

How To Test API in Business Hub Frontend Portal

Note: Before you begin your testing in the frontend portal, you must first generate an authorization code. To generate the code, please ensure that you have received an email from the Basis Team informing you that you have received a Service Key in QAS. Ensure it is the Service Key you're receiving for the QAS environment. Refer the URL highlighted in yellow.

Service Key request - TSK-45109

Jonathan Tat Mun Lim
To: **API Requestor**
Cc: KUL_CSSC_SAP_Admin

Follow up: Start by Monday, 11 December, 2023. Due by Monday, 11 December, 2023.

integration_comqas [redacted] **Service Key Attachment**
8 KB

Dear All,

Following your request with TSK-45109, please find the attached service key requested for your reference.

Thank you

Regards,

DKSH

Jonathan Lim
Specialist, SAP Technology – Operations

```
{
  "oauth": {
    "createdate": "2023-12-11T01:01:39.034Z",
    "clientId": "sb-fc903b4b-2629-4fde-bfbc-f939ba1f78a1",
    "clientsecret": "529441d6-3d43-445a-85d8-81...",
    "tokenurl": "https://scpiqas.authentication.ap21.hana.ondemand.com/oauth/token",
    "url": "https://scpiqas.it-cpi012-rt.cfapps.ap21.hana.ondemand.com"
  }
}
```

1. Open Postman. On the **Authorization** tab, ensure **Basic Auth** is the **Auth Type**. In **Username**, fill in the client ID and in **Password**, fill in client secret. Client ID and client secret are obtained from the service key provided by Basis Team.

Postman Interface:

API Testing / API Test 1

POST https://dksh-qas.apimanagement.ap21.hana.ondemand.com:443/prdtapi/productlist_s4hana/get

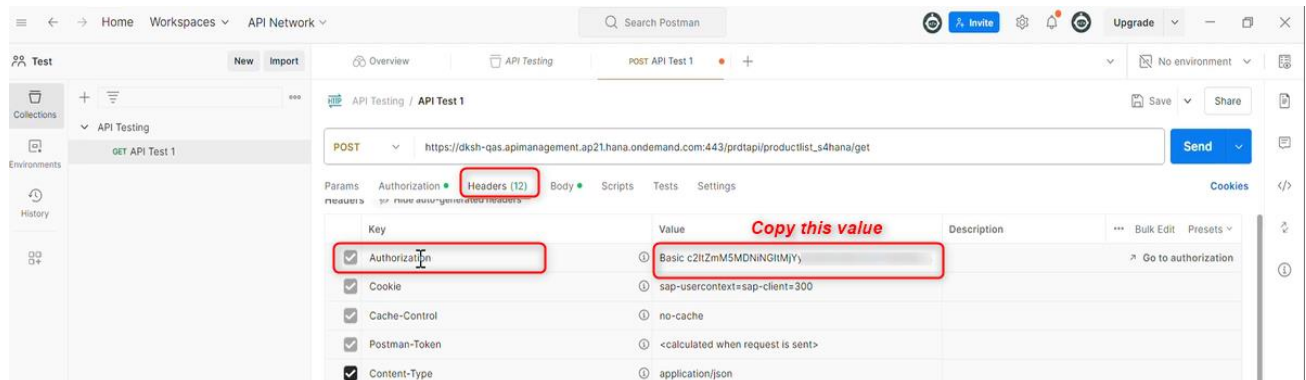
Params Authorization Headers (12) Body Scripts Tests Settings Cookies

Auth Type: Basic Auth

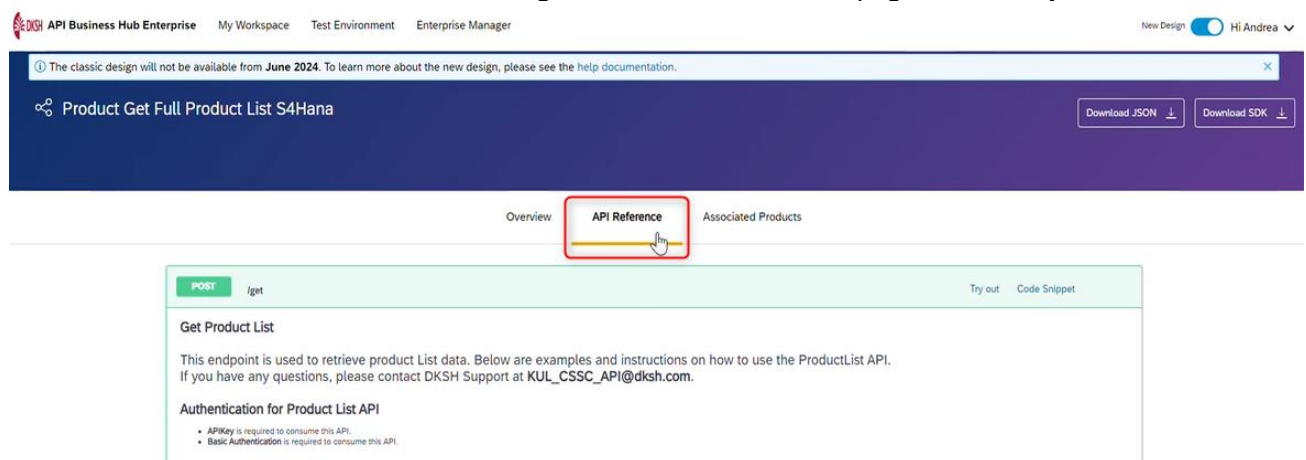
Username: sb-fc903b4b-2629-4fde-bfbc-f939ba1f78a1

Password: 7c53a06f-58be-4c28-8682-28edf810f6

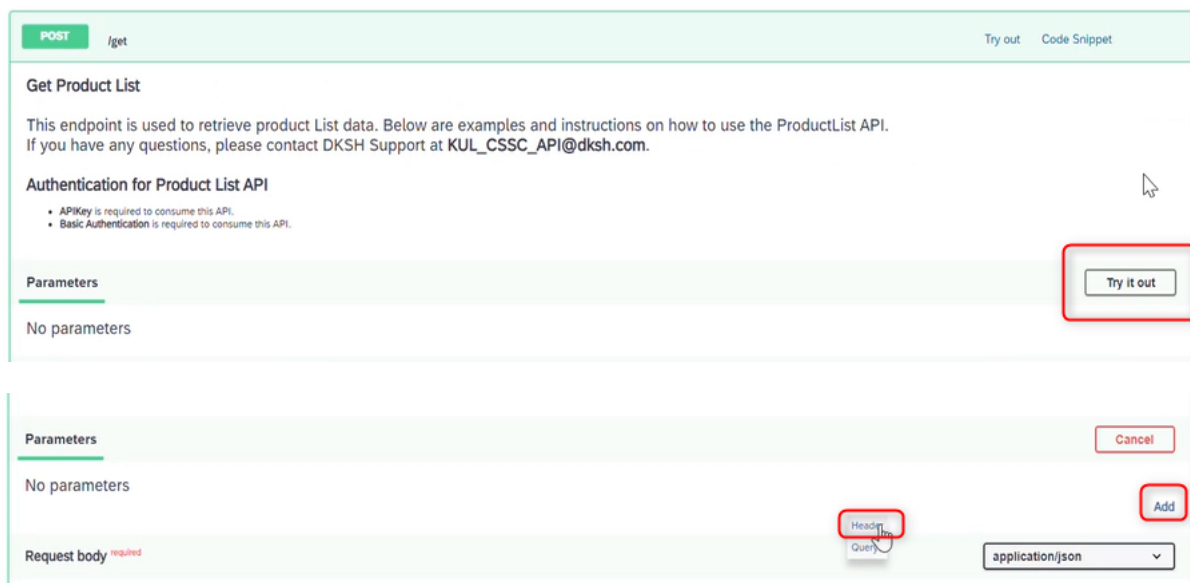
2. Click **Headers**, on the first row, the **Authorization** code is already generated automatically. Copy this value and store it securely.



3. In the API Business Hub Portal, navigate to the **API Reference** page of the API you want to test.



4. In the **Parameters** section, click the **Try it out** button, then click **Add > Header**.



5. In **Header Name**, type **Authorization**, and in **Header Value**, paste the value copied from step 2.



Parameters Cancel

No parameters

Add

Header Name : Header Value : Remove

6. Add another header by clicking **Add > Header**. In the **Header Name**, type **APIKey**, and in **Header Value**, paste your application key value from your application details page.

Parameters Cancel

No parameters

Add

Header Name : Header Value : Remove

Header Name : Header Value : Remove

» My New Application Edit Application

Application Details Products Custom Attributes Analytics

About

My Application

Callback URL:

Application Secret: Regenerate

Application Key: Copy

Created By: andrea.joe@dksh.com Created On: 04 May 2024 Calls this month: 11

Last Modified By: andrea.joe@dksh.com Last Modified On: 04 May 2024

7. On the **API Reference** page, scroll down to the **Request** body section. You may change the values in the request payload based on your test data. Then, click **Execute**.

```
{
  "SalesOrganization": "MY01",
  "DistributionChannel": "01",
  "Language": "E",
  "MaterialNumber": "100010767",
  "Plant": "2000",
  "MaterialType": "",
  "MaterialGroup": "",
  "MaterialGroup1": "",
  "MaterialGroup2": "",
  "MaterialGroup3": "",
  "MaterialGroup4": "",
  "MaterialGroup5": "",
  "LastChangedDate": "",
  "ClassNumber": "",
  "DeletionFlag": "",
  "CrossDistributionMaterialStatus": "",
  "DistributionMaterialStatus": "",
  "PlantMaterialStatus": "",
  "StorageFunctions": ""
}
```

Execute

8. Scroll down to the **Responses** section, and the response payload is populated in the **Response body** section. You may use any third-party tool to view the payload in JSON viewer.

Responses

Request URL

```
https://dksh-qas.apimanagement.ap21.hana.ondemand.com:443/prdtapi/productlist_s4hana/get
```

Server response

Code	Details
200	<div><p>Response body</p><pre>{ "result": { "ProductList": { "MaterialNumber": "00000000100010767", "ProductName": "LSH SESAME OIL 140PL" }, "ProductListReturn": { "Number": "000", "Type": "E", "Message": "No valid records found in SO details" } } }</pre>Download</div> <p>Response headers</p> <pre>Transfer-Encoding: chunked sap_messageprocessinglogid: AGY2nhu0MA87ETQ=Q0M5SU-dCk1 sap_mplcorrelationid: AGY2nhuixA3Znj8HMS2AvqOKQ0xX expires: 0 sap-server: true Server: SAP</pre>