

Shipshuk REST API

Integration Guide for Third-Party Developers

1. Overview

This document describes how to authenticate and integrate with the Shipshuk REST API. The API is served over HTTPS through a reverse proxy (Nginx) that sits in front of the application server. All requests must include a valid API key and originate from a registered domain.

1.1 Contact

For questions, here is the contact link

<https://www.linkedin.com/in/esabil-bulbul-74a25528/>

Base URL

```
https://shipshuk.com/api/
```

All endpoint paths in this document are relative to this base URL.

1.2 Authentication Summary

- Every request must include an API key in the X-API-Key header.
- Your API key is bound to a specific registered origin domain. Requests from any other origin are rejected even with a valid key.
- All traffic must use HTTPS.
- Requests are rate-limited to 20 per minute per API key.

2. Getting Your API Key

Contact your Shipshuk integration contact to receive:

- A unique API key (format: sk-sh-<client>-<random>)
- Confirmation of the origin domain(s) registered against your key
- Your assigned rate limit tier

Your key only works from the domain(s) registered with it. If you need to call the API from a new domain (e.g. a staging environment), notify your integration contact to have it added.

3. Authentication

Include your API key on every request using the following header:

```
TEST KEY
```

```
X-API-Key: sk-sh-shipshuk.com-a3f8c2e1d4b7
```

Browser-based clients must also send a matching Origin header — this is set automatically by the browser and does not need to be added manually in JavaScript fetch/XHR calls.

3.1 Example — curl with TEST Key

```
curl -i \  
-H "X-API-Key: sk-sh-shipshuk.com-a3f8c2e1d4b7" \  
-H "Origin: https://localhost:8080" \  
https://shipshuk.com/api/access/test
```

3.2 Example — JavaScript (Browser)

```
fetch("https://shipshuk.com/api/access/gpp", {  
  method: "GET",  
  headers: {  
    "X-API-Key": "sk-sh-shipshuk.com-a3f8c2e1d4b7"  
  }  
})  
.then(res => res.json())  
.then(data => console.log(data))  
.catch(err => console.error(err));
```

The Origin header is set automatically by the browser. Do not set it manually in JavaScript.

3.3 Example — Node.js

```
const res = await fetch("https://shipshuk.com/api/access/gpp", {  
  headers: { "X-API-Key": "sk-sh-shipshuk.com-a3f8c2e1d4b7" }  
});  
const data = await res.json();  
console.log(data);
```

4. Response Format

All responses are returned as JSON with a consistent wrapper structure.

4.1 Response Wrapper

```
{  
  "version": "1.0",  
  "Response": "ok",  
  "totalPageNumber": 0,  
  "currentPageNumber": 1,  
  "AuthenticationFailed": false,  
  "Content": { }    <- actual payload, varies per endpoint  
}
```

Field	Type	Description
version	string	API version

Response	string	"ok" on success
totalPageNumber	number	Total pages available (for paginated endpoints)
currentPageNumber	number	Current page returned
AuthenticationFailed	boolean	True if the session auth failed
Content	object / array	The actual response payload — varies per endpoint

4.2 Error Responses

Status	Meaning	Common Cause
401 Unauthorized	Missing or invalid API key	X-API-Key header missing or key not recognized
403 Forbidden	Key and origin do not match	API key used from an unregistered domain
404 Not Found	Endpoint does not exist	Incorrect path in the request URL
429 Too Many Requests	Rate limit exceeded	More than 20 requests per minute from this key
500 / 502 / 503	Server-side error	Temporary issue — retry with exponential backoff

5. Rate Limits

Each API key is limited to 20 requests per minute. Requests beyond this receive a 429 response. A burst of up to 5 additional requests is allowed before 429s begin. Wait at least 60 seconds before retrying after a 429.

6. Endpoints

All endpoints are under <https://shipshuk.com/api/access/>. The X-API-Key header is required on every call.

6.1 GET /access/test

Connectivity and authentication test. Call this first during integration to verify your API key is valid and your network can reach the API. Returns static test data including sample filters and products.

Request

```
GET https://api.shipshuk.com/access/test
```

Required Headers

Header	Required	Value
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X-API-Key	Yes	Your issued API key
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Example curl

```
curl -i \
-H "X-API-Key: sk-sh-shipshuk.com-a3f8c2e1d4b7" \
-H "Origin: https://localhost:8080" \
https://shipshuk.com/api/access/test
```

Sample Response

```
{
  "version": "1.0",
  "Response": "ok",
  "AuthenticationFailed": false,
  "Content": {
    "filters": {
      "genders": ["men", "women"],
      "categories": [
        { "category": "Pants", "id": "1", "quantity": "11" },
        { "category": "Shirts", "id": "2", "quantity": "8" }
      ],
      "options": [
        { "category": "Pants", "groupName": "Black", "optionName": "38", "id": "1232", "quantity":
"2" }
      ],
      "sections": [
        { "name": "New Season", "key": "NS" },
        { "name": "Discount", "key": "S0" }
      ]
    },
    "items": [
      {
        "pageURL": "shipshuk.com/storename/12334",
        "itemImages": [
          { "url": "https://shipshuk.com/assets/logo/SHIPSHUK.png", "bDefault": true }
        ],
        "oldPrice": "200.00",
        "newPrice": "200.00",
        "quantity": "3",
        "sectionKey": "NS"
      }
    ]
  }
}
```

Response Fields

Field	Type	Description
filters.genders	array<string>	Available gender filters
filters.categories	array<object>	Product categories with id and stock quantity
filters.options	array<object>	Variant options (size/colour) per category
filters.sections	array<object>	Storefront sections with name and key
items	array<object>	Sample products: pageURL, itemImages, prices, quantity, sectionKey

6.2 GET /access/tpp

Test Page Params. Returns the same structure as /access/gpp but with fixed static sample data. Use this endpoint in development and staging — it does not depend on live store data so the response is stable and predictable. Switch to /access/gpp for production.

Request

```
GET https://api.shipshuk.com/access/tpp
```

Required Headers

Header	Required	Value
X-API-Key	Yes	Your issued API key

Example curl

```
curl -i \
-H "X-API-Key: sk-sh-shipshuk.com-a3f8c2e1d4b7" \
-H "Origin: https://localhost:8080" \
https://shipshuk.com/api/access/tpp
```

Sample Response

```
{
  "version": "1.0",
  "Response": "ok",
  "AuthenticationFailed": false,
  "Content": {
    "genders": ["men", "women"],
    "categories": [
      { "category": "Pants", "id": "1", "quantity": "11" },
      { "category": "Shirts", "id": "2", "quantity": "8" },
      { "category": "Dresses", "id": "3", "quantity": "29" }
    ],
    "options": [
      { "category": "Pants", "groupName": "Black", "optionName": "38", "id": "1232", "quantity":
"2" }
    ],
    "sections": [
      { "name": "New Season", "key": "NS" },
      { "name": "Discount", "key": "SO" },
      { "name": "New Year - Special", "key": "NY" }
    ]
  }
}
```

Response Fields

Field	Type	Description
genders	array<string>	Gender filters
categories	array<object>	Product categories — static test data
options	array<object>	Variant options — static test data
sections	array<object>	Storefront sections with name and key

6.3 GET /access/ghp

Get Home Params. Returns personalized storefront initialization data for a specific user and account. Similar to /access/gpp but scoped to a user session — returns sections, categories, and options relevant to that account. Call on page load after user authentication.

Request

```
GET https://api.shipshuk.com/access/ghp
```

Required Headers

Header	Required	Value
X-API-Key	Yes	Your issued API key

Query Parameters

Parameter	Required	Description
uid	Yes	User ID
aid	Yes	Account ID
at	Yes	Account type — u (user)
cur	Yes	Currency code, e.g. USD, TL
lng	Yes	Language/currency display code, e.g. TRY, TR

Example curl

```
curl -i \
-H "X-API-Key: sk-sh-shipshuk.com-a3f8c2e1d4b7" \
-H "Origin: https://localhost:8080" \
"https://shipshuk.com/api/access/ghp?uid=38482644&aid=38482645&at=u&cur=TL&lng=TRY"
```

Sample Response

```
{
  "version": "1.0",
  "Response": "ok",
  "AuthenticationFailed": false,
  "Content": {
    "Sections": "{\"newseason\":2.000,\"discount\":0.000,\"trend\":0.000}\",
    "Categories": "{\"SHIRT\":11.000,\"BLUZ\":298.000}\",
    "Options": "{\"SHIRT\":{\"-B\":1.00,\"BLACK-B\":0.00,\"RED-C\":0.00}\",
  },
  "showroomItems": ""
}
}
```

Response Fields

Field	Type	Description
Sections	string (JSON)	Section keys with product counts

Categories	string (JSON)	Category names with product counts
Options	string (JSON)	Variant options grouped by category
showroomItems	string	Showroom items if configured, otherwise empty

6.4 GET /access/srch

Search / filter items. Returns a list of products matching the given filters. Use after the user applies gender, section, category, option, price, or other filters on the storefront. Supports pagination.

Request

```
GET https://api.shipshuk.com/access/srch
```

Required Headers

Header	Required	Value
X-API-Key	Yes	Your issued API key

Query Parameters

Parameter	Required	Description
uid	Yes	User ID
aid	Yes	Account ID
cur	Yes	Currency code, e.g. USD
lng	Yes	Language code, e.g. TR
at	Yes	Account type — U (user)
sec	No	Section key filter, e.g. trend, newseason (repeatable)
ctg	No	Category filter, e.g. shirt (repeatable)
opt	No	Option/variant filter (repeatable)
prc	No	Price range filter
gnd	No	Gender filter
pg	No	Page number (default 1)

Example curl

```
curl -i \
  -H "X-API-Key: sk-sh-shipshuk.com-a3f8c2e1d4b7" \
  -H "Origin: https://localhost:8080" \
  "https://shipshuk.com/api/access/srch?uid=38482644&aid=38482645
  &cur=USD&lng=TR&at=U
  &sec=trend&sec=newseason
  &ctg=shirt&pg=1"
```

Sample Response

```

{
  "version": "1.0",
  "Response": "ok",
  "AuthenticationFailed": false,
  "Content": [
    {
      "itemCode": "NRD01",
      "title": "",
      "imgIds": "",
      "spdStar": "0",
      "priceId": "0",
      "lastSalePrice": "0.000",
      "imgUrls": "[\">>default>>https://shipshuk.com\", \"https://shipshuk.com\"]"
    }
  ]
}

```

Response Fields

Field	Type	Description
Content[]	array<object>	List of matching products
itemCode	string	Unique product/item code
title	string	Product title
lastSalePrice	string	Last sale price
imgUrls	string (JSON array)	Image URLs — first entry is the default image
spdStar	string	Speed/star rating

6.5 GET /access/reset

Reset session params. Clears and resets the page/session parameters for a given user and account. Call this when the user logs out, switches accounts, or when a full state reset is required.

Request

GET <https://api.shipshuk.com/access/reset>

Required Headers

Header	Required	Value
X-API-Key	Yes	Your issued API key

Query Parameters

Parameter	Required	Description
uid	Yes	User ID
aid	Yes	Account ID
at	Yes	Account type — u (user)

Example curl

```
curl -i \
-H "X-API-Key: sk-sh-shipshuk.com-a3f8c2e1d4b7" \
-H "Origin: https://localhost:8080" \
"https://shipshuk.com/api/access/reset?uid=38482644&aid=38482645&at=u"
```

Sample Response

```
{
  "version": "1.0",
  "Response": "ok",
  "AuthenticationFailed": false,
  "Content": "ok"
}
```

Response Fields

Field	Type	Description
Content	string	"ok" confirms the reset was successful

7. Typical Integration Flow

Below is the recommended call sequence when building a storefront on top of the Shipshuk API:

Step	Endpoint	When to Call
1	GET /access/test	Once during initial integration to verify connectivity
2	GET /access/tpp	During development to build UI against stable static data
3	GET /access/ghp	On page load to populate filters, sections and counts per user
4	GET /access/srch	Every time the user applies or changes a filter
5	GET /access/reset	On user logout or account switch

8. Security Requirements

- Never expose your API key in publicly visible client-side code or public repositories.
- Never pass your API key as a URL query parameter — always use the X-API-Key header.
- All requests must use HTTPS. Plain HTTP requests will be redirected or rejected.
- If you believe your API key has been compromised, contact your integration contact immediately to have it revoked and reissued.

9. Onboarding Checklist

- Receive your API key and confirm your registered origin domain(s)
- Test connectivity using GET /access/test
- Build and test your UI against GET /access/tpp (static data)
- Switch to GET /access/gpp or /access/ghp for live data
- Implement filter/search using GET /access/srch
- Implement session reset using GET /access/reset on logout
- Implement error handling for 401, 403, 429 responses
- Confirm rate limit tier is sufficient for your expected traffic

For questions or to request a new API key, contact your Shipshuk integration contact.