



Get Started: Storenden Connect API



<https://developers.storenden.com/docs>



Connect API Storeden ?

- SDK for PHP availability: <https://github.com/storeden/connect-api-sdk>
- REST
- JSON Response
- Only https
- Fast: “Average response time 77ms”

Permissions

Each API call is signed with two header: **key** ed **exchange**.

This pair of keys may have different permissions:

- Read Only: The application may use the GET method only (data read).
- Read & Write: Complete access to the API (GET, POST, PUT, DELETE)

Once defined the access typology, it is not possible to change it anymore. Another pair of keys should be generated.

Example of Connect API connection

Let's see an example of Connect API call:

```
ASTU101:demo massimo$ cat example.php
<?php


require dirname(__FILE__).'/connect-api-sdk/lib/StoredenConnectAPI.php';

$_settings = array(
    'key' => 'd2fb536888d618c3aeb784d3223bedca3b8dc4e6132569772b120059463322691',
    'exchange' => '911c6de16a8f5f9efa94102a31fb9de4e20428d3cc3be61694232e7ee6e35be1',
    'api_version' => 'v1.1'
);

$sdk = new StoredenConnectAPI($_settings);

$response = $sdk->api('/store/info.json');

var_dump($response);
ASTU101:demo massimo$
```



```
ASTU101:demo massimo$ php example.php
object(stdClass)#2 (5) {
  ["uid"]=>
  int(132)
  ["url"]=>
  string(33) "http://negoiodidemo.storeden.com"
  ["store_name"]=>
  string(15) "Negozio di Test"
  ["currency"]=>
  string(3) "EUR"
  ["locale"]=>
  string(5) "it_IT"
}
ASTU101:demo massimo$
```

Example of Connect API connection

In case of credentials not valid, the system will return an error:

```
ASTU101:demo massimo$ cat example.php
<?php

require dirname(__FILE__).'/connect-api-sdk/lib/StoredenConnectAPI.php';

$_settings = array(
    'key' => 'd2fb536888d618c3aeb784d3223bedca3b8dc4e6132569772b120059463322691',
    'exchange' => '911c6de16a8f5f9efa94102a31fb9de4e20428d3cc3be61694232e7ee6e35be1',
    'api_version' => 'v1.1'
);

$Sdk = new StoredenConnectAPI($_settings);

$response = $Sdk->api('/store/info.json');

var_dump($response);
ASTU101:demo massimo$
```



```
ASTU101:demo massimo$ php example.php
object(stdClass)#2 (1) {
  ["error"]=>
  object(stdClass)#3 (3) {
    ["message"]=>
      string(163) "Invalid tokens * Key: d2fb536888d618c3aeb784d3223bedca3b8d
c4e6132569772b12005946332269 * Exchange: 911c6de16a8f5f9efa94102a31fb9de4e2
0428d3cc3be61694232e7ee6e35be1"
    ["code"]=>
      int(407)
    ["type"]=>
      string(23) "ConnectRoutingException"
  }
}
ASTU101:demo massimo$
```

Limits to the Connect API calls

Each pair of keys has these limits:

- 100.000 reqs/24h
- /24 ip simultaneous
- null routed if +100rps (10 seconds burst-mode)

All limits can be removed upon request.



Main Storenden Connect API

The complete guide:
<https://developers.storenden.com/docs/>



Connect API: Shop

Available functions:

- View store data
- View settings (config-node)

Connect API: Products

Available functions:

- Products list
- Products research by item's code
- Product's detail
- Product's image
- Add/change/remove product
- Product's quantity availability
- Product visibility
- Product's attributes

Connect API: Categories

Available functions:

- Categories list
- Add/remove/change category
- Category Tree

Connect API: Brands

Available functions:

- Brands list
- Add/remove brand

Connect API: Clients

Available functions:

- Clients list
- Add/remove client

Connect API: Coupons

Available functions:

- Coupons list
- Coupon details
- Change coupon rules
- User coupon

Connect API: Storage

Available functions:

- View products availability
- Update products availability

Connect API: Orders

Available functions:

- Orders list (filtered)
- Order details
- Update order status
- Tracking transmission
- Tracking URL recovery
- List of the supported couriers
- Orders status list

Connect API: Nations and States

Available functions:

- States list
- Province list (per nation)
- IP Geolocalization

Connect API: Reviews

Available functions:

- Reviews list
- Reviews adding (unverified review)
- Average grade and number of reviews

Connect API: Webhook

Available functions:

- Webhook list
- Webhook details
- Add/remove webhook

Connect API: Blog


Available functions:

- Post list
- Post details
- Post removal
- Post adding (restricted)

Connect API: Template

Available functions:

- Add/Remove template script
- Script list
- Add/Remove script from the backoffice (restricted)



Get Started: 3rd party application

<https://developers.storen.com/docs/apps/start>



StoreDen Apps

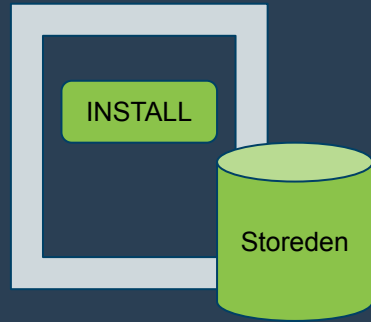
Application created by the dev panel: <https://developers.storeden.com/apps>

3 Fundamental URL:

- Auth URL: App Authorization Url
- Embed URL: anvas embedding URL
- De-Auth URL: App De-authorization URL

All URLs need to be in HTTPS

Storeden App Workflow - Authorization



POST



- instance
- key
- exchange



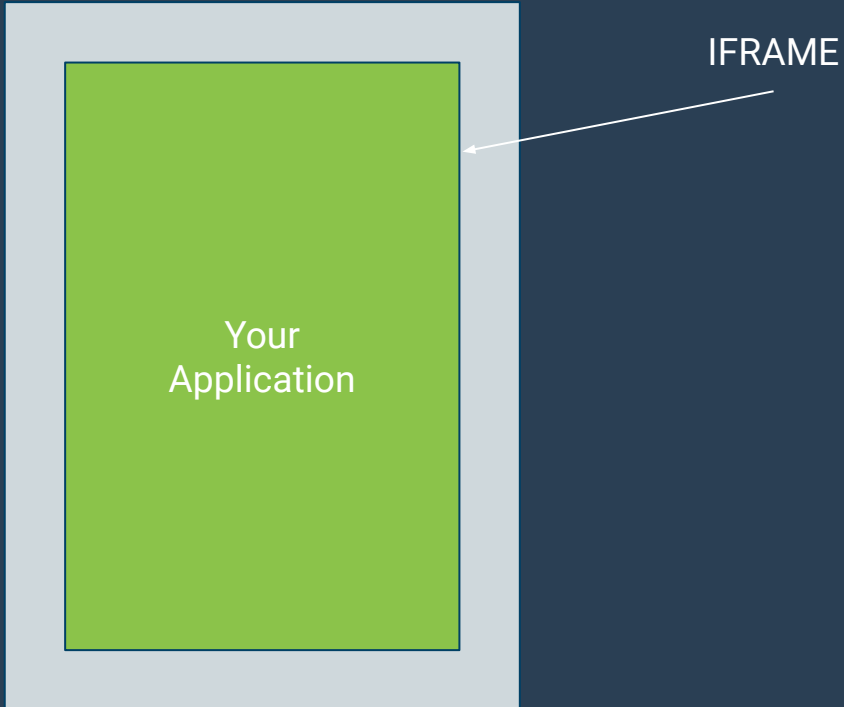
HTTP/1.1 200 OK

The pair of keys generated and their univocal identification are transmitted to the remote server through an https POST call.

The remote host needs to give an answer within 3 seconds.

If a public application into the marketplace does not respond for more than 10 consequential times, it will be removed from the marketplace.

Storen App Workflow - Embedding

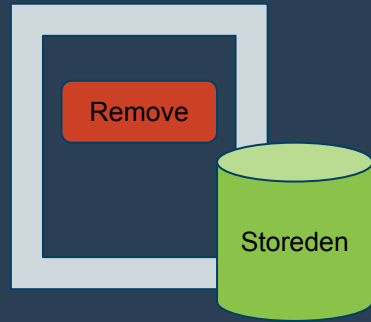


In the application page, an iframe is inserted; it points to the embed url defined for the application.

As soon as in the url will be present the parameter `?(&)instance=` where the univocal identification will be indicated previously sent to the auth URL.

The iframe has a fixed height of 800px. Otherwise with a provided jquery plugin it becomes variable.

Storeden App Workflow - De-Authorization



POST



- instance
- key
- exchange



The pair of keys associated and their univocal identification will be transmitted to the remote server through an https POST call.



HTTP/1.1 200 OK

The remote host must give an HTTPS 200 answer within 3 seconds.

After 10 seconds of application removal request, the Connect API keys are invalidated by the system.

Useful links

Platform Status: <http://status.storeden.cloud>

Developers Portal: <https://developers.storeden.com>

GitHub: <https://github.com/storeden>

Support: customercare@storeden.com

Fb Page: <https://www.facebook.com/storeden/>

Questions ?

For any questions and/or doubts:

massimo.vincenzi@storeden.com

developers@storeden.com