to login using the authenticate method of the API to obtain authentication token. This Bearer token returned from API is then used in the HTTP Header for other protected resources of the API.

Token expires 8 hours after authentication.

Here you can try out and play with the API using Swagger:

- PROD environment <https://api.sedlabanki.is/dataportal/swagger/index.html>
- TEST environment <https://api-test.sedlabanki.is/dataportal/swagger/index.html>

Base URL's for Dataportal API

Environment	URL
Test	<a href="https://api-test.sedlabanki.is/dataportal">https://api-test.sedlabanki.is/dataportal</a>
Prod	<a href="https://api.sedlabanki.is/dataportal">https://api.sedlabanki.is/dataportal</a>

# Methods

## Authenticate (POST: dataportal/authenticate)

Used to authenticate the user with the system and obtain the authentication token. Token also returned in http only cookie.

### URL

```
POST
https://api.sedlabanki.is/dataportal/authenticate
```

### Request

#### Parameters

Type	Description	Data type	Type	Required
username	Username of the user logging in	string	body	•
password	Password of the user logging in	string	body	•
ssn	Social security number of the report party	string	body	•

### JSON request example

```
{
  "username": "username",
  "password": "password",
  "ssn": "ssn",
}
```

## Response

### HTTP status codes

- 200. OK
- 400. Bad Request
- 401. Unauthorized
- 403. Forbidden
- 404. Not found
- 429. Too many requests
- 500. Internal Server Error

HTTP: 200. OK

Name	Description	Data type
id	User id	int
username	Username of the reporting party	string
token	Authentication token	string
ssn	Social security number of the reporting party	string
email	email of the reporting party	string
partyList	List of reporting party members. PartyName, PartySSN and boolean value indicating if user is admin or not	object

### JSON example response

```
{  
  "id": "1234567890",  
  "username": "Jon_Jonsson",  
  "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ.....",  
  "ssn": "1234567890",  
  "email": "jonjonsson@fyirtaeki.is"  
  "partyList": [{"partyName": "Banki", "partySsn": "1234567890", "isAdmin": true}]  
}
```

## Logout(POST: dataportal/logout)

Used remove http only cookie that includes authentication token

### URL

```
POST https://api.sedlabanki.is/dataportal/logout
```

### Response

#### HTTP status codes

- 200. OK
- 400. Bad Request
- 401. Unauthorized
- 403. Forbidden
- 429. Too many requests
- 500. Internal Server Error

HTTP: 200. OK

Name	Description	Data type
statusCode	Return code	int
statusMessage	Return message	string

#### JSON example response

```
{  
  "statusCode": "200",  
  "statusMessage": "Logout successful",  
}
```

## Templates (GET: dataportal/templates)

Used to get templates for user.

### URL

```
GET  
https://api.sedlabanki.is/dataportal/templates
```

### Request

#### Parameters

Name	Description	Data type	Type	Required
token	Authentication token	string	header	•
ssn	Social security number (kennitala) of the reporting party	string	parameter	•

### Request example

```
GET  
https://api.sedlabanki.is/dataportal/templates?ssn=1234567890
```

### Response

#### HTTP status codes

- 200. OK
- 400. Bad Request
- 401. Unauthorized
- 403. Forbidden
- 404. Not found
- 429. Too many requests
- 500. Internal Server Error

HTTP: 200. OK

Name	Description	Data type
templateId	Template Id	string
reportName	Name of the report	string
nextDeliveryDate	Next due date	Date
lastDeliveryDate	Last due date	Date
ssn	Social security number (kennitala) of the reporting party	string
useCategoryName	Indicates whether a department needs to be specified when submitting data. If true categoryName can be access by calling /accountingDates.	bool
useAccountingDate	Indicates whether a accounting date needs to be specified when submitting data. If true accountingDate date can be accessed by calling /accountingDates.	bool
reportType	Report data type of the report. (e.g. application/vnd.ms-excel)	string
reportExtension	Report data type extension (e.g. xlsx)	string
catagoryNameList	List of departments/branch names to submit the report	List<string>

### JSON example response

```
{
  "templateId": "S14",
  "reportName": "EfnahagurTryggingafélaga",
  "nextDeliveryDate": "2020-04-29T00:00:00",
  "lastDeliveryDate": "2020-02-14T23:59:59",
  "ssn": "5602694129",
  "useCatagoryName": true,
  "useAccountingDate": true,
  "reportType": "Excel skrá með macro",
  "reportExtension": "xism",
  "catagoryNameList": [ "catagory1" , "catagory2" ],
}
```

## Data (POST: dataportal/data)

Used to sent data (reports) into the system.

### URL

POST <https://api.sedlabanki.is/dataportal/data>

### Request

#### Parameters

Type	Description	Data type	Type	Required
token	Authentication token	string	header	•
templateId	Template ID. Retrieved from /templates method	string	body	•
ssn	Social security number (kennitala) of the reporting party	string	body	•
accountingDate	Accounting date	DateTime	body	Required if useAccountingDate: true in /templates endpoint. <i>accountingDate info for template can accessed from the /accountingDates endpoint</i>
categoryName	Name of branch / fund / department	string	body	Required if useCatagoryName: true in /templates method. <i>categoryName info for template can accessed from the /accountingDates endpoint</i>
file	The data sent into the system	byte[]	body	•



## Request example

```
{
  "templateId": "S14",
  "ssn": "1234567890",
  "accountingDate": "2020-02-29T00:00:00",
  "categoryName": "Móðurfélag",
  "file": "dGhpcyBpcyBhIHRlc3QgZmlsZQ=="
}
```

## Response

### HTTP status codes

- 201. Created
- 400. Bad Request
- 401. Unauthorized
- 403. Forbidden
- 429. Too many requests
- 500. Internal Server Error

HTTP: 201. Created

Name	Description	Type
documentId	Id of the document created in the system	string
message	Message from the system	string

### JSON example response

```
{
  "documentId": "2b8bf630-fb55-4c8a-a56e-49880cab7744",
  "message": "Document added to queue"
}
```

## DeliveredReports(GET: dataportal/deliveredReports)

List of delivered reports.

### URL

GET <https://api.sedlabanki.is/dataportal/deliveredReports>

### Request

#### Parameters

Name	Description	Data type	Type	Required
token	Authentication token	string	header	•
ssn	Social security number (kennitala) of the reporting party	string	parameter	•
templateId	Report template id	string	parameter	

#### Request example #1

GET <https://api.sedlabanki.is/dataportal/deliveredReports?ssn=1234567890>

#### Request example #2

GET <https://api.sedlabanki.is/dataportal/deliveredReports?ssn=1234567890&templateId=F14>

### Response

#### HTTP status codes

- 200. OK
- 400. Bad Request
- 401. Unauthorized
- 403. Forbidden
- 429. Too many requests
- 500. Internal Server Error

HTTP: 200. OK

Name	Description	Data type
deliveryId	Delivery id	int
templateName	Template name	string
description	Report description	string
accountingDate	Accounting date	Date
created	Report created date	Date
status	Status of the report	string
catagory	Catagory of the report	string
reportUser	Who created the report	string
templateId	Id of the template	string

### JSON example response

```
[{ "deliveryId": 1234,
  "templateName": "Name of the Template",
  "description": "Description of the Template",
  "accountingDate": "2019-12-31T00:00:00",
  "created": "2021-03-19T00:00:00",
  "status": "Móttekin",
  "catagory": "Móðurfélag",
  "reportUser": "Prufa",
  "reportId": "F233"
}]
```

## AccountingDates(GET: dataportal/accountingDates)

List of accounting dates.

### URL

GET <https://api.sedlabanki.is/dataportal/accountingDates>

### Request

#### Parameters

Name	Description	Data type	Type	Required
token	Authentication token	string	header	•
ssn	Social security number (kennitala) of the reporting party	string	parameter	•
templateId	Report template id	string	parameter	

#### Request example #1

GET <https://api.sedlabanki.is/dataportal/accountingDates?ssn=1234567890>

#### Request example #2

GET <https://api.sedlabanki.is/dataportal/accountingDates?ssn=1234567890&templateId=F14>

### Response

#### HTTP status codes

- 200. OK
- 400. Bad Request
- 401. Unauthorized
- 429. Too many requests
- 500. Internal Server Error

HTTP: 200. OK

Name	Description	Data type
templateId	Template id	string
templateName	Template name	string
accountingDate	Accounting date	Date
categoryName	Catagory name	string

### JSON example response

```
[{  "templateId": "F13",  
    "templateName": "Name of the Template",  
    "accountDate": "2019-12-31T00:00:00",  
    "catagoryName": "Móðurfélag",  
}]
```

## Support

To get support or ask questions about the API, please contact [adstod@sedlabanki.is](mailto:adstod@sedlabanki.is)