## Important note about API key

Accessing CDISC Library API without an API key will result in HTTP 401 (Access Denied). A message similar to the following will appear in the response payload:

```json
{
  "statusCode": 401,
  "message": "Access denied due to missing subscription key. Make sure to include subscription key when making requests to an API."
}
```

As of 2020-11-11, API access to CDISC Library requires an API key. Previous Basic Auth is no longer supported. Follow these instructions to obtain and test with an API key.

Please contact the CDISC Library Support (mailto:cdisc_library_support@cdisc.org) when you need assistance.

---

### Instructions

<table>
<thead>
<tr>
<th>#</th>
<th>Instruction</th>
<th>Screenshot</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Obtain a CDISC Library account and set up initial password</td>
<td>For details, refer to <a href="https://www.cdisc.org/cdisc-library/getting-started">https://www.cdisc.org/cdisc-library/getting-started</a></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Navigate web browser to the API Management Developer Portal at <a href="https://api.developer.library.cdisc.org/signin">https://api.developer.library.cdisc.org/signin</a>.</td>
<td><img src="https://www.cdisc.org/cdisc.png" alt="CDISC Library" /></td>
<td>Users can alternatively access the API Management Developer Portal through the Data Standards Browser's gear icon.</td>
</tr>
</tbody>
</table>
3. Enter the same credentials you would for CDISC Library Data Standards Browser. Click Sign In.

4. Select API Key from top navigation menu.

Access to CDISC Library is a benefit of CDISC Membership. If you do not already have a CDISC Library account, please log in to your account or create an account on the CDISC website and then visit the CDISC Library Account Request Form. Note: A CDISC Library Account has different credentials from an account on www.cdisc.org.

Visit CDISC Library for additional information.
5 Verify CDISC Library API is listed as a product under the Subscription section.

An API key is a 32-byte hexadecimal value. A fictitious key looks like this: abecedf0123456789abcdef0123456789.

6 Click "Show" (of either primary or secondary key) to reveal a system-generated API key assigned to your CDISC Library account.
Compose an CDISC Library API query to this specification:

- **Base URL:** https://library.cdisc.org/api
- **Endpoint:** /mdr/products
- **Authentication header:**
  - **Key:** api-key
  - **Value:** abcdef0123456789abcdef0123456789

**Example curl command, with a fictitious API key:**

```bash
curl -X GET https://library.cdisc.org/api/mdr/products \
-H "Accept: application/json" \
-H "api-key: abcdef0123456789abcdef0123456789"
```

**Example SAS code with a fictitious API key, using v9.4 and SAS OnDemand for Academics:**

```sas
filename response TEMP;
proc http url="https://library.cdisc.org/api/mdr/products" out=response; headers /* Use request header to specify API key authentication */ "api-key"="abcdef0123456789abcdef0123456789";
run;
data _null_;
  infile response;
  input;
  put _infile_;
run;
```

**Sample response in JSON**

```json
{
  "_links": {
    "data-analysis": {
      "_links": {
        "adam": {
          "href": "https://library.cdisc.org/api/mdr/adam/adam-2-1",
          "title": "Analysis Data Model Version 2.1",
          "type": "Foundational Model"
        },
        "href": "https://library.cdisc.org/api/mdr/adam/adam-adae-1-0",
        "title": "Analysis Data Model Data Structure for Adverse Event Analysis Version 1.0",
        "type": "Implementation Guide"
      },
      "self": {
        "href": "https://library.cdisc.org/api/mdr/products/DataAnalysis",
        "title": "Product Group Data Analysis",
        "type": "CDISC Library Product Group"
      }
    }
  }
}
```
Obtain API usage metrics from https://api.developer.library.cdisc.org/reports.

Sign in

Click the button below to initiate the sign in process:

Sign in

Access to CDISC Library is a benefit of CDISC Membership. If you do not already have a CDISC Library account, please log in to your account or create an account on the CDISC website and then visit the CDISC Library Account Request Form. Note: A CDISC Library Account has different credentials from an account on www.cdisc.org.

Visit CDISC Library for additional information.