

Nation Healthcare Safety Network (NHSN)

API Instructions

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SAMS Systems Account Setup

To access any NHSN API, users must have a SAMS Systems account. The below instructions will guide you through the steps needed to request and set up your SAMS Systems Account.

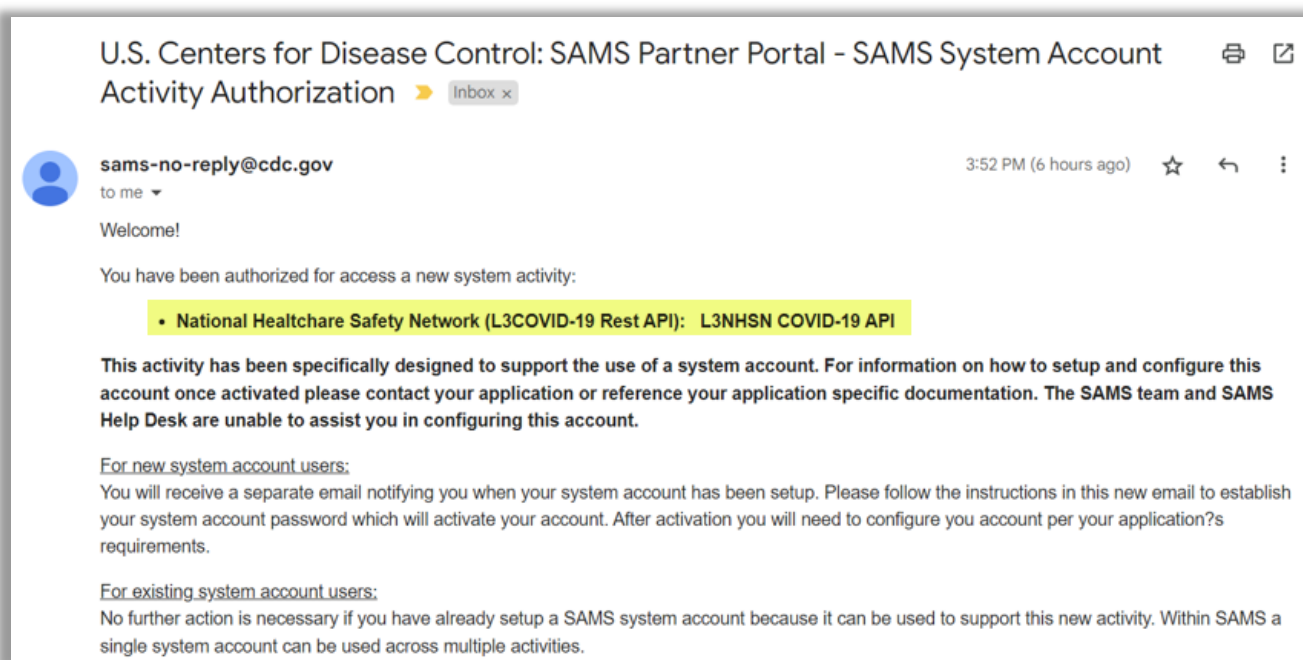
Note: The following instructions assume that the API sponsor completing the steps has requested a SAMS invitation and has the NHSN API activities added to their SAMS account.

If you are the individual responsible for setting up the API and have not registered with SAMS and had API activities added to your account, reach out to NHSN@cdc.gov using the subject line **NHSN API Setup**.

Please indicate if you will need the API activities for submission of Hospital Respiratory Data or the NHSN Connectivity: Bed Capacity Project Data.

SAMS SYSTEM ACCOUNT ACTIVITY AUTHORIZATION

1. When API activities are added to your SAMS account, you will receive the below email noting that you have access to a new system activity: L3NHSN COVID-19 API (see example below) or NHSN Bed Capacity_System.



2. Select the link to establish your system account password.

The following system account has been created to support a web services connection to the SAMS activity you were recently granted access to.

System Account Name: SYS-911280

Before you can use your system account you must establish a system account password from within the SAMS console. To set your password please click [here](#).

When prompted, please enter:

Your username () and the password you chose during registration. Then click the Login button. **After a successful login you will be able to establish a different password for just your System Account.**

If you've forgotten your password for username (), you may reset it by following the 'Forgot Your Password' link on the SAMS log in page.

Also please note: In order to access the SAMS Portal, your browser **must** be configured to use TLS 1.2 encryption. If your computer is not configured for TLS, or if you are unsure, please contact your local IT System Administrator for assistance.


Thank You,

The SAMS Team

3. The link will direct you to the SAMS Portal – log in using your previously established credentials. If you do not have SAMS credentials, refer to the note on page 1 of this document.

External Partners

SAMS Credentials



SAMS Username


SAMS Password

Login

[Forgot Your Password?](#)

For External Partners who login with only a SAMS issued UserID and Password.

SAMS Multi-factor Login



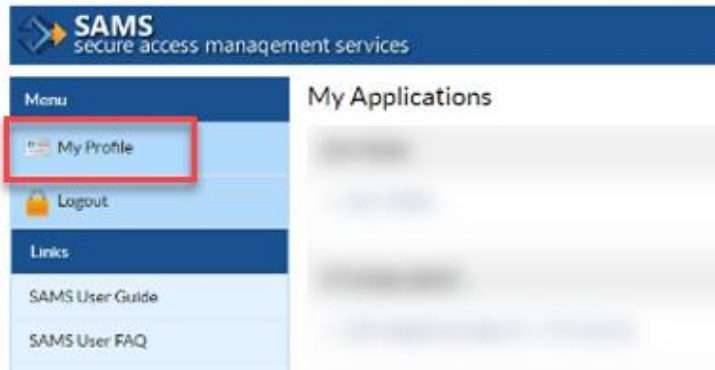
OR

Sign on with a SAMS Grid Card or Mobile Soft Token

Login

For External Partners who have been issued a SAMS Multi-factor token(s).

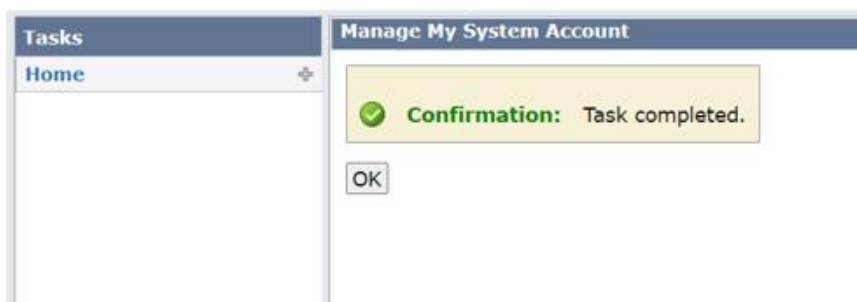
4. Select My Profile



5. In Tasks, set the System Account (API) Password. Ensure the Password Expires In field is greater than 0 days. Setting a new password will reset this to 365 days. Make note of your User Name (e.g. SYS-XXXXXX).

The screenshot shows the 'Manage My System Account' form. The 'User Name' field contains 'SYS-XXXXXX'. The 'Account Status' dropdown is set to 'Password must be changed'. The 'Password Expires In' field is set to '0' days. Below these fields, there is a warning message: 'You must specify a new password conforming to the rules listed below: Your password must have eight or more characters and must contain at least one each of the following: Letters (uppercase or lowercase), Numbers, Special Characters / Symbols (such as #, @ or %). You cannot reuse a password that you have used for SAMS during the previous 12 months. Your password must not contain your Username.' Below this message are two input fields for 'New Password' and 'Confirm New Password'. At the bottom right, there are 'Submit' and 'Cancel' buttons.

6. Confirmation that System Account Password has been set.



NHSN Bed Capacity Upload API

SAMS ACTIVITY

Login to the SAMS Portal and ensure you have access to the National Healthcare Safety Network – **NHSN Bed Capacity_System** SAMS activity.

CDC Centers for Disease Control and Prevention
CDC 24/7: Saving Lives, Protecting People™

SEARCH

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SAMS
secure access management services

HEATH DINKINS

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API CSV UPLOAD ENDPOINT SETUP

Postman Setup – Bed Capacity Upload JSON

1. Create a new **HTTP Post** request using the request URL:

URL:

<https://apigw.cdc.gov/DDID/NCEZID/I3nhsnbedcapacityapi/v1/messagerouter/upload/bedcapacity/json>

2. From the **Authorization** tab, create a new OAuth 2.0 Access Token entering the following values:
 - a. Token Name
 - i. Enter any name you want to identify the token (e.g., SAMS). The token name will be used later.
 - b. Grant Type (dropdown)
 - i. Select 'Password Credentials'
 - c. Access Token URL
 - i. <https://apigw.cdc.gov/auth/oauth/v2/token>
 - d. Client ID
 - i. Provided by System Admin
 - e. Client Password
 - i. Provided by System Admin
 - f. Username
 - i. Refer to Step 5 - from the SAMS portal.
 - g. Password
 - i. Refers to the System Account Password set in the SAMS portal
 - h. Client Authentication (dropdown)
 - i. Select 'Send as Basic Auth header'

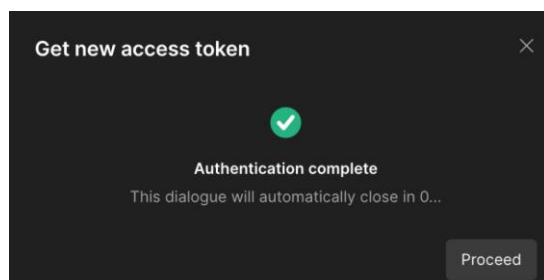
3. Select 'Get New Access Token' button.

The screenshot shows the Postman interface with the 'Authorization' tab selected. The 'Type' is set to 'OAuth 2.0'. The 'Add authorization data to' dropdown is set to 'Request Headers'. The 'Configure New Token' section is expanded, showing the 'Configuration Options' tab. The fields are filled with the following values:

- Token Name: SAMS
- Grant Type: Password Credentials
- Access Token URL: https://api.gw.cdc.gov/auth/oauth/v2/token
- Client ID: f70e...
- Client Secret: dd16...
- Username: SYS-105169
- Password: [Redacted]
- Scope: email profilid
- Client Authentication: Send as Basic Auth header

The 'Get New Access Token' button is highlighted at the bottom of the configuration section.

The below prompt will appear if the request is successful.



4. Select the generated access token in the 'Access Token' dropdown at the top of the **Authorization** tab. The 'Token Name' chosen in step 2a. should appear in the dropdown.

The screenshot shows the 'Authorization' tab in Postman. On the left, 'Type' is set to 'OAuth 2.0' and 'Add authorization data to' is set to 'Request Headers'. The main area shows 'Current Token' with a note that it's only available to the user. Below this, the 'Access Token' dropdown is open, showing a list of 'Available Tokens' with the selected token '5494f...' highlighted. The 'Header Prefix' is set to 'Bearer'. At the bottom, there are tabs for 'Configuration Options' (selected) and 'Advanced Options'.

5. In the **Headers** tab, you should now see a Key named 'Authorization' with a value starting with 'Bearer'.

The screenshot shows the 'Headers' tab in Postman. A table lists various headers. The 'Authorization' header is highlighted with a red arrow, showing a value starting with 'Bearer'. The 'access_token' header is also highlighted with a red arrow, showing the same token value.

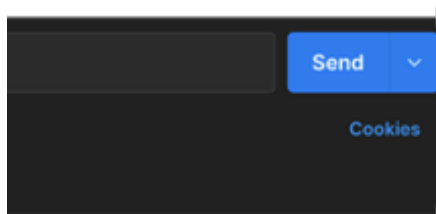
KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> Authorization	Bearer 1d34ff60-612b-467f-a588-61344024f13a	
<input checked="" type="checkbox"/> Postman-Token	<calculated when request is sent>	
<input checked="" type="checkbox"/> Content-Type	multipart/form-data; boundary=<calculated when request is sent>	
<input checked="" type="checkbox"/> Content-Length	<calculated when request is sent>	
<input checked="" type="checkbox"/> Host	<calculated when request is sent>	
<input checked="" type="checkbox"/> User-Agent	PostmanRuntime/7.29.2	
<input checked="" type="checkbox"/> Accept	/*/*	
<input checked="" type="checkbox"/> Accept-Encoding	gzip, deflate, br	
<input checked="" type="checkbox"/> Connection	keep-alive	
<input checked="" type="checkbox"/> access_token	1d34ff60-612b-467f-a588-61344024f13a	

6. In the **Body** tab, select the 'form-data' radio button. Under Key, select 'file'. Under Value click the 'Select Files' button to choose a file to upload. Ensure the file is a .json file.

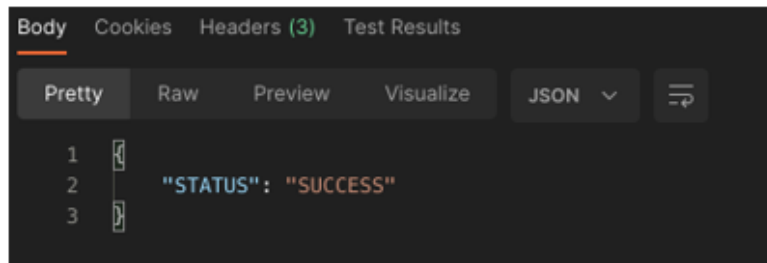
The screenshot shows the 'Body' tab in Postman. The 'form-data' radio button is selected. A table shows a key-value pair where the key is 'file' and the value is 'test.json'. The 'test.json' value is highlighted with a red arrow, indicating it was selected via the 'Select Files' button.

Key	Value	Description
<input checked="" type="checkbox"/> file	test.json	
Key	Value	Description

7. Select the Send button.



8. In the response window, you should receive the message: {"STATUS": "SUCCESS"}



Possible Errors

- {"Error":"oAuth Token Validation Failed", "Reason":"Failed OAuth 2.0"}
 - This typically means your token has expired. Try generating another token and trying again. Be sure to select the newest token.
- "detail": "Could not upload file. file extension must be '.json'."
 - The API only accepts file with the '.json' extension.
- "detail": "Vendor not found for email XXXXX."
 - The email associated with your account doesn't have rights to create Bed Capacity data.
- Not Found
 - SAMS was unable to find the endpoint. Double check that your URL is correct.

API CSV UPLOAD CURL COMMANDS

Use Curl to get Access Token:

```
curl -u "<NHSN client id goes here>:<NHSN secret goes here>" -X POST  
--header "Content-Type: application/x-www-form-urlencoded"  
-d "grant_type=password&username=<your SAMS system username>&password=<your SAMS  
system password>&scope=email profileid"  
https://apigw.cdc.gov/auth/oauth/v2/token
```

Use Curl to Upload Bed Capacity JSON file:

```
curl --location --request POST 'https://apigw.cdc.gov/DDID/NCEZID/  
l3nhsnbedcapacityapi/v1/messagerouter/upload/bedcapacity/json'  
--header 'authorization: Bearer <Bearer token here from step #1 here>'  
--header 'access_token: <Bearer token here from step #1 here>'  
--form 'file=@"test.json"'
```

FREQUENTLY ASKED QUESTIONS

What is the NHSN Bed Capacity Submission API?

A machine-to-machine protocol designed to upload NHSN Bed Capacity in batch mode. It is secured using OAuth 2.0 Connect ID. You will need to use OAuth 2.0 to access the API.

What SAMS activity will I need to access the NHSN API?

National Healthcare Safety Network – NHSN Bed Capacity_System

Why do I have to pass the access_token header?

This is temporary and is required. Please pass the **access_token** as a header without the keyword “Bearer” as passed in the Authorization header.

For example:

Authorization: Bearer 3bf8d961-5f45-40b6-9021-2af0c1c77717

access_token: 3bf8d961-5f45-40b6-9021-2af0c1c77717

Why am I getting the message “Could not get userinfo for token”?

Ensure you are passing the **access_token** header and it does not contain the keyword “Bearer”. It is the access token received from the SAMS authorization server.

For example:

Authorization: Bearer 3bf8d961-5f45-40b6-9021-2af0c1c77717

access_token: 3bf8d961-5f45-40b6-9021-2af0c1c77717

How long is the access token good for?

The access token expires frequently. You will need to request a valid access token (i.e., hasn’t expired) before accessing the endpoints.

Where do I get the Client ID and Client Secret?

After requesting access to the API and approval in SAMS, you will receive an encrypted e-mail with the ID and secret.

Why am I getting the message “User is not a member of a SAMS Activity”?

Ensure you are using the correct endpoint and have the **NHSN Bed Capacity_System** activity in SAMS.

Bed Capacity Upload: [https://apigw.cdc.gov/DDID/NCEZID/
l3nhsnbedcapacityapi/v1/messagerouter/upload/bedcapacity/json](https://apigw.cdc.gov/DDID/NCEZID/l3nhsnbedcapacityapi/v1/messagerouter/upload/bedcapacity/json)

Why am I getting the message "error_description":"GET not permitted"?

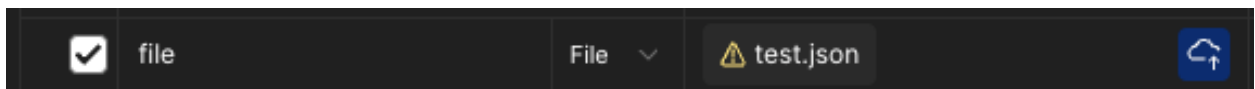
Ensure all requests use the HTTP method **POST** and **not GET**. For example, using curl, add "--request POST".

Why am I getting the message "Failed OTK Require OAuth 2.0 Token"?

Please obtain an OAuth 2.0 Token using curl or Postman before accessing the NHSN API. You will need to pass **Authorization** and **access_token** headers with this token. Also, you cannot access the upload or download endpoints directly from a Web browser. You need to access the endpoints via OAuth.

Why am I getting the message "Could not upload file. At least one file must be attached"?

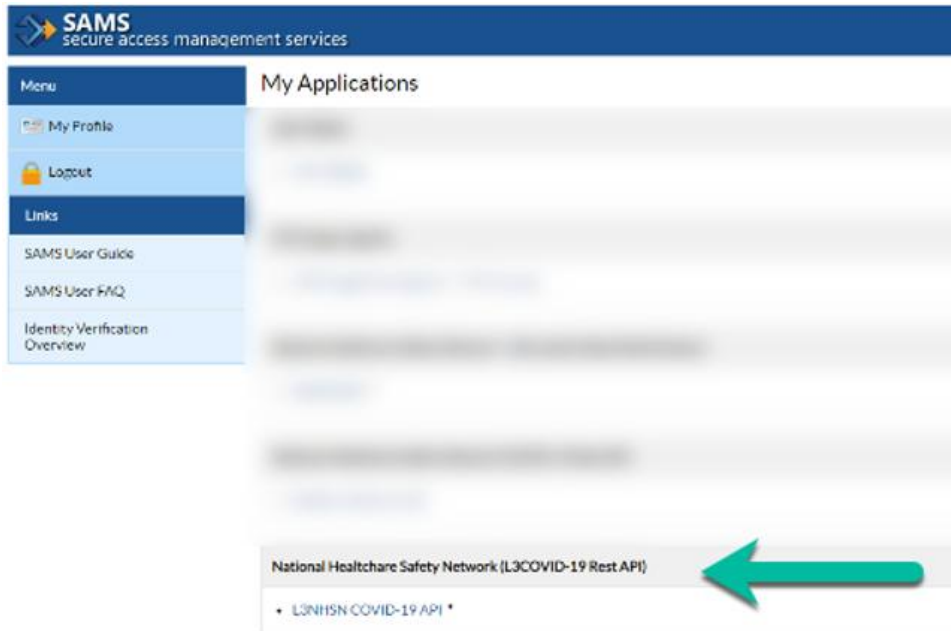
Ensure you are sending multipart-mime and using the "file" keyword to indicate the file name being uploaded. Ensure the file extension is .json.



NHSN Daily/Weekly Hospital Respiratory Data (HRD) API

SAMS ACTIVITY

Login to the SAMS Portal and ensure you have access to the National Healthcare Safety Network (L3COVID-19 Rest API) task.



API CSV UPLOAD ENDPOINT SETUP

Postman Setup – HRD Daily/Weekly Upload CSV

1. Create a new **HTTP Post** request using the request URL:

Daily:

<https://apigw.cdc.gov/DDID/NCEZID/l3nhsncovid19api/v1/messagerouter/upload/daily/csv>

Weekly:

[https://apigw.cdc.gov/DDID/NCEZID/l3nhsncovid19api/v1/messagerouter/upload/weekly/c
SV](https://apigw.cdc.gov/DDID/NCEZID/l3nhsncovid19api/v1/messagerouter/upload/weekly/csv)

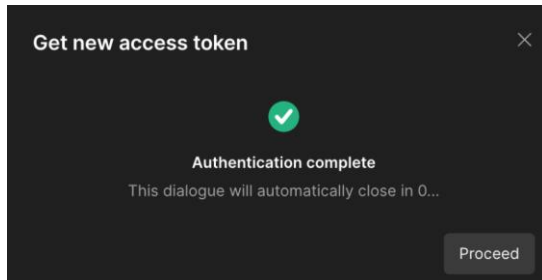
2. From the **Authorization** tab, create a new OAuth 2.0 Access Token entering the following values:
 - a. Token Name
 - i. Enter any name you want to identify the token (e.g., SAMS). The token name will be used later.
 - b. Grant Type (dropdown)

- i. Select 'Password Credentials'
- c. Access Token URL
 - i. <https://apigw.cdc.gov/auth/oauth/v2/token>
- d. Client ID
 - i. Provided by System Admin
- e. Client Password
 - i. Provided by System Admin
- f. Username
 - i. Refer to Step 5 - from the SAMS portal.
- g. Password
 - i. Refers to the System Account Password set in the SAMS portal
- h. Client Authentication (dropdown)
 - i. Select 'Send as Basic Auth header'

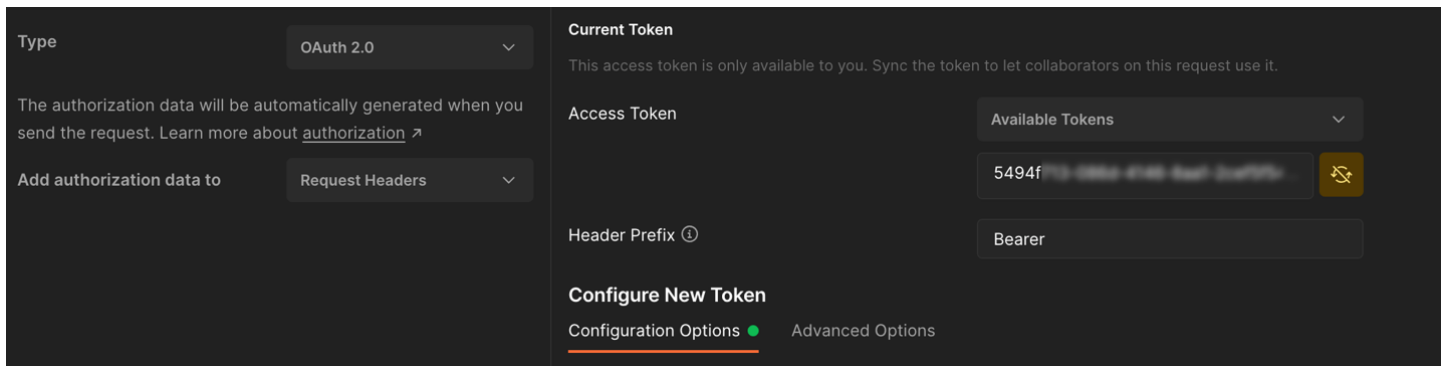
3. Select 'Get New Access Token' button.

The screenshot shows the Postman interface with the 'Authorization' tab selected. The 'Type' is set to 'OAuth 2.0'. The 'Add authorization data to' dropdown is set to 'Request Headers'. The 'Access Token' section shows 'Available Tokens' with a dropdown arrow. The 'Header Prefix' is set to 'Bearer'. A red box highlights the 'Configure New Token' section, which includes 'Configuration Options' and 'Advanced Options' tabs. The 'Token Name' is 'SAMS'. The 'Grant Type' is 'Password Credentials'. The 'Access Token URL' is 'https://apigw.cdc.gov/auth/oauth/v2/token'. The 'Client ID' is 'f70e...'. The 'Client Secret' is 'dd16...'. The 'Username' is 'SYS-105169'. The 'Password' is masked with dots. The 'Scope' is 'email profilid'. The 'Client Authentication' dropdown is set to 'Send as Basic Auth header'. At the bottom, a red box highlights the 'Get New Access Token' button.

The below prompt will appear if the request is successful.

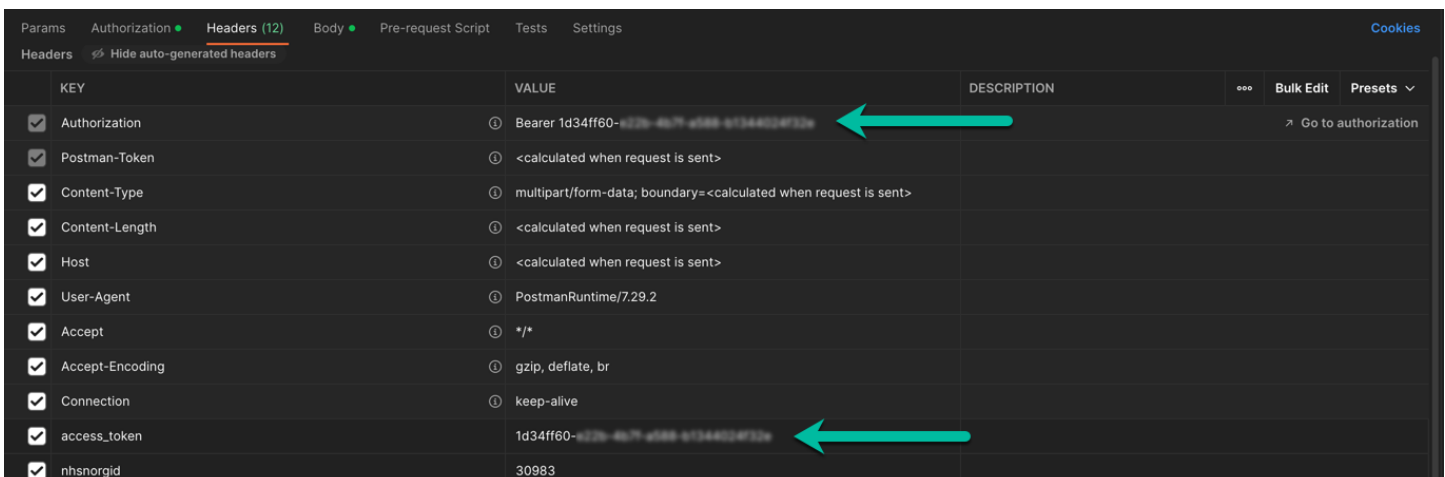


4. Select the generated access token in the 'Access Token' dropdown at the top of the **Authorization** tab. The 'Token Name' chosen in step 2a. should appear in the dropdown.

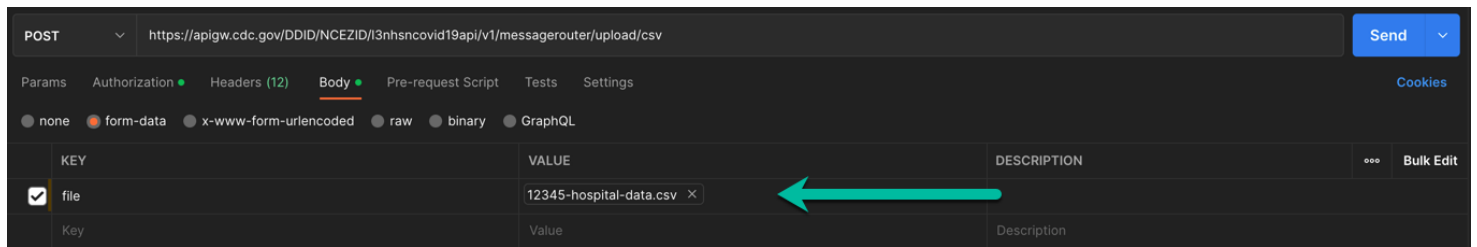


5. In the **Headers** tab, you should now see a Key named 'Authorization' with a value starting with 'Bearer'. Add another Key 'nhsnorgid' with the value of the NHSN Organization ID you would like to upload data for.

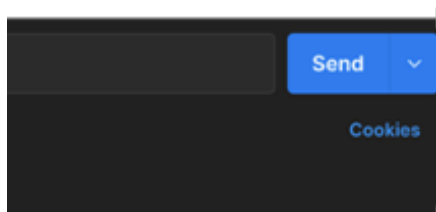
Note: For bulk submission of HRD data for a Group, the NHSN Organization ID refers to the Group ID.



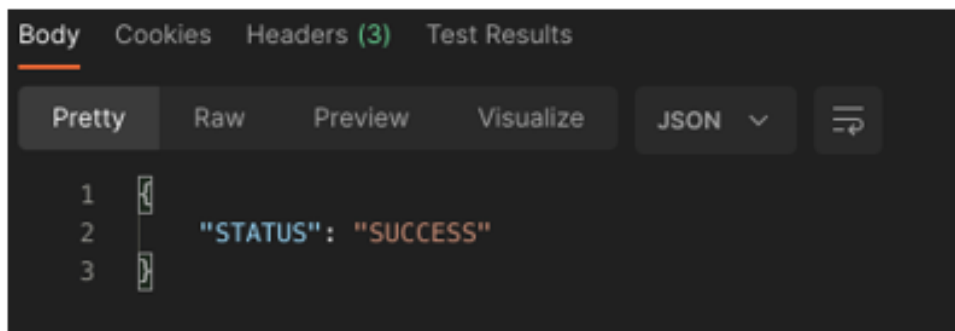
6. In the **Body** tab, select the 'form-data' radio button. Under Key, select 'file'. Under Value click the 'Select Files' button to choose a file to upload.



7. Select the Send button.



8. In the response window, you should receive the message: {"STATUS": "SUCCESS"}



Possible Errors

- {"Error":"OAuth Token Validation Failed", "Reason":"Failed OAuth 2.0"}
 - This typically means your token has expired. Try generating another token and trying again. Be sure to select the newest token.
- "detail": "'nhsnorgid' header is required."
 - A file cannot be uploaded without the 'nhsnorgid' header. This tells us which Organization/Facility you wish to upload this data for.
- "detail": "Could not upload file. file extension must be '.csv'."
 - The API only accepts file with the '.csv' extension.
- "detail": "Could not get email address for facility XXXXX."
 - The email associated with your account doesn't have rights to create new HRD data for the given NHSN Organization ID.
- Not Found
 - SAMS was unable to find the endpoint. Double check that your URL is correct.

API CSV Upload Curl Commands:

Use Curl to get Access Token:

```
curl -u "<NHSN client id goes here>:<NHSN secret goes here>" -X POST
--header "Content-Type: application/x-www-form-urlencoded"
-d "grant_type=password&username=<your SAMS system username>&password=<your SAMS
system password>&scope=email profileid"
https://apigw.cdc.gov/auth/oauth/v2/token
```

Use Curl to Upload HRD Daily CSV file:

```
curl --location --request POST
'https://apigw.cdc.gov/DDID/NCEZID/l3nhsncovid19api/v1/messagerouter/upload/daily/csv'
--header 'authorization: Bearer <Bearer token here from step #1 here>'
--header 'access_token: <Bearer token here from step #1 here>'
--header 'nhsnorgid: <your orgid here>'
--form 'file=@"test.csv"'
```

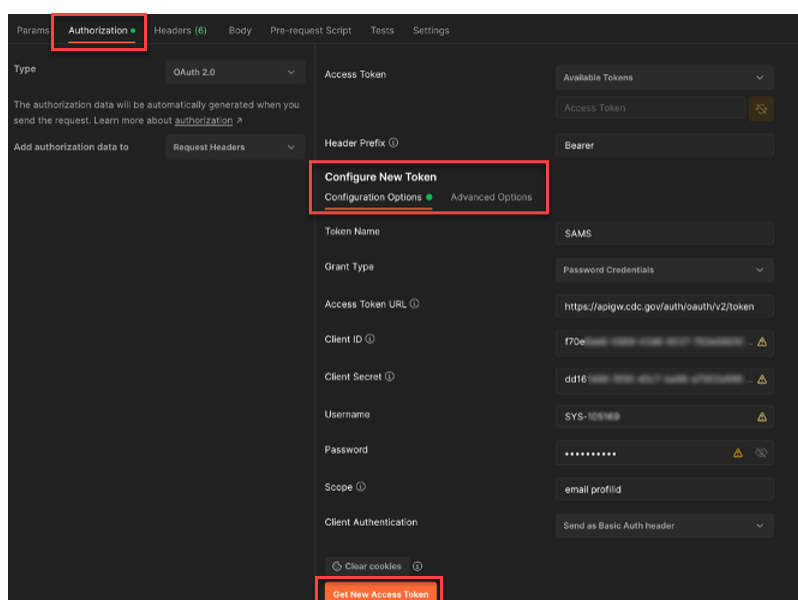
Use Curl to Upload HRD Weekly CSV file:

```
curl --location --request POST
'https://apigw.cdc.gov/DDID/NCEZID/l3nhsncovid19api/v1/messagerouter/upload/weekly/csv'
--header 'authorization: Bearer <Bearer token here from step #1 here>'
--header 'access_token: <Bearer token here from step #1 here>'
--header 'nhsnorgid: <your orgid here>'
--form 'file=@"test.csv"'
```

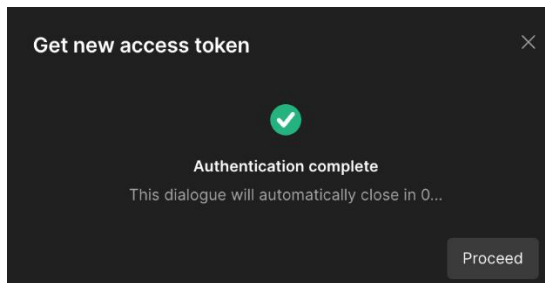
API CSV DOWNLOAD ENDPOINT SETUP

Postman Setup - Download CSV

1. Create a new **HTTP Post** request using the request URL:
<https://apigw.cdc.gov/DDID/NCEZID/I3nhsncovid19api/v1/messagerouter/download/csv>
2. From the **Authorization** tab, create a new OAuth 2.0 Access Token entering the following values:
 - a. Token Name
 - i. Enter any name you want to identify the token (e.g., SAMS). The token name will be used later.
 - b. Grant Type (dropdown)
 - i. Select 'Password Credentials'
 - c. Access Token URL
 - i. <https://apigw.cdc.gov/auth/oauth/v2/token>
 - d. Client ID
 - i. Provided by System Admin
 - e. Client Password
 - i. Provided by System Admin
 - f. Username
 - i. Refer to Step 5 - from the SAMS portal.
 - g. Password
 - i. Refers to the System Account Password set in the SAMS portal
 - h. Client Authentication (dropdown)
 - i. Select 'Send as Basic Auth header'
3. Select 'Get New Access Token' button.



The below prompt will appear if the request is successful.



4. Select the generated access token in the 'Access Token' dropdown at the top of the **Authorization** tab. The 'Token Name' chosen in step 2a. should appear in the dropdown.

Type: OAuth 2.0

The authorization data will be automatically generated when you send the request. [Learn more about authorization](#)

Add authorization data to: Request Headers

Current Token

This access token is only available to you. Sync the token to let collaborators on this request use it.

Access Token: Available Tokens dropdown showing 5494f...

Header Prefix: Bearer

Configure New Token

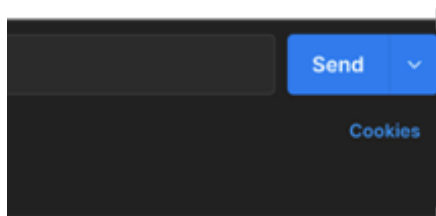
Configuration Options (selected) | Advanced Options

5. In the **Headers** tab, you should now see a Key named 'Authorization' with a value starting with 'Bearer'. Add another Key 'nhsnorgid' with the value of the NHSN Organization ID you would like to upload data for.

Note: For bulk submission of HRD data for a Group, the NHSN Organization ID refers to the Group ID.

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> Authorization	Bearer 1d34ff60-... (red arrow)	
<input checked="" type="checkbox"/> Postman-Token	<calculated when request is sent>	
<input checked="" type="checkbox"/> Content-Type	multipart/form-data; boundary=<calculated when request is sent>	
<input checked="" type="checkbox"/> Content-Length	<calculated when request is sent>	
<input checked="" type="checkbox"/> Host	<calculated when request is sent>	
<input checked="" type="checkbox"/> User-Agent	PostmanRuntime/7.29.2	
<input checked="" type="checkbox"/> Accept	*	
<input checked="" type="checkbox"/> Accept-Encoding	gzip, deflate, br	
<input checked="" type="checkbox"/> Connection	keep-alive	
<input checked="" type="checkbox"/> access_token	1d34ff60-... (red arrow)	
<input checked="" type="checkbox"/> nhsnorgid	30983	

6. Select the Send button.



7. In the response window, you should see the data. You can save the response as a file by clicking 'Save Response' and selecting 'Save to a file'.

Possible Errors

- {"Error":"oAuth Token Validation Failed", "Reason":"Failed OAuth 2.0"}
 - This typically means your token has expired. Try generating another token and trying again. Be sure to select the newest token.
- "detail": "'nhsnorgid' header is required."
 - A file cannot be uploaded without the 'nhsnorgid' header. This tells us which Organization/Facility you wish to upload this data for.
- "detail": "Could not get email address for facility XXXXX."
 - The email associated with your account doesn't have rights to create new HRD data for the given NHSN Organization ID.
- Not Found
 - SAMS was unable to find the endpoint. Double check that your URL is correct.

API CSV Download Curl Commands:

Use Curl to get Access Token:

```
curl -u "<NHSN client id goes here>:<NHSN secret goes here>" -X POST
--header "Content-Type: application/x-www-form-urlencoded"
-d "grant_type=password&username=<your SAMS system username>&password=<your SAMS
system password>&scope=email profileid"
https://apigw.cdc.gov/auth/oauth/v2/token
```

Use Curl to Download HRD Daily CSV file:

```
curl --location --request POST
'https://apigw.cdc.gov/DDID/NCEZID/l3nhsncovid19api/v1/messagerouter/download/daily/csv'
--header 'authorization: Bearer <Bearer token here from step #1 here>'
--header 'access_token: <Bearer token here from step #1 here>'
--header 'nhsnorgid: <your orgid here>'
--header 'Content-Type: application/json'
```

Use Curl to Download HRD Weekly CSV file:

```
curl --location --request POST
'https://apigw.cdc.gov/DDID/NCEZID/l3nhsncovid19api/v1/messagerouter/download/weekly/c
sv'
--header 'authorization: Bearer <Bearer token here from step #1 here>'
--header 'access_token: <Bearer token here from step #1 here>'
--header 'nhsnorgid: <your orgid here>'
--header 'Content-Type: application/json'
```

FREQUENTLY ASKED QUESTIONS

What is the NHSN HRD Daily and Weekly Data Submission API?

A machine-to-machine protocol designed to upload and download HRD Daily and Weekly data in batch mode. It is secured using OAuth 2.0 Connect ID. You will need to use OAuth 2.0 to access the API.

Note: The COVID-19 Hospital data can no longer be uploaded and can now only be downloaded as of 10/9/2024.

What SAMS activity will I need to access the NHSN API?

National Healthcare Safety Network (L3COVID-19 Rest API) - L3NHSN COVID-19 API

Why do I have to pass the access_token header?

This is temporary and is required. Please pass the **access_token** as a header without the keyword “Bearer” as passed in the Authorization header.

For example:

Authorization: Bearer 3bf8d961-5f45-40b6-9021-2af0c1c77717

access_token: 3bf8d961-5f45-40b6-9021-2af0c1c77717

<input checked="" type="checkbox"/>	access_token	<your Bearer token here>
<input checked="" type="checkbox"/>	nhsnorgid	<your nhsnorgid here>

Why am I getting the message “Could not get userinfo for token”?

Ensure you are passing the **access_token** header and it does not contain the keyword “Bearer”. It is the access token received from the SAMS authorization server.

For example:

Authorization: Bearer 3bf8d961-5f45-40b6-9021-2af0c1c77717

access_token: 3bf8d961-5f45-40b6-9021-2af0c1c77717

How long is the access token good for?

The access token expires frequently. You will need to request a valid access token (i.e., hasn’t expired) before accessing the endpoints.

Where do I get the Client ID and Client Secret?

After requesting access to the API and approval in SAMS, you will receive an encrypted e-mail with the ID and secret.

Why am I getting the message “User is not a member of a SAMS Activity”?

Ensure you are using the correct endpoint and have the “L3NHSN COVID-19 API” activity in SAMS.

Daily Upload:

<https://apigw.cdc.gov/DDID/NCEZID/l3nhsncovid19api/v1/messagerouter/upload/daily/csv>

Daily Download:

<https://apigw.cdc.gov/DDID/NCEZID/l3nhsncovid19api/v1/messagerouter/download/daily/csv>

Weekly Upload:

<https://apigw.cdc.gov/DDID/NCEZID/l3nhsncovid19api/v1/messagerouter/upload/weekly/csv>

Weekly Download:

<https://apigw.cdc.gov/DDID/NCEZID/l3nhsncovid19api/v1/messagerouter/download/weekly/csv>

Why am I getting the message "error_description":"GET not permitted"?

Ensure all requests use the HTTP method **POST** and **not GET**. For example, using curl, add “--request POST”.

Why am I getting the message “Failed OTK Require OAuth 2.0 Token”?

Please obtain an OAuth 2.0 Token using curl or Postman before accessing the NHSN API. You will need to pass **Authorization** and **access_token** headers with this token. Also, you cannot access the upload or download endpoints directly from a Web browser. You need to access the endpoints via OAuth.

Why am I getting the message “Could not upload file. At least one file must be attached”?

Ensure you are sending multipart-mime and using the “file” keyword to indicate the file name being uploaded.

KEY	VALUE
<input checked="" type="checkbox"/> file	test (1).csv ×