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https://api.kangaroorewards.com

Kangaroo Rewards - API Reference

API Endpoint

https://api.kangaroorewards.com

> **Note.** If you are looking for Users API Reference, it is available at User API Reference

The Kangaroo Rewards API uses HTTP methods and a RESTful endpoint structure. The API authorization framework is OAuth 2.0. You format requests in JSON and the APIs return JSON-formatted responses.

Developers can build an app using Kangaroo Rewards API in their language of choice. To simplify integrations, Kangaroo Rewards provides REST Server SDKs and samples available on Github (in PHP).

KangarooRewards-PHP-SDK - the SDK without Oauth2 support (you will need to handle authentication and request an access token using another library, or by making API calls directly to the authentication endpoints)

OAuth2 Kangaroo Rewards - the OAuth2 Client for Kangaroo Rewards API

REST API sample App - a sample app built in PHP using the SDK: KangarooRewards-PHP-SDK and OAuth2 client: OAuth2 Kangaroo Rewards that helps you to build your app faster.

Tutorials - A list of the most common use cases with step-by-step instructions

Build Your First App Following These Steps ¶

- Step 1: Register an app with Kangaroo Rewards
- Step 2: Implement Authentication
- Step 3: Access Kangaroo Rewards REST API

> **Prerequisite.** To get started, you will need a Kangaroo Rewards Developer account with which to build and test your app. Sign up for free at: api.kangaroorewards.com/developers

APP CAPABILITIES ¶

Your app can do these things and more.

- Access your account information
- Access Business information including branches, offers, rewards etc.
- List all Customers and new Customers
- Reward your customers
- List Custom Rewards and Catalog Items
- Redeem based on amount, points or Catalog Item

The following steps show how your application interacts with Kangaroo's OAuth 2.0 server to obtain a user's consent to perform an API request on the user's behalf. Your application must have that consent before it can execute a Kangaroo API request that requires user authorization.

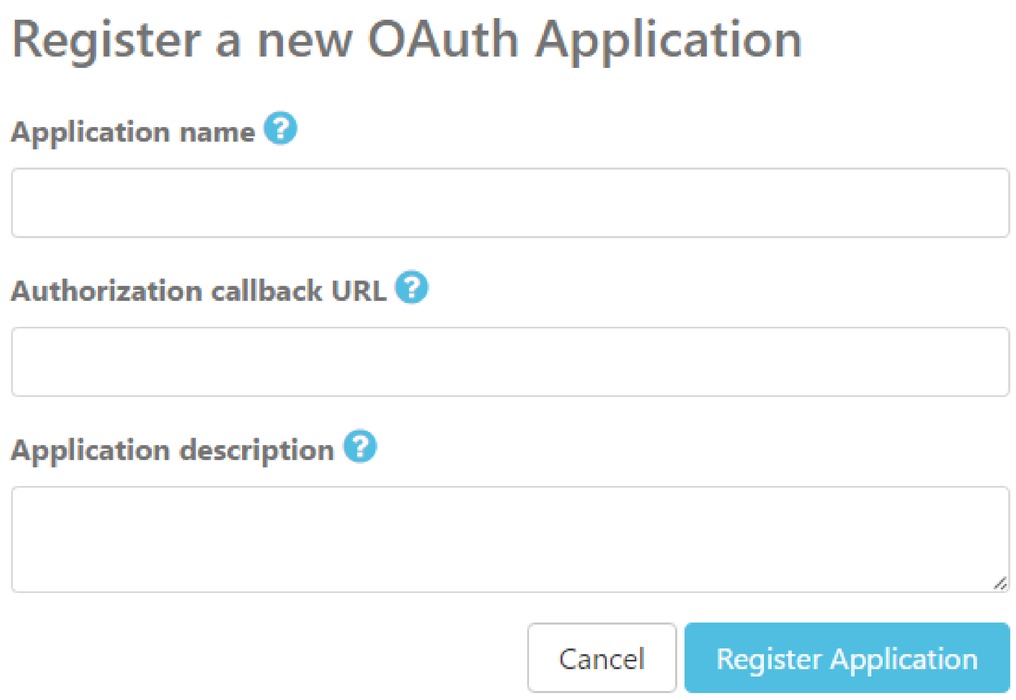
The list below quickly summarizes these steps:

- Your application identifies the permissions it needs.
- Your application redirects the user to Kangaroo Rewards along with the list of requested permissions.
- The user decides whether to grant the permissions to your application.
- Your application finds out what the user decided.
- If the user granted the requested permissions, your application retrieves tokens needed to make API requests on the user's behalf.

REGISTER AN APP WITH KANGAROO REWARDS ¶

Go to Developer Portal. Click on the "Register a new Application" button. Consider using a service account when registering your app at Developer Portal. i.e. "apps@yourcompany.com" - This will ensure your app continues to work if you or the app creator leaves the company.

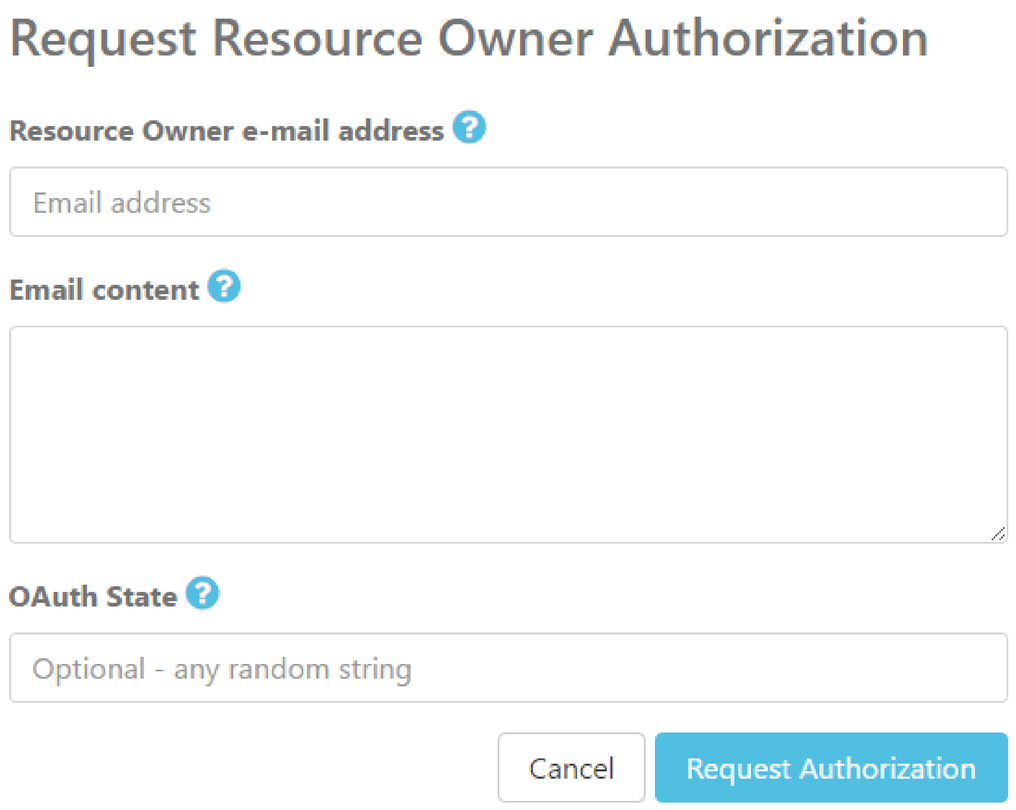
Register a New App - Fields	Description
Application name	The app name which will appear on Authorization dialog.
Authorization callback URL	This must be the page url where the users will be redirected after authorizing your application. Also, The Access Token will be sent to this page
Application description	Optional. This is what the users will see on Authentication page



Once the application is created, it will have a Client ID and Client Secret associated to it. The Client ID is public, but Client Secret must not be shared.

> **Note:** By default, the application you recently created is **NOT Approved**. Please contact Kangaroo Rewards Support and get the application **APPROVED** before continuing with the Authentication implementation.

After you finished building your app and tested it, you may request authorization from the person you are developing the application. He/She will normally be a Business Owner and will receive an email with authorization link.



> **Note:** OAuth state is a random string that is optional, but highly recommended to mitigate CSRF attacks. If you decide to use state parameter in your app and request authorization by email, you have to store the state parameter value in your callback page. A sample code for callback page can be found here

IMPLEMENT AUTHENTICATION ¶

OAuth 2 is an open standard for authorization that enables third-party applications to obtain limited access to Kangaroo Rewards merchant accounts, by delegating user authentication to Kangaroo Rewards.

All developers need to register their application before getting started. A registered OAuth application is assigned a unique Client ID and Client Secret. The Client Secret should not be shared.

Currently Kangaroo Rewards API supports 2 types of authorization:

- Web Application Flow (or Authorization Code flow)
- Password Credentials Grant (or Resource Owner Credentials)

> **NOTE:** When creating a new application please make sure to select the corresponding grant type for your application
>
> - For `Authorization Code` flow the Grant Type MUST be **Authorization Code**
> - For `Resource Owner Credentials` flow the Grant Type MUST be **Password Grant**

OAuth - Web Application Flow ¶

The Kangaroo Rewards OAuth API supports the Authorization Code flow, which is suitable for web applications running on a server. This is a description of the flow for third party applications.

This scenario begins by redirecting a browser (full page or popup) to a Kangaroo Rewards URL with a set of query parameters that indicate the type of Kangaroo Rewards API access the application requires. As in other scenarios, Kangaroo Rewards handles user authentication and consent, and the result is an access token

The application may access a Kangaroo Rewards API after it receives the access token.

> **Note:** Your application should always use HTTPS in this scenario.

1. Request Authorization The URL used when authenticating a user is `https://api.kangaroorewards.com/oauth/authorize`. This endpoint is accessible over SSL, and HTTP connections are refused.

Auth Code Request Endpoint

`https://api.kangaroorewards.com/oauth/authorize`

The set of query string parameters supported by the Kangaroo Authorization Server for client-side applications are:

Parameter	Values	Description
client_id	The client ID you obtain from the Developer Portal when you registered your app	Identifies the client that is making the request. The value passed in this parameter must exactly match the value shown in the Developer Portal
redirect_uri	The URL in your application where users will be sent after authorization.	Determines where the response is sent. The value of this parameter must exactly match the url listed for this app in the Developer Portal (including the http or https scheme, case, and trailing '/').
response_type	**code**	Must be set to "code" to request an authorization code.
scope	Space-delimited set of permissions that the application requests.	A space delimited list of scopes. Identifies the Kangaroo API access that your application is requesting. The values passed in this parameter inform the consent screen that is shown to the user. There is an inverse relationship between the number of permissions requested and the likelihood of obtaining user consent. For information about available scopes, see scopes.
state	Random string	Optional. This parameter is optional but highly recommended. You should store the value of the CSRF token in the user's session to be validated when they return.

All of these parameters will be validated by the authorization server.

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https://api.kangaroorewards.com

The user will then be asked to login to the authorization server and approve the client.

An example URL is shown below

```
https://api.kangaroorewards.com/oauth/authorize?client_id=12345
&redirect_uri=https://example.com/callback
&response_type=code
&scope=admin
```

2. Handling the OAuth 2.0 server response

If the user approves the client they will be redirected from the authorisation server back to the client (specifically to the redirect URI) with the following parameters in the query string:

- *code* with the authorization code
- *state* with the state parameter sent in the original request. You should compare this value with the value stored in the user's session to ensure the authorization code obtained is in response to requests made by this client rather than another client application.

An error response:

```
https://example.com/callback?error=access_denied&state={CSRF}
```

An authorization code response:

```
https://example.com/callback?code=OtHIETVfgY4lQz9IlTx7E3HPmuCVQb8IubZ
```

After the web server receives the authorization code, it can exchange the authorization code for an access token.

3. Request Access Token

The client will now send a **POST** request to the authorization server with the following parameters:

Access Token Request Endpoint:

```
https://api.kangaroorewards.com/oauth/token
```

Parameter	Values	Description
client_id	The client ID you obtain from the Developer Portal when you registered your app	Identifies the client that is making the request. The value passed in this parameter must exactly match the value shown in the Developer Portal
client_secret	The client secret you obtain from the Developer Portal when you registered your app	Identifies the client that is making the request. The value passed in this parameter must exactly match the value shown in the Developer Portal
redirect_uri	The URL in your application where users will be sent after authorization.	Determines where the response is sent. The value of this parameter must exactly match the url listed for this app in the Developer Portal (including the http or https scheme, case, and trailing '/').
grant_type	**authorization_code**	The authorization code
code	Authorization code	The code you received as a response to Step 1

Example Access Token Endpoint

```
> POST /oauth/token HTTP/2
> Host: api.kangaroorewards.com
> User-Agent: curl/7.65.1
> Accept: application/x-www-form-urlencoded
> Content-Type: application/x-www-form-urlencoded
> X-Application-Key: eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9
> Content-Length: 366

| grant_type=authorization_code&client_id=12345&client_secret=8fysa8dfds9fj283&code=def502009ac5c81&redirect_uri=https://example.com/callback&scope=admin
```

Example with curl

```
curl -v -X POST https://api.kangaroorewards.com/oauth/token \
   -H "Accept: application/x-www-form-urlencoded" \
   -H "Content-Type: application/x-www-form-urlencoded" \
   -H "X-Application-Key: eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9..." \
   -d "grant_type=authorization_code \
       &code=def502009ac5c81 \
       &client_id=12345 \
       &client_secret=8fysa8dfds9fj283 \
       &redirect_uri=https://example.com/callback \
       &scope=admin"
```

By default, the response will take the following form:

```
access_token=eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1N&scope=admin&token_type=Bearer
```

A successful response is returned as a JSON array, similar to the following:

```
{
"access_token":"eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsImp0aSI6ImI5ZTk0NTRkYTRmOTY5Y2U2ZTUxMmFlMTRkZTdkMWJhZWQ1NjUyZTcwNmNiOTk2YTE2MjdhMjg0ZDMzMTM2NDNlZmJlZjhiZWU4YWQxMDg4
"refresh_token":"2riNuUlbhlWlMWKb4Jos9FOYgIzz5ZJtK7rQjIgLDu3XsgblD5Xtn44sFieo",
"expires_in":3920,
"token_type":"Bearer"
}
```

4. Use Access Token Now you may use the access token to make requests, on behalf of the user, from the resource server via the API (endpoint: https://api.kangaroorewards.com).

The access token may be used until it expires (24 hours after being issued) or is otherwise invalidated (e.g. user revoked or refresh token used).

Example Access Token Use

```
curl -H "Authorization: Bearer 1234567890987654321-abc34135acde13f13530" https://api.kangaroorewards.com/customers
```

OAuth - Refresh The Access Token Flow

Access tokens have limited lifetimes. If your application needs access to the Kangaroo API beyond the lifetime of a single access token, it can obtain a refresh token. A refresh token allows your application to obtain new access tokens.

If you would like to request a new access token (and new refresh token), you may do so by sending the authorization server a token refresh request. A typical reason for refreshing a token is that the original access token has expired. A refresh token may only be used once, and using it invalidates the access token that it was issued with.

Use Refresh Token grant type

Use the refresh_token in your token refresh request, which is a POST request to the token endpoint with the appropriate parameters.

```
https://api.kangaroorewards.com/oauth/token
```

Parameter	Values	Description
grant_type	`refresh_token`	Must be set to "refresh_token" for an token refresh request.
refresh_token	`def502009d9337d94c8b7d67b05b9d05afb1b6...`	The **refresh_token** that was received with the original access token.
client_id	Your client ID	The value passed in this parameter must exactly match the value shown in the Developer Portal
client_secret	Your client secret	The client secret you obtain from the Developer Portal
scope	`admin`	A list of scopes. Currently we support only one scope, "admin"

Example Refresh Token Request

```
Headers
> Content-Type: application/x-www-form-urlencoded
> X-Application-Key: eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9...

POST https://api.kangaroorewards.com/oauth/token?grant_type=refresh_token
&refresh_token=def502009d9337d94c8b7d67b05b9d05afb1b6
&client_id=12345
&client_secret=8fysa8dfds9fj283
&scope=admin
```

Token Refresh Response

The refresh token response looks just like the normal access token grant. It includes new access and refresh tokens.

Example Refresh Token Request

```
curl --request POST \
  --url http://api.kangaroorewards.com/oauth/token \
  --header 'content-type: application/x-www-form-urlencoded' \
  --header 'x-application-key: eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9' \
  --data 'grant_type=refresh_token&refresh_token=def50200ceef1ff4664d517&client_id=1111&client_secret=cJ57RFk2CibH4o2INJb3L6&scope=admin'
```

Store the Refresh Token

The application should store the refresh token for future use and use the access token to access the Kangaroo API. Once the access token expires, the application uses the refresh token to obtain a new one.

> **Note:** Save refresh tokens in secure long-term storage and continue to use them as long as they remain valid.

Refresh token expiration

You must write your code to anticipate the possibility that a granted refresh token might no longer work. A refresh token might stop working for one of these reasons:

- The user has revoked your app's access.
- The refresh token has not been used for 30 days.

> **Note:** A Refresh Token will expie in 30 days. After 30 days the Refresh Token MUST be refreshed or a new Refresh Token can be obtained by requesting a new Access Token

OAuth - Password Credentials Grant

The Kangaroo Rewards OAuth API also supports the Password Credentials Grant flow, where the resource owner has a trust relationship with the client.

This grant type is suitable for clients capable of obtaining the resource owner's credentials (username and password, typically using an interactive form).

The application may access a Kangaroo Rewards API after it receives the access token.

> **Note:** Your application should always use HTTPS in this scenario.

1. Requesting Tokens

Access Token Request Endpoint:

```
https://api.kangaroorewards.com/oauth/token
```

Once you have created an application with type `password grant`, you may request an access token by issuing a POST request to the `/oauth/token` route with the user's email address and password. If the request is successful, you will receive an access_token and refresh_token in the JSON response from the server.

Parameter	Values	Description
client_id	The client ID you obtain from the Developer Portal when you registered your app	Identifies the client that is making the request. The value passed in this parameter must exactly match the value shown in the Developer Portal
client_secret	The client secret you obtain from the Developer Portal when you registered your app	Identifies the client that is making the request. The value passed in this parameter must exactly match the value shown in the Developer Portal
grant_type	**password**	For password grant
username	john@example.com	The email address
password	YourPass$ord	The password
scope	`admin`	Scopes allow the clients to request a specific set of permissions when requesting authorization to access an account
application_key	The Application Key	The business owner has to provide The Application Key. They can get it from the business portal.

> Note: For oauth/token endpoint the `Content-Type` header must be: `application/x-www-form-urlencoded`

Example Token Request

```
$http = new GuzzleHttp\Client;

$response = $http->post('https://api.kangaroorewards.com/oauth/token', [
    'form_params' => [
        'grant_type' => 'password',
        'client_id' => '{YOUR_CLIENT_ID}',
        'client_secret' => '{YOUR_CLIENT_SECRET}',
        'username' => 'john@example.com',
        'password' => 'your-super-password',
        'application_key' => '{YOUR_APPLICATION_KEY}',
        'scope' => 'admin',
    ],
]);

$token = json_decode((string) $response->getBody(), true);

print_r($token);
```

Curl Example:

```
curl --request POST \
  --url https://api.kangaroorewards.com/oauth/token \
```

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https://api.kangaroorewards.com

```
--header 'Content-Type: application/x-www-form-urlencoded' \
--data grant_type=password \
--data client_id={YOUR_CLIENT_ID} \
--data client_secret={YOUR_CLIENT_SECRET} \
--data username=john@example.com \
--data password=your-super-password \
--data scope=admin \
--data application_key={YOUR_APPLICATION_KEY}
```

A successful response is returned as a JSON array, similar to the following:


```
{
    "access_token":"eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsImp0aSI6ImI5ZTk0NTRkYTRmOTY5Y2U2ZTUxMmFlMTRkZTdkMWJhZWQ1NjUyZTcwNmNiOTk2YTE2MjdhMjg0ZDMzMTM2NDNlZmJlZjhiZWU4YWQx
    "refresh_token":"2riNuUlbhlW1MWKb4Jos9FOYgIzz5ZJtK7rQjIgLDu3XsgblD5Xtn44sFieo",
    "expires_in":3920,
    "token_type":"Bearer"
}
```


Scopes

Scopes limit the type of access that an access token will allow. The Kangaroo Rewards API currently supports one scope, “admin”.

Name	Description
(no scope)	Is not allowed
admin	Grants read/write access to business account, i.e. full access. This allows actions that can be requested using the GET, POST, PUT, and DELETE methods

Access Kangaroo Rewards REST API ¶

The Kangaroo Rewards API allows you to manage resources in a simple, programmatic way using conventional HTTP requests. The endpoints are intuitive and powerful, allowing you to easily make calls to retrieve information.

All of the functionality that you are familiar with in the Kangaroo Rewards App is also available through the API, allowing you to script the complex actions that your situation requires.

> **Note:** The X-Application-Key header is required for all requests

> **NOTE:** All POST, PUT and PATCH requests MUST have the content type header set to `application/json`

```
PUT /users/me/settings/notifications HTTP/1.1
Host: api.kangaroorewards.com
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: eyJ0eXAi...
Authorization: Bearer eyJ0eXAiOiJKV1QiL...
Content-Type: application/json; charset=UTF-8
```

Requests ¶

Method	Usage
GET	For simple retrieval of information about your account, offers, customers etc., you should use the GET method. The information you request will be returned to you as a JSON object. The attributes defined by the JSON object can be used to form additional requests. Any request using the GET method is read-only and will not affect any of the objects you are querying.
POST	To create a new object, your request should specify the POST method. The POST request includes all of the attributes necessary to create a new object. When you wish to create a new object, send a POST request to the target endpoint.
PUT	To update the information about a resource in your account, the PUT method is available.
DELETE	To destroy a resource and remove it from your account, the DELETE method should be used. This will remove the specified object if it is found. If it is not found, the operation will return a response indicating that the object was not found (404 error code).

HTTP Statuses ¶

Along with the HTTP methods that the API responds to, it will also return standard HTTP statuses, including error codes.

In the event of a problem, the status will contain the error code, while the body of the response will usually contain additional information about the problem that was encountered.

In general, if the status returned is in the `200` range, it indicates that the request was fulfilled successfully and that no error was encountered.

Return codes in the `400` range typically indicate that there was an issue with the request that was sent. Among other things, this could mean that you did not authenticate correctly, that you are requesting an action that you do not have authorization for, that the object you are requesting does not exist, or that your request is malformed.

If you receive a status in the `500` range, this generally indicates a server-side problem. This means that we are having an issue on our end and cannot fulfill your request currently.

Responses ¶

When a request is successful, a response body will typically be sent back in the form of a JSON object. An exception to this is when a DELETE request is processed, which will result in a successful HTTP 204 status and an empty response body.

Example Response

```
{
    "data": {
        "name": "john"
        . . .
    }
}
```

Meta ¶

In addition to the main resource root, the response MAY also contain a **meta** object. This object contains information about the response itself. The **meta** object MIGHT contain a **total** key that is set to the total number of objects returned by the request. This has implications on the pagination. The **meta** object MIGHT not be presend or it will only be displayed when it has a value. Currently, the meta object will have a value when a request is made on a collection (like customers).

Pagination ¶

The **meta** object is returned as part of the response body when pagination is enabled. By default, 100 objects are returned per page. You can request a different page by appending ?page= to the request. For instance, to navigate to page 2, you could add ?page=2 to the end of your query

Example:

```
{
    "data": {
        . . .
    },
    "meta": {
        "total": 509
    }
}
```

Rate Limit ¶

The number of requests that can be made through the API is currently limited to 240 per minute per OAuth token or IP. The rate limiting information is contained within the response headers of each request. The relevant headers are:

- **X-RateLimit-Limit** - The number of requests that can be made per minute.
- **X-RateLimit-Remaining** - The number of requests that remain before you hit your request limit.
- **X-RateLimit-Reset** - This represents the time when you are allowed to make requests again. The value
- is given in Unix epoch time You’ll only get **X-RateLimit-Reset** if you’ve hit the limit

Example

```
X-RateLimit-Limit: 239
X-RateLimit-Remaining: 0
X-RateLimit-Reset: 1476571703
```

Best Practices ¶

- **Read the Documentation:** Understand the API’s endpoints, parameters, authentication methods, rate limits, and response formats.
- **Authenticate Properly:** Use the correct authentication method (e.g., OAuth2 Password Credentials, Authorization Code) and handle authentication securely.
- **Respect Rate Limits:** Adhere to the API’s rate limits to avoid being throttled or blocked. Implement backoff strategies if rate limits are exceeded.
- **Refresh Tokens:** When using OAuth for authentication, especially for long-lived sessions or when accessing resources on behalf of a user, utilize refresh tokens. These tokens can be exchanged for new access tokens once they expire, without requiring the user to reauthenticate. This ensures uninterrupted access to the API while maintaining security.
- **Error Handling:** Handle errors gracefully by checking for error responses and implementing appropriate error-handling mechanisms.
- **Security:** Ensure data security by using `HTTPS`, validating user input, and sanitizing data to prevent injection attacks.
- **Versioning:** Keep track of API version changes and update your code accordingly to maintain compatibility.
- **Optimize Requests:** Minimize unnecessary requests by batching or caching data when possible to reduce latency and improve performance.
- **Monitor Usage:** Monitor API usage to identify any issues or performance bottlenecks and optimize accordingly.
- **Handle Pagination:** Implement pagination when working with large datasets to retrieve data efficiently in manageable chunks.
- **Feedback and Support:** Provide feedback on usability, documentation, and feature requests. Utilize support channels if you encounter issues or have questions.

By following these best practices, you can ensure efficient, secure, and reliable integration with Kangaroo Rewards’ APIs.

Account ¶

Account ¶

RESOURCE ¶

GET `/me`

This is an object representing your Kangaroo account. You can retrieve it to see properties on the account like its current e-mail address, settings etc.

Example

```
GET /me HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

> **NOTE:** You could also request more information using include parameter. All possible values:

- **offers** - include business offers in the response
- **products** - include products in the response
- **giftcards** - include gift cards in the response
- **catalog_items** - include Redemption Catalog in the response
- **social_media** - include social media links in the response
- **branches** - include business branches in the response

Example

```
https://api.kangaroorewards.com/me?include=branches,products,offers
```

GET https://api.kangaroorewards.com/me

Requests example 1

Headers

```
Authorization: Bearer <access_token>
Accept: application/vnd.kangaroorewards.api.v1+json;
```

Responses 200

Headers

```
Content-Type: application/json
```

Body


```
{
  "data": {
    "id": "11e696103f8ff5eabb02089e01cf89b5",
    "profile": {
      "id": "11e696103f8ff5eabb02089e01cf89b5",
      "username": "johndoe",
      "email": "johndoe@example.com",
      "first_name": "John",
      "last_name": "Doe"
    },
    "business": {
      "id": "22e696103f8fa5eabb02089e01cf89c1",
      "name": "Retrorant",
      "loyalty_type": "per_visit",
      "about": "Retrorant has cuisines in houses across the city.",
      "logo": "https://www.kangaroorewards.com/photos/1473392787_57d23093693fe.jpg",
      "cover": "https://www.kangaroorewards.com/photos/1465232980_5755ae54d57635.61967004.jpg"
    }
  }
}
```


Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "object",
      "properties": {
        "id": {
          "type": "string"
        },
        "profile": {
          "type": "object",
          "properties": {
            "id": {
              "type": "string"
            },
            "username": {
              "type": "string"
            },
            "email": {
              "type": "string"
            },
            "first_name": {
```

```
            "type": "string"
          },
          "last_name": {
            "type": "string"
          }
        }
      },
      "business": {
        "type": "object",
        "properties": {
          "id": {
            "type": "string"
          },
          "name": {
            "type": "string"
          },
          "loyalty_type": {
            "type": "string"
          },
          "about": {
            "type": "string"
          },
          "logo": {
            "type": "string"
          },
          "cover": {
            "type": "string"
          }
        }
      }
    }
  }
}
```

Customers ¶

CUSTOMER COLLECTION ¶

GET `/customers` — Retrieve all customers

Returns a list of your customers

Query Parameters

Name	Type	Description
page	integer	`Optional.` Provide this to retrieve the next set of results for your original query. Default value page=1
created_at	string	`Optional.` Filter by created date. See Filtering
updated_at	string	`Optional.` Filter by updated date. See Filtering
email	string	`Optional.` Filter by email address. See Filtering
phone	string	`Optional.` Filter by phone number. See Filtering
include	string	Optional. You can optionally request that the response includes other related resources. To do so, specify include=balance in your request.

> **Include related resources**
>
> - **balance** - includes customer's balance for business in the response

> **NOTE:** The value of the include or relationships parameter MUST be a comma-separated (",") list of relationship names.

Examples

```
GET /customers HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsImp0aSI6ImFmODNk
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

Response Body

```
{
    "data": [
        {
            "id": "11E696103F8FF5EABB02089E01CF89B5",
            "email": "john1@example.com",
            "phone": "5140000001",
            "first_name": "Adam",
            "last_name": "Pappas"
        },
        {
            "id": "11E696103F8FD85CBB02089E01CF89B5",
            "email": "john2@example.com",
            "phone": "5140000002",
            "first_name": "Alain",
            "last_name": "Trepanier"
        }
        . . .
    ],
    "cursor": {
        "count": 100,
        "next": 2,
        "next_uri": "/customers?page=2"
    },
    "meta": {
        "total": 145
    }
}
```

Example with balance

```
GET /customers?include=balance HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsImp0aSI6ImFmODNk
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

Response Body

```
{
    "data": [
        {
            "id": "11E696103F8FF5EABB02089E01CF89B5",
            "email": "john1@example.com",
            "phone": "5140000001",
            "first_name": "Adam",
            "last_name": "Pappas",
            "balance": {
                "points": 100,
                "giftcard": 0
            }
        }
        . . .
    ]
}
```

Filtering

When submitting a GET request, you can ask it to return only customers that meet specific criteria. To filter customers, in the query string, specify one or more fields with an operator, followed by a separator (`|`) and the values for the following:

Fields:

- `created_at` - Filter by created date
- `updated_at` - Filter by updated date
- `email` - Filter by email address
- `phone` - Filter by phone number

Operators:

- `gt` - Greater Than
- `gte` - Greater Than or Equal
- `lt` - Less Than
- `lte` - Less Than or Equal
- `eq` - Equal

Filter Syntax

A single filter uses the form: `field=operator|VALUE`

Each URL query parameter **must be URL encoded**.

Example: Retrieve all customers that have created date greather than 2017-01-27T14:37:16+0000

`GET /customers?created_at=gt|2023-01-27T14:37:16+0000`

Example: Retrieve all customers that have email address equal to john@example.com

`GET /customers?email=eq|john@example.com`

Example: Retrieve all customers that have phone number equal to 5141234567

`GET /customers?phone=eq|5141234567`

GET https://api.kangaroorewards.com/customers

Requests: example 1

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
```

Responses: 200

Headers

```
Content-Type: application/json
```

Body

```
{
  "data": [
    {
      "id": "11e696103f8ff5eabb02089e01cf89b5",
      "first_name": "Battery",
      "last_name": "Harris",
      "email": "johndoe@example.com",
      "phone": "5141234567",
      "birth_date": "1963-03-28",
      "gender": "male",
      "balance": {
        "points": 135,
        "giftcard": 21.35
      }
    }
  ]
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "array"
    }
  }
}
```

CUSTOMER COLLECTION ¶

POST `/customers` — Create a customer

Create a customer.

Body parameters

Name	Type	Description
email	string	**Required.** Required if no phone number provided
phone	string	**Required.** Required if no email provided
country_code	string	**Required with phone.** The customer's country, in ISO 3166-1-alpha-2 format.
first_name	string	**Optional.** First Name
last_name	string	**Optional.** Last Name
language	string	**Optional.** Communication language. Possible values `en` - English, `fr` - French, `es` - Spanish
gender	string	**Optional.** Possible values `male`, `female`
referral	object	**Optional.** Referral object
referral.referral_program_id	integer	**Required with `referral`.** Referral Program ID
referral.referrer_id	string	**Required with `referral`.** Referrer ID (Customer ID)

Example

```
POST /customers HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsImp0aSI6ImFmODNk
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{ "email" : "john2@example.com", "first_name": "John", "last_name": "Doe" }
```

Respone Body

```
{
    "data": {
        "id": "11e69610410894b2bb02089e01cf89b5",
        "email": "johndoe@example.com",
        "phone": "5140000001",
        "first_name": "John",
        "last_name": "Doe"
```

POST https://api.kangaroorewards.com/customers

Requests: example 1

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
```

Body

```
{
  "first_name": "John",
  "last_name": "Doe",
  "email": "johndoe@example.com",
  "birth_date": "1963-03-28",
  "language": "en",
  "gender": "male"
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "first_name": {
      "type": "string"
    },
    "last_name": {
      "type": "string"
    },
    "email": {
      "type": "string"
    },
    "birth_date": {
      "type": "string",
      "description": "Date of birth"
    },
    "language": {
      "type": "string",
```

```
    }
}
```

Example. Create a customer from referral.

> Note: Referral program is required and must be active.
> Referrer id (customer id who referred) is required
> Referral record must not exist

```
POST /customers
{
  "email": "john@example.com",
  "referral": {
    "referral_program_id": 1056,
    "referrer_id": "11eaa697ae8f46bd9df9b42e99312ac8"
  }
}
```

```
    "description": "Communication language. Possible values `en` - English, `fr` - French, `es` - Spanish"
   },
   "gender": {
    "type": "string",
    "description": "Customer's gender. Can be male or female"
   }
  },
  "required": [
   "email"
  ]
}
```

Responses 200 400 422

Headers

```
Content-Type: application/json
```

Body

```
{
  "data": {
    "id": "11e696103f8ff5eabb02089e01cf89b5",
    "first_name": "Battery",
    "last_name": "Harris",
    "email": "johndoe@example.com",
    "phone": "5141234567",
    "birth_date": "1963-03-28",
    "gender": "male",
    "balance": {
      "points": 135,
      "giftcard": 21.35
    }
  }
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "object",
      "properties": {
        "id": {
          "type": "string"
        },
        "first_name": {
          "type": "string",
          "description": "First name for the Customer."
        },
        "last_name": {
          "type": "string",
          "description": "Last name for the Customer."
        },
        "email": {
          "type": "string"
        },
        "phone": {
          "type": "string"
        },
        "birth_date": {
          "type": "string",
          "description": "Date of birth"
        },
        "gender": {
          "type": "string",
          "description": "Customer's gender. Can be male or female"
        },
        "balance": {
          "type": "object",
          "properties": {
            "points": {
              "type": "number"
            },
            "giftcard": {
              "type": "number"
            }
          }
        }
      }
    }
  }
}
```

CUSTOMER RESOURCE

GET `/customers/{id}{?include}` — Retrieve a customer

Returns a single customer.

Path Parameters

Name	Type	Description
customer_id	string	Required. The ID of the customer

Query Parameters

Name	Type	Description
include	string	Optional. You can optionally request that the response includes other resources. To do so, specify include=balance in your request.
relationships	string	Optional. You can optionally request that the response includes other related resources. To do so, specify relationships=address in your request.

> **NOTE:** You could also request more information using include or relationships parameter.
>
> Include:
>
> - **balance** - includes customer's balance for business in the response
> - **tier_level** - includes customer's current tier level in the response
> - **tier_progress** - includes customer's tier progress
> - **tiers** - includes tiers
> - **referral_programs** - includes referral programs and referral link for customer
>
> Relationships:
>
> - **tier_levels** - includes tier levels in tier resource. Only with include=tiers
> - **user_type** - includes user type resource
> - **address** - includes customer's address in the response

> **NOTE:** The value of the include or relationships parameter MUST be a comma-separated (",") list of relationship names.

Example

```
GET /customers/11e696104008894b2bb02089e01cf89b5?include=balance,tier_level HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsImp0aSI6ImFmODNk
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

Response Body

```
{
    "data": {
        "id": "11e696104008894b2bb02089e01cf89b5",
        "email": "johndoe@example.com",
        "phone": "5140000001",
        "first_name": "John",
        "last_name": "Doe"
    },
    "included": {
        "balance": {
            "points": 1000,
            "giftcard": 10.00
        },
        "tier_level": {
            "id": 1,
            "name": "Platinum",
            "reach_spend": 2,
            "reach_visits": 2,
            "reach_points": 2
        }
    }
}
```

Example with customer's address in the response

```
GET /customers/11e696104008894b2bb02089e01cf89b5?relationships=address HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsImp0aSI6ImFmODNk
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

Example: include tier progress and tier level

```
GET /customers/11e696104008894b2bb02089e01cf89b5?include=tier_level,tier_progress,tiers&relationships=tier_levels
```

Where:

`included.tier_level` - the current tier for customer

`included.tiers` - the list of tiers

`included.tier_progress` - the tier progress for customer at the moment

Response Body

```
{
    "data": {
        "id": "11e696104008894b2bb02089e01cf89b5",
        "email": "johndoe@example.com",
        "phone": "5140000001",
        "first_name": "John",
        "last_name": "Doe"
        ...
    },
    "included": {
        "tier_level": {
        "id": 1,
        "name": "VIP",
        "reach_spend": 0,
        "reach_visits": 0,
        "reach_points": 10
        },
        "tiers": [
            {
                "id": 1,
                "tiers_sequence": [
                    "2"
                ],
                "tiers_relation": 0,
                "reset_type": 2,
                "reset_period_month": 8,
                "base_previous_period": 0,
                "enabled": true,
                "tier_levels": [
                    {
                        "id": 1,
                        "name": "VIP",
```

GET https://api.kangaroorewards.com/customers/11e696103f8ff5eabb02089e01cf89b5?include=balance,tier

Requests example 1

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
```

Responses 200 404

Headers

```
Content-Type: application/json
```

Body

```
{
  "data": {
    "id": "11e696103f8ff5eabb02089e01cf89b5",
    "first_name": "Battery",
    "last_name": "Harris",
    "email": "johndoe@example.com",
    "phone": "5141234567",
    "birth_date": "1963-03-28",
    "gender": "male",
    "balance": {
      "points": 135,
      "giftcard": 21.35
    }
  }
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "object",
      "properties": {
        "id": {
          "type": "string"
        },
        "first_name": {
          "type": "string",
          "description": "First name for the Customer."
        },
        "last_name": {
          "type": "string",
          "description": "Last name for the Customer."
        },
        "email": {
          "type": "string"
        },
        "phone": {
          "type": "string"
        },
        "birth_date": {
          "type": "string",
          "description": "Date of birth"
        },
        "gender": {
          "type": "string",
          "description": "Customer's gender. Can be male or female"
        },
        "balance": {
          "type": "object",
          "properties": {
            "points": {
              "type": "number"
            },
            "giftcard": {
              "type": "number"
            }
          }
        }
      }
    }
  }
}
```

- Overview
- Account
- Customers
- Customer Transactions
- Customer Offers
- Customer Available Coupons
- Customer Actions
- Claimable Offers
- Customer Rewards
- Customer Consents
- Customer CRM fields
- Customer Targeted Offers
- Transactions
- Transaction Details
- Rewards
- Product Rewards
- Offers
- Offer Images
- Products
- Branches
- Tiers
- Referral Programs
- Business Rules
- Workflow Main Triggers
- Workflow Main Actions
- Workflows
- Reviews
- Questions
- Question Replies

https://api.kangaroorewards.com


```
                    "reach_spend": 0,
                    "reach_visits": 0,
                    "reach_points": 10
                },
                {
                    "id": 2,
                    "name": "Platinum",
                    "reach_spend": 0,
                    "reach_visits": 0,
                    "reach_points": 20
                }
            ]
        }
    ],
    "tier_progress": {
        "total_amount": null,
        "total_points": 10,
        "total_visits": null,
        "left_amount": null,
        "left_points": 10,
        "left_visits": null,
        "tiers_relation": 0,
        "start_date": "2020-08-01T00:00:00+00:00",
        "end_date": "2022-07-31T23:59:59+00:00",
        "tier_level": "VIP",
        "next_tier_level": "Platinum",
        "tier_progress": 0
    }
  }
}
```


Example get the referral program and referral link for a customer

```
GET /customers/{customerId}?include=referral_programs
```

Response:


```
{
  "data": {
    "id": "11ec045006743d2b9d2eb42e99312ac8",
    "email": "john@example.com",
    "phone": null,
    "first_name": "John",
    "last_name": "Doe"
  },
  "included": {
    "referral_programs": [
      {
        "id": 1109,
        "rule_name": "BACKEND_REFERRAL_RULES_PURCHASE",
        "cond_min_amount": 10,
        "referee_earns": 0,
        "referer_earns": 0,
        "expires_in": 60,
        "enabled": true,
        "link_referral_enabled": true,
        "referral_link": "https://krn.biz/15b9hZaM"
      }
    ]
  }
}
```


URI Parameters Hide

id `string` (required) **Example:** 11e696103f8ff5eabb02089e01cf89b5
The unique ID of the customer.

include `enum` (optional) **Example:** balance,tier
related resources to include in the response

CUSTOMER RESOURCE

PUT `/customers/{id}` — Update a customer

PUT https://api.kangaroorewards.com/customers/11e696103f8ff5eabb02089e01cf89b5

Updates the details of an existing customer.

Body parameters

Name	Type	Description
email	string	**Optional.** The customer's email address.
phone	string	**Optional.** The customer's phone number.
country_code	string	**Optional.** Required only if phone number supplied. The customer's country, in ISO 3166-1-alpha-2 format.
first_name	string	**Optional.** First Name
last_name	string	**Optional.** Last Name
language	string	**Optional.** Communication language. Possible values `en` - English, `fr` - French, `es` - Spanish
gender	string	**Optional.** Possible values `male`, `female`
enabled	boolean	**Optional.** Possible values `true`, `false`

Example

```
PUT /customers/12e69610400894b2b02089e01cf89b5 HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJSU...
X-Application-Key: eyXai0XD7SLLzaOeJW...
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{ "email" : "johndoe@example.com", "phone": "5140000001", "first_name": "John", "last_name": "Doe" }
```

Respone Body


```
{
    "data": {
        "id": "11e69610410894b2bb02089e01cf89b5",
        "email": "johndoe@example.com",
        "phone": "5140000001",
        "first_name": "John",
        "last_name": "Doe"
    }
}
```


Activate or deactivate a customer

```
PUT /customers/12e69610400894b2b02089e01cf89b5
{
  "enabled": true
}
```

```
PUT /customers/12e69610400894b2b02089e01cf89b5
{
 "enabled": false
}
```

Update address

```
PUT /customers/12e69610400894b2b02089e01cf89b5
{
  "address": {
    "street": "9500 Madisson Avenue",
    "city": "Austin",
    "region": "Texas",
    "country": "United States",
    "country_code": "US",
    "lat": 47.22,
    "long": 33.33,
    "zip_code": "78757"
  }
}
```

URI Parameters Hide

id `string` (required) **Example:** 11e696103f8ff5eabb02089e01cf89b5
The unique ID of the customer.

Requests: example 1

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
```

Body

```
{
  "first_name": "John",
  "last_name": "Doe",
  "email": "johndoe@example.com",
  "birth_date": "1963-03-28",
  "language": "en",
  "gender": "male"
}
```

Schema


```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "first_name": {
      "type": "string"
    },
    "last_name": {
      "type": "string"
    },
    "email": {
      "type": "string"
    },
    "birth_date": {
      "type": "string",
      "description": "Date of birth"
    },
    "language": {
      "type": "string",
      "description": "Communication language. Possible values `en` - English, `fr` - French, `es` - Spanish"
    },
    "gender": {
      "type": "string",
      "description": "Customer's gender. Can be male or female"
    }
  },
  "required": [
    "email"
  ]
}
```


Responses: 200 400 404 422

Headers

```
Content-Type: application/json
```

Body


```
{
  "data": {
    "id": "11e696103f8ff5eabb02089e01cf89b5",
    "first_name": "Battery",
    "last_name": "Harris",
    "email": "johndoe@example.com",
    "phone": "5141234567",
    "birth_date": "1963-03-28",
    "gender": "male",
    "balance": {
      "points": 135,
      "giftcard": 21.35
    }
  }
}
```


Schema


```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "object",
      "properties": {
        "id": {
          "type": "string"
        },
        "first_name": {
          "type": "string",
          "description": "First name for the Customer."
        },
        "last_name": {
          "type": "string",
          "description": "Last name for the Customer."
        },
        "email": {
          "type": "string"
        },
        "phone": {
          "type": "string"
        },
        "birth_date": {
          "type": "string",
          "description": "Date of birth"
        },
        "gender": {
          "type": "string",
          "description": "Customer's gender. Can be male or female"
        },
        "balance": {
          "type": "object",
          "properties": {
            "points": {
              "type": "number"
            },
            "giftcard": {
              "type": "number"
            }
          }
        }
      }
    }
  }
}
```


CUSTOMER RESOURCE

DELETE `/customers/{id}` — Delete a customer

DELETE https://api.kangaroorewards.com/customers/11e696103f8ff5eabb02089e01cf89b5

Deletes the customer with the requested id.

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https://api.kangaroorewards.com

URI Parameters Hide

id `string` (required) **Example:** 11e696103f8ff5eabb02089e01cf89b5
The unique ID of the customer.

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
```

Responses 204 404

Headers

```
Content-Type: application/json
```

Customer Transactions

TRANSACTION

GET `/customers/{customer_id}/transactions` List all transactions

Returns a list of transactions

Path Parameters

Name	Type	Description
customer_id	string	Required. The ID of the customer

Query Parameters

Name	Type	Description
page	integer	`Optional.` Provide this to retrieve the next set of results for your original query. Default value page=1
per_page	integer	`Optional.` Provide this to set the number of items in the page. Default value 15; Maximum value 100
relationships	enum	`Optional.` You can optionally request the response to include related resources
include	string	`Optional.` You can optionally request that the response includes other resources. Specify include=ecom_coupon in your request.
created_at	string	`Optional.` Filter by created date. See Filtering
updated_at	string	`Optional.` Filter by updated date. See Filtering

Examples

```
GET /customers/12e6a34f8e89eb1e9708089e01cf89b5/transactions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsImp0aSI6ImFmODNk...
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

Response Body


```
{
    "data": [
        {
            "id": 1991625373,
            "amount": 0,
            "points": 100,
            "name": "Redemption",
            "created_at": "2017-10-06T15:55:06+00:00",
            "utc_updated": "2017-10-06T15:55:06+00:00"
        },
        {
            "id": 599112524,
            "amount": 5,
            "points": 50,
            "name": "Reward",
            "created_at": "2017-03-24T22:13:15+00:00",
            "utc_updated": "2017-03-24T22:13:15+00:00"
        }
        ...
    ],
    "links": {
        ...
    },
    "meta": {
        ...
    }
}
```


Relationships

> **NOTE:** You could also request more information using relationship parameter. All possible values:
>
> - **branch** - includes branch object for each transaction
> - **transaction_details** - includes transaction details for each transaction, the transaction is not always having transaction_details.

Include

> **NOTE:** You could also request other resource using include parameter. All possible values:
>
> - **ecom_coupon** - includes ecom coupon object for each transaction

The value of the include or relationships parameter MUST be a comma-separated (",") list of relationship names.

Example

```
GET /customers/12e6a34f8e89eb1e9708089e01cf89b5/transactions?relationships=branch,transaction_details HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: eyXai0XD7SLLzaOeJW
Content-Type: application/json
```

Response Body


```
{
  "data": [
    {
        "id": 1991625373,
        "amount": 0,
        "points": 100,
        "name": "Redemption",
        "created_at": "2017-10-06T15:55:06+00:00",
        "utc_updated": "2017-10-06T15:55:06+00:00",
        "branch": {
            "id": "11e6a34f8e89eb0e9708089e01cf89b5",
            "name": "Retrorant",
            ...
        },
        "transaction_details": null
    }
  ]
}
```


Filtering

Supported Fields:

- `created_at` - Filter by created date
- `updated_at` - Filter by updated date
- `transaction_type` - Filter by transaction type

Example:

Filter by date

`GET /customers/12e6a34f8e89eb1e9708089e01cf89b5/transactions?created_at=between|2020-10-01T23:15:25+00:00,2020-10-31T23:15:25+00:00`

`GET /customers/12e6a34f8e89eb1e9708089e01cf89b5/transactions?created_at=gte|2020-10-01T23:15:25+00:00`

Filter by type

`GET /customers/12e6a34f8e89eb1e9708089e01cf89b5/transactions?transaction_type=eq|4` - reward

`GET /customers/12e6a34f8e89eb1e9708089e01cf89b5/transactions?transaction_type=eq|5` - redeem

Filter by branch

`GET /customers/12e6a34f8e89eb1e9708089e01cf89b5/transactions?branch.id=eq|11eaa5c938ec36cc9df9b42e99312ac8`

See Filtering

URI Parameters Hide

customer_id `string` (required) **Example:** 12e6a34f8e89eb1e9708089e01cf89b5
ID of the customer

GET https://api.kangaroorewards.com/customers/12e6a34f8e89eb1e9708089e01cf89b5/transactions

Requests example 1

Headers

```
Authorization: Bearer <access_token>
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: <your_application_key>
```

Responses 200 403 404

Headers

```
Content-Type: application/json
```

Body


```
{
  "data": [
    {
      "id": 256559,
      "amount": 5.25,
      "points": 5,
      "name": "Reward",
      "created_at": "2017-03-06T19:45:47+0000",
      "updated_at": "2017-03-06T19:45:47+0000"
    },
    {
      "id": 256571,
      "amount": 0,
      "points": 50,
      "name": "Redeem",
      "created_at": "2017-03-06T19:45:47+0000",
      "updated_at": "2017-03-06T19:45:47+0000"
    }
  ]
}
```


Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "array"
    }
  }
}
```

Customer Offers

CUSTOMER OFFER

GET `/customers/{customer_id}/offers` List all offers

List all offers for a customer. This includes all types of offers: Points Multiplier, Free Product, Bonus Points, Regular/Basic offer (discount, free item, points) that a customer can choose from. Each offer might have a list of actions for that customer.

- Basic Offer (coupon) - `type_id: 8,9,10`
- Points Multiplier - `type_id: 1`
- Free Product - `type_id: 2`
- Bonus Points - `type_id: 3`

See all Offer Types

Path Parameters

Name	Type	Description
customer_id	string	Required. The ID of the customer

Query Parameters

Name	Type	Description
relationships	enum	`Optional.` You can optionally request that the response include the branch object. To do so, specify relationships=branch in your request.
coupon_type_id	mixed	`Optional.` This parameter filters offers based on their type, allowing users to specify the category of offers they want to view, such as pending, claimed, or convertible
per_page	integer	`Optional.` Provide this to set the number of items in the page. Default value 15; Maximum value 100
page	integer	`Optional.` Provide this to retrieve the next set of results for your original query. Default value page=1

Example

```
GET /customers/12e6a34f8e89eb1e9708089e01cf89b5/offers HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

Response Body


```
{
  "data": [
    {
        "id": 552,
        "points": 0,
        "expires_at": "2017-04-01T03:59:59+0000",
        "discount_value": 0,
        "multip_factor": 2,
        "real_value": 0,
        "type": "points_multiplier",
        "title": "Multiply your points",
        "description": "Come on Monday and Multiply your points",
```


GET https://api.kangaroorewards.com/customers/12e6a34f8e89eb1e9708089e01cf89b5/offers

Requests example 1

Headers

```
Authorization: Bearer <access_token>
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: <your_application_key>
```

Responses 200

Headers

```
Content-Type: application/json
```

Body


```
{
  "data": [
    {
      "id": "111",
      "title": "Offer Title",
      "points": "3000",
      "type": "free_product",
      "description": "Some Offer Description",
      "expires_at": "2027-06-27T02:59:59+00:00",
      "multip_factor": 2
    },
    {
      "id": "112",
      "title": "Offer Title 2",
      "points": "50000",
      "type": "free_product",
      "description": "Some Offer Description",
      "expires_at": "2027-04-27T02:59:59+00:00",
      "multip_factor": 0
    }
  ]
}
```


Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
```

```
        "images": [...],
        "actions": [
            {
                "type": "get_coupon"
            }
        ]
    }
  ]
}
```

Coupon Types

- `coupon_type_id: 74` - Regular coupon percentage, amount or free item - available for redemption
- `coupon_type_id: 75` - Regular coupon percentage, amount or free item - redeemed
- `coupon_type_id: 91` - Convertible coupon available for redemption
- `coupon_type_id: 92` - Convertible coupon redeemed

Filtering by specific type can be done using the `coupon_type_id` query string parameter:

`/customers/{id}/offers` - Show all offers for a customer, including targeted, claimable, or previously claimed/redeemed.

`coupon_type_id=eq|74` - Show only regular offers that are pending to claim/redeem.

`coupon_type_id=in|74,91` - Show only regular offers and convertible coupons that are pending to claim/redeem.

`coupon_type_id=eq|75` - Show only regular offers that were previously claimed/redeemed.

`coupon_type_id=not_in|74,75,91,92` - Show all offers that are not pending to claim and not previously claimed.

Relationships

> **NOTE:** You could also request more information using relationship parameter. All possible values:
>
> - **branch** - includes branch object in the response

The value of the relationships parameter MUST be a comma-separated (",") list of relationship names.

Example

```
GET /customers/12e6a34f8e89eb1e9708089e01cf89b5/offers?relationships=branch HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: eyXai0XD7SLLzaOeJW
Content-Type: application/json
```

Response Body

```
{
  "data": [
    "id": 123,
    "points": 0,
    "expires_at": "2017-07-01T03:59:59+0000",
    "discount_value": 0,
    "multip_factor": 0,
    "real_value": 0,
    "type": "free_product",
    "title": "Offer Title",
    "description": "",
    "images": [...],
    "branch": {
      "id": "11e6a34f8e89eb0e9708089e01cf89b5",
      "name": "Pizza Nova",
      "web_site": null,
      "logo": {
        "large": null,
        "medium": null,
        "thumbnail": null
      },
      "cover_photo": {
        "large": null,
        "medium": null,
        "thumbnail": null
      }
    }
  ]
}
```

URI Parameters Hide

customer_id `string` (required) **Example:** 12e6a34f8e89eb1e9708089e01cf89b5
ID of the customer

Customer Available Coupons

CUSTOMER AVAILABLE COUPONS

GET `/customers/{customer_id}/available-coupons` List all Available Coupons

List all Available Coupons for a customer. Each coupon has a related offer

Path Parameters

Name	Type	Description
customer_id	string	Required. The ID of the customer

Query Parameters

Name	Type	Description
per_page	integer	`Optional.` Provide this to set the number of items in the page. Default value 15; Maximum value 100
page	integer	`Optional.` Provide this to retrieve the next set of results for your original query. Default value page=1

Example

```
GET /customers/12e6a34f8e89eb1e9708089e01cf89b5/available-coupons HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

Response Body

```
{
  "data": [
    {
        "id": 123456,
        "qrcode": "66668496",
        "coupon_locked": false,
        "coupon_type_id": 74,
        "expires_at": "2019-10-07T20:03:25+00:00",
        "offer": {
            "id": 1234,
            "points": 0,
            "expires_at": "2028-10-01T03:59:59+0000",
            "discount_value": 10,
            "multip_factor": 0,
            "real_value": 0,
            "type": "discount_percentage",
            "type_id": 9,
            "targeted_offer_flag": 1,
            "title": "Coupon 10% OFF",
            "description": "",
            "images": [...]
        }
    }
  ]
}
```

Coupon Types

- coupon_type_id: 74 - Regular coupon percentage, amount or free item - available for redemption
- coupon_type_id: 75 - Regular coupon percentage, amount or free item - redeemed
- coupon_type_id: 91 - Convertible coupon available for redemption
- coupon_type_id: 92 - Convertible coupon redeemed

> **NOTE:** Only coupon type ID 74 can be claimed A coupon MUST be assigned to customer before it will be available for redemption In order to assign a coupon to a customer create a transaction with intent: `get_coupon`, customer and offer object

Example assign a coupon to customer

```
POST /transactions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
    "intent": "get_coupon",
    "customer": {
        "id": "11e696103f8ff5eabb02089e01cf89b5"
    },
    "offer": {
        "id": 1234
    }
}
```

Response Body

```
{
    "data": {
        "id": 1892267,
        "amount": 0,
        "points": 0,
        "name": "Coupon Tagged",
        "created_at": "2019-10-04T16:07:33+00:00",
        "updated_at": "2019-10-04T16:07:33+00:00",
        "offers": [...],
        "coupon": {
            "id": 512572,
            "qrcode": "12428967",
            "coupon_locked": false,
            "coupon_type_id": 74,
            "expires_at": "2019-10-14T16:07:33+00:00",
            "offer": {...}
        }
    }
}
```

Example claim a coupon (redeem)

```
POST /transactions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
    "intent": "claim_coupon",
    "customer": {
        "id": "11e696103f8ff5eabb02089e01cf89b5"
    },
    "offer": {
        "id": 1234
    },
    "coupon": {
        "id": 512572
    }
}
```

```
  "properties": {
    "data": {
      "type": "array"
    }
  }
}
```

GET https://api.kangaroorewards.com/customers/12e6a34f8e89eb1e9708089e01cf89b5/available-coupons

Requests example 1

Headers

```
Authorization: Bearer <access_token>
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: <your_application_key>
```

Responses 200

Headers

```
Content-Type: application/json
```

Body

```
{
  "data": [
    {
      "id": 1000,
      "qrcode": "66668496",
      "coupon_locked": false,
      "coupon_type_id": 74,
      "expires_at": "2019-10-07T20:03:25+00:00",
      "offer": {
        "id": 111,
        "title": "Offer Title",
        "points": "3000",
        "type": "discount_percentage",
        "description": "Some Offer Description",
        "expires_at": "2027-06-27T02:59:59+00:00",
        "multip_factor": 2
      }
    },
    {
      "id": 1001,
      "qrcode": "62368496",
      "coupon_locked": false,
      "coupon_type_id": 91,
      "expires_at": "2019-10-07T20:03:25+00:00",
      "offer": {
        "id": 112,
        "title": "Offer Title 2",
        "points": "50000",
        "type": "discount_amount",
        "description": "Some Offer Description",
        "expires_at": "2027-04-27T02:59:59+00:00",
        "multip_factor": 0
      }
    }
  ]
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "array"
    }
  }
}
```

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- Account
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- Transactions
- Transaction Details
- Rewards
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- Offer Images
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- Workflow Main Triggers
- Workflow Main Actions
- Workflows
- Reviews
- Questions
- Question Replies

https://api.kangaroorewards.com

URI Parameters Hide

customer_id `string` (required) **Example:** 12e6a34f8e89eb1e9708089e01cf89b5
ID of the customer

Customer Actions

RESOURCE

POST `/customers/{id}/actions`

Trigger an action for a customer

Body parameters

Name	Type	Description
resource	string	`Required` One of the following: `tier_level`, `reward`
type	string	`Required` One of the following: `recalculate`, `calculate`, `batch_calculate`
intent	string	`Required with resource=reward` One of the following: `reward`, `reward_store_credit`
amount	number	`Optional` Used only with resource=reward.
points	integer	`Optional` Used only with resource=reward.
visits	integer	`Optional` Used only with resource=reward.
branch.id	string	`Optional` Used only with resource=reward.
product_rewards	array	`Optional` Used only with resource=reward.
product_rewards.id	integer	`Optional` Used only with resource=reward.
product_rewards.quantity	integer	`Optional` Used only with resource=reward.
items	array	`Optional` Used only with resource=reward and type=batch_calculate
items.amount	number	`Optional` Used only with resource=reward and type=batch_calculate.
items.points	integer	`Optional` Used only with resource=reward and type=batch_calculate.
items.visits	integer	`Optional` Used only with resource=reward and type=batch_calculate.
items.branch.id	string	`Optional` Used only with resource=reward and type=batch_calculate.
items.product_rewards	array	`Optional` Used only with resource=reward and type=batch_calculate.
items.product_rewards.id	integer	`Optional` Used only with resource=reward and type=batch_calculate.
items.product_rewards.quantity	integer	`Optional` Used only with resource=reward and type=batch_calculate.

> **Note:** One of the following attributes is required `amount`, `points` or `visits` when intent is: `reward`

> **Note:** If an offer type points multiplier is available and all the conditions are met:
>
> - Must be available at the specified branch
> - The amount spent is between minimum and maximum purchase amount configured for the offer
> - Offer frequency
>
> the points will be calculated and returned in the response for offer_reward.points attribute

> **Note:** The branch.id is optional and will be used only to calculate the points if an offer is available at the specific branch.
>
> Default: main branch if no branch ID is passed

Example: recalculate tier level

```
POST /customers/11eb5b4433edf7bfaaffb42e99312ac8/actions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC...
X-Application-Key: eyXai0XD7SLLzaOeJW...
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
  "type": "recalculate",
  "resource": "tier_level"
}
```

Response Body

```
{
  "data": {
    "tier_progress": {
      "total_amount": null,
      "total_points": null,
      "total_visits": 10,
      "left_amount": null,
      "left_points": null,
      "left_visits": 5,
      "tiers_relation": 0,
      "start_date": "2021-01-01T00:00:00+00:00",
      "end_date": "2022-12-31T23:59:59+00:00",
      "tier_level": "VIP",
      "next_tier_level": "Platinum",
      "tier_progress": 1
    }
  }
}
```

Example: Calculate points the customer will earn based on amount spent. An offer might be applied if available at the main branch

```
POST /customers/11eb5b4433edf7bfaaffb42e99312ac8/actions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC...
X-Application-Key: eyXai0XD7SLLzaOeJW...
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
  "type": "calculate",
  "resource": "reward",
  "intent": "reward",
  "amount": 20
}
```

Example: Calculate points the customer will earn based on amount spent and product rewards

Response Body

```
POST /customers/11eb5b4433edf7bfaaffb42e99312ac8/actions
{
  "type": "calculate",
  "resource": "reward",
  "intent": "reward",
  "amount": 20,
  "product_rewards": [
    {
      "id": 123,
      "quantity": 1
    }
  ]
}
```

Example: Calculate points the customer will earn based on amount spent and offer applied if available at the specific branch

Response Body

```
POST /customers/11eb5b4433edf7bfaaffb42e99312ac8/actions
{
  "type": "calculate",
  "resource": "reward",
  "intent": "reward",
  "amount": 20,
  "branch": {
    "id":"11eac6c914dfbc4e8478b42e99312ac8"
  }
}
```

Response:

```
{
  "data": {
    "basic_reward": {
      "points": 30,
      "amount_spent": 30,
      "amount_original": 30
    },
    "product_reward": {
      "points": 0
    },
    "offer_reward": {
      "points": 10
    },
    "total_points": 40
  }
}
```

Example: Calculate store credit the customer would earn

Response Body

```
POST /customers/11eb5b4433edf7bfaaffb42e99312ac8/actions
{
  "type": "calculate",
  "resource": "reward",
  "intent": "reward_store_credit",
  "amount": 20
}
```

Example: Batch calculate points the customer will earn based on amount spent at the specific branch

Response Body

```
POST /customers/11eb5b4433edf7bfaaffb42e99312ac8/actions
{
    "resource": "reward",
    "type": "batch_calculate",
    "intent": "reward",
    "items": [
        {
            "branch": {
                "id": "11eac6c914dfbc4e8478b42e99312ac8"
            },
            "product_rewards": [
                {
                    "id":296,
                    "quantity":2
                }
            ],
            "amount": 20
        }
    ]
}
```

Response:

```
{
  "data": [
    {
      "basic_reward": {
        "points": 20,
        "amount_spent": 20,
        "amount_original": 20
      },
      "product_reward": {
```

POST https://api.kangaroorewards.com/customers/11e696103f8ff5eabb02089e01cf89b5/actions

Requests example 1

Headers

```
Authorization: Bearer <access_token>
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
```

Body

```
{
  "type": "recalculate",
  "resource": "tier_level"
}
```

Responses 200

Headers

```
Content-Type: application/json
```

Body

```
{
  "data": {
    "tier_progress": {
      "total_amount": 0,
      "total_points": 100,
      "tier_level": "VIP"
    }
  }
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "object",
      "properties": {
        "tier_progress": {
          "type": "object",
          "properties": {
            "total_amount": {
              "type": "number"
            },
            "total_points": {
              "type": "number"
            },
            "tier_level": {
              "type": "string"
            }
          }
        }
      }
    }
  }
}
```

```
        "points": 0
      },
      "offer_reward": {
        "points": 0
      },
      "total_points": 20
    }
  ]
}
```


URI Parameters Hide

id `string` (required) **Example:** 11e696103f8ff5eabb02089e01cf89b5
The unique ID of the customer.

Claimable Offers

CLAIMABLE OFFER

GET `/customers/{customer_id}/claimable-offers?amount={amount}&branch_id={branch_id}&page={page}&per_page={per_page}` List all claimable offers

Retrieves all claimable offers for a customer, sorted by priority.

An offer is considered claimable if the following conditions are met:

- `Amount`: The purchase amount will be compared against the values specified in the Min Purchase and Max Purchase fields for the offer.
- `Branch ID`: The offer must be available at the branch where the customer is shopping.
- `Frequency`: The frequency at which the offer can be claimed. This may include various conditions, such as once or on specific days and times.
- `Previous Claims`: The customer must not have previously claimed the same offer.

The first eligible offer will apply to the next purchase if all the above conditions are satisfied.

This information helps customers understand which offer will be applied based on various criteria. If multiple offers are available, only one will be applied to the purchase.

Path Parameters

Name	Type	Description
customer_id	string	Required. The ID of the customer

Query Parameters

Name	Type	Description
per_page	integer	`Optional.` Provide this to set the number of items in the page. Default value 15; Maximum value 100
page	integer	`Optional.` Provide this to retrieve the next set of results for your original query. Default value page=1
amount	numeric	`Required.` The purchase amount
branch_id	string	`Required.` The branch ID where the offers are available

Example

```
GET /customers/12e6a34f8e89eb1e9708089e01cf89b5/claimable-offers HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

Response Body


```
{
  "data": [
    {
        "id": 552,
        "points": 0,
        "expires_at": "2017-04-01T03:59:59+0000",
        "discount_value": 0,
        "priority": 1,
        "multip_factor": 2,
        "real_value": 0,
        "type": "points_multiplier",
        "title": "Multiply your points",
        "description": "Come on Monday and Multiply your points",
        "images": [...]
    }
  ]
}
```


URI Parameters Hide

customer_id `string` (required) **Example:** 12e6a34f8e89eb1e9708089e01cf89b5
ID of the customer

page `number` (optional) **Default:** 1 **Example:** 1
The current page.

per_page `number` (optional) **Default:** 15 **Example:** 15
The maximum number of results to return.

amount `number` (required) **Example:** 3.99
The purchase amount

branch_id `string` (required) **Example:** e89eb1e9708
The branch ID where the offers are available

GET https://api.kangaroorewards.com/customers/12e6a34f8e89eb1e9708089e01cf89b5/claimable-offers?amount=3.99&branch_id=e89eb1e9708&page=1&per_page=15

Requests example 1

Headers

```
Authorization: Bearer <access_token>
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: <your_application_key>
```

Responses 200

Headers

```
Content-Type: application/json
```

Body


```
{
  "data": [
    {
      "id": "111",
      "title": "Offer Title",
      "points": "3000",
      "priority": 1,
      "type": "free_product",
      "description": "Some Offer Description",
      "expires_at": "2027-06-27T02:59:59+00:00",
      "multip_factor": 2
    },
    {
      "id": "112",
      "title": "Offer Title 2",
      "points": "50000",
      "priority": 1,
      "type": "free_product",
      "description": "Some Offer Description",
      "expires_at": "2027-04-27T02:59:59+00:00",
      "multip_factor": 0
    }
  ]
}
```


Schema


```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "array"
    }
  }
}
```


Customer Rewards

CUSTOMER REWARDS

GET `/customers/{customer_id}/rewards` List all rewards for a customer

List all rewards for a customer.

Path Parameters

Name	Type	Description
customer_id	string	Required. The ID of the customer

Query Parameters

Name	Type	Description
per_page	integer	`Optional.` Provide this to set the number of items in the page. Default value 15; Maximum value 100
page	integer	`Optional.` Provide this to retrieve the next set of results for your original query. Default value page=1
branch.id	string	`Optional.` The branch ID where the rewards are available. See Filtering

Example

```
GET /customers/12e6a34f8e89eb1e9708089e01cf89b5/rewards HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

Response Body


```
{
  "data": [
    {
        "id": 123,
        "points": 1000,
        "publish_at": "2020-06-03T18:41:34+00:00",
        "expires_at": "2030-06-04T03:59:59+00:00",
        "amount": 10,
        "real_value": 0,
        "discount_value": 0,
        "partner_reward": false,
        "redeem_for_gift_card": false,
        "type": "redeem_discount_amount",
        "title": "10$ Discount",
        "description": "",
        "images": [...]
    }
  ]
}
```


Filtering

When submitting a GET request, you can ask it to return only rewards that meet specific criteria. To filter rewards, in the query string, specify the field with an operator, followed by a separator (`|`) and the values for the following:

Fields:

- `branch.id` - Filter by branch id, the operator is “eq” or “in”

Operators:

- `in` - Match any value in the list. Separated by comma.
- `eq` - Equal

Filter Syntax

A single filter uses the form: `field=operator|VALUE`

Each URL query parameter **must be URL encoded**.

Example: Retrieve all rewards that are available in a specific branch

`GET /customers/12e6a34f8e89eb1e9708089e01cf89b5/rewards?branch.id=eq%7C11ec423d0046912d9800e2865c66d9cc`

URI Parameters Hide

customer_id `string` (required) **Example:** 12e6a34f8e89eb1e9708089e01cf89b5
ID of the customer

GET https://api.kangaroorewards.com/customers/12e6a34f8e89eb1e9708089e01cf89b5/rewards

Requests example 1

Headers

```
Authorization: Bearer <access_token>
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: <your_application_key>
Content-Type: application/json
```

Responses 200

Headers

```
Content-Type: application/json
```

Body


```
{
  "data": [
    {
      "id": "111",
      "title": "Reward Title",
      "points": "3000",
      "amount": 10,
      "type": "redeem_discount_amount",
      "description": "Some Reward Description",
      "expires_at": "2027-06-27T02:59:59+00:00"
    },
    {
      "id": "112",
      "title": "Reward Title 2",
      "points": "50000",
      "amount": 20,
      "type": "redeem_discount_amount",
      "description": "Some Reward Description",
      "expires_at": "2027-04-27T02:59:59+00:00"
    }
  ]
}
```


Schema


```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "array"
    }
  }
}
```


Customer Consents

CUSTOMER CONSENT COLLECTION

GET `/customers/{customer_id}/consents` Retrieve consent records

List all consent records for a customer

Path Parameters

Name	Type	Description
customer_id	string	Required. The ID of the customer

URI Parameters Hide

customer_id `string` (required) **Example:** 12e6a34f8e89eb1e9708089e01cf89b5
ID of the customer

GET https://api.kangaroorewards.com/customers/12e6a34f8e89eb1e9708089e01cf89b5/consents

Requests example 1

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
```

Responses 200

Headers

```
Content-Type: application/json
```

Body


```
{
  "data": [
    {
      "allow_email": true,
      "allow_sms": false,
      "allow_push": true
    }
```

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```
  ]
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "array"
    }
  }
}
```

CUSTOMER CONSENT COLLECTION

POST `/customers/{customer_id}/consents` — Create a consent

Create a consent record for a customer

Path Parameters

Name	Type	Description
customer_id	string	Required. The ID of the customer

Body parameters

Name	Type	Description
allow_sms	boolean	`Required` true or false
allow_email	boolean	`Required` true or false
allow_push	boolean	`Required` true or false

> **NOTE:** In order to update the consent for a customer a new consent must be created

Example:

```
POST /customers/11eb5b4433edf7bfaaffb42e99312ac8/consents HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC...
X-Application-Key: eyXai0XD7SLLzaOeJW...
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
  "allow_sms": false,
  "allow_email": true,
  "allow_push": true
}
```

Response Body

```
{
  "data": {
    "id": 123,
    "allow_sms": false,
    "allow_email": true,
    "allow_push": true
  }
}
```

URI Parameters Hide

customer_id `string` (required) **Example:** 11e696103f8ff5eabb02089e01cf89b5
The unique ID of the customer.

POST https://api.kangaroorewards.com/customers/11e696103f8ff5eabb02089e01cf89b5/consents

Requests example 1

Headers

```
Authorization: Bearer <access_token>
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
```

Body

```
{
  "allow_email": true,
  "allow_sms": false,
  "allow_push": true
}
```

Responses 200

Headers

```
Content-Type: application/json
```

Body

```
{
  "data": {
    "allow_email": true,
    "allow_sms": false,
    "allow_push": true
  }
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "object",
      "properties": {
        "allow_email": {
          "type": "boolean"
        },
        "allow_sms": {
          "type": "boolean"
        },
        "allow_push": {
          "type": "boolean"
        }
      }
    }
  }
}
```

Customer CRM fields

CUSTOMER CRM FIELDS COLLECTION

GET `/customers/{customer_id}/crm-fields` — Retrieve CRM fields

List all CRM fields for a customer

Path Parameters

Name	Type	Description
customer_id	string	Required. The ID of the customer

Example:

```
GET /customers/11eb5b4433edf7bfaaffb42e99312ac8/crm-fields
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC...
X-Application-Key: eyXai0XD7SLLzaOeJW...
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

Response Body

```
{
  "data": [
    {
      "name": "custom_field_1",
      "label": "Custom Field 1",
      "value": "Custom field value 1",
      "is_hidden": false,
      "is_required": true,
      "field_type": "text",
      "is_custom_field": true,
      "display_order": 1
    },
    {
      "name": "custom_field_2",
      "label": "Custom Field 2",
      "value": "Custom field value 2",
      "is_hidden": false,
      "is_required": false,
      "field_type": "text",
      "is_custom_field": true,
      "display_order": 2
    }
  ]
}
```

URI Parameters Hide

customer_id `string` (required) **Example:** 12e6a34f8e89eb1e9708089e01cf89b5
ID of the customer

GET https://api.kangaroorewards.com/customers/12e6a34f8e89eb1e9708089e01cf89b5/crm-fields

Requests example 1

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
```

Responses 200

Headers

```
Content-Type: application/json
```

Body

```
{
  "data": [
    [
      {
        "name": "first_name",
        "label": "First Name",
        "value": "John",
        "is_hidden": false,
        "is_required": true,
        "field_type": "text",
        "is_custom_field": false,
        "display_order": 1
      },
      {
        "name": "custom_field_1",
        "label": "Custom Field 1",
        "value": "test",
        "is_hidden": false,
        "is_required": true,
        "field_type": "text",
        "is_custom_field": true,
        "display_order": 2
      }
    ]
  ]
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "array"
    }
  }
}
```

CUSTOMER CRM FIELDS COLLECTION

PATCH `/customers/{customer_id}/crm-fields-values` — Update Customer CRM fields values

Update CRM fields values for a customer

Path Parameters

Name	Type	Description
customer_id	string	Required. The ID of the customer

Body parameters

Name	Type	Description
first_name	string	`Required` or `Optional`
last_name	string	`Required` or `Optional`
email	string	`Required` or `Optional`
phone	string	`Required` or `Optional`
country_code	string	`Required` or `Optional`
gender	string	`Required` or `Optional` - male, female, nonbinary
birth_date	string	`Required` or `Optional`
postal_code	string	`Required` or `Optional`
promotions_mail	string	`Required` or `Optional`
notes	string	`Required` or `Optional`
tags	array	`Required` or `Optional`
tags.tag_name	string	`Required` or `Optional`
custom_field_1	string	`Required` or `Optional`
custom_field_2	string	`Required` or `Optional`
custom_field_3	string	`Required` or `Optional`
custom_field_4	string	`Required` or `Optional`
custom_field_5	string	`Required` or `Optional`

Example:

```
PATCH /customers/11eb5b4433edf7bfaaffb42e99312ac8/crm-fields-values
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC...
X-Application-Key: eyXai0XD7SLLzaOeJW...
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
  "first_name": "John",
  "last_name": "Doe",
  "email": "john@example.com",
  "phone": "",
  "country_code": "CA",
  "gender": "male",
  "birth_date": "1999-01-26",
  "postal_code" : "123456",
  "promotions_mail" : false,
  "notes": "Some notes",
```

PATCH https://api.kangaroorewards.com/customers/11e696103f8ff5eabb02089e01cf89b5/crm-fields-values

Requests example 1

Headers

```
Authorization: Bearer <access_token>
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
```

Body

```
{
  "first_name": "John",
  "last_name": "Doe",
  "email": "john@example.com",
  "gender": "male",
  "birth_date": "1999-01-26",
  "promotions_mail": false,
  "notes": "Some notes",
  "tags": [
    {
      "tag_name": "High Spender"
    },
    {
      "tag_name": "Social Media Follower"
    }
  ],
  "custom_field_1": "Custom field value 1",
  "custom_field_2": "Custom field value 2"
}
```

Responses 200

Headers

```
Content-Type: application/json
```

Body

```
{
  "data": [
    {
      "name": "first_name",
      "label": "First Name",
      "value": "John",
      "is_hidden": false,
      "is_required": true,
      "field_type": "text",
      "is_custom_field": false,
      "display_order": 1
    },
    {
      "name": "custom_field_1",
      "label": "Custom Field 1",
      "value": "test",
```

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```
  "tags": [
      {
        "tag_name": "High Spender"
      },
      {
        "tag_name": "Social Media Follower"
      }
  ],
  "custom_field_1": "Custom field value 1",
  "custom_field_2": "Custom field value 2",
  "custom_field_3": "Custom field value 3",
  "custom_field_4": "Custom field value 4",
  "custom_field_5": "Custom field value 5"
}
```

Response Body


```
{
  "data": [
    {
      "name": "custom_field_1",
      "label": "Custom Field 1",
      "value": "Custom field value 1",
      "is_hidden": false,
      "is_required": true,
      "field_type": "text",
      "is_custom_field": true,
      "display_order": 1
    },
    {
      "name": "custom_field_2",
      "label": "Custom Field 2",
      "value": "Custom field value 2",
      "is_hidden": false,
      "is_required": false,
      "field_type": "text",
      "is_custom_field": true,
      "display_order": 2
    }
  ]
}
```


URI Parameters Hide

customer_id	`string` (required) **Example:** 11e696103f8ff5eabb02089e01cf89b5 The unique ID of the customer.

Customer Targeted Offers

CUSTOMER OFFER

GET `/customers/{customer_id}/targeted-offers` List all Targeted offers

List all available offers for a customer.

Path Parameters

Name	Type	Description
customer_id	string	Required. The ID of the customer

Query Parameters

Name	Type	Description
relationships	enum	`Optional.` You can optionally request that the response include the branch object. To do so, specify relationships=branch in your request.
per_page	integer	`Optional.` Provide this to set the number of items in the page. Default value 15; Maximum value 100
page	integer	`Optional.` Provide this to retrieve the next set of results for your original query. Default value page=1
branch.id	string	`Optional.` The branch ID where the rewards are available. See Filtering
type_id	integer	`Optional.` Offer Type. Possible options: `1` - Points Multiplier, `2` - Free Product, `3` - Bonus Points, `8` - Basic Offer (Free product), `9` - Basic Offer (percent-off), `10` - Basic Offer (amount-off). See Filtering
include	string	`Optional.` You can optionally request that the response includes other resources. Specify include=coupon in your request.

Example

```
GET /customers/12e6a34f8e89eb1e9708089e01cf89b5/targeted-offers HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

Response Body


```
{
  "data": [
    {
      "id": 552,
      "points": 0,
      "expires_at": "2017-04-01T03:59:59+0000",
      "discount_value": 0,
      "multip_factor": 2,
      "real_value": 0,
      "type": "points_multiplier",
      "title": "Multiply your points",
      "description": "Come on Monday and Multiply your points",
      "images": [...],
    }
  ]
}
```


Relationships

> **NOTE:** You could also request more information using relationship parameter. All possible values:
>
> - **branch** - includes branch object in the response

The value of the include or relationships parameter MUST be a comma-separated (",") list of relationship names.

Example

```
GET /customers/12e6a34f8e89eb1e9708089e01cf89b5/offers?relationships=branch HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: eyXai0XD7SLLzaOeJW
Content-Type: application/json
```

Response Body


```
{
  "data": [
    "id": 123,
    "points": 0,
    "expires_at": "2017-07-01T03:59:59+0000",
    "discount_value": 0,
    "multip_factor": 0,
    "real_value": 0,
    "type": "free_product",
    "title": "Offer Title",
    "description": "",
    "images": [...],
    "branch": {
      "id": "11e6a34f8e89eb0e9708089e01cf89b5",
      "name": "Pizza Nova",
      "web_site": null,
      "logo": {
        "large": null,
        "medium": null,
        "thumbnail": null
      },
      "cover_photo": {
        "large": null,
        "medium": null,
        "thumbnail": null
      }
    }
  ]
}
```


Filtering

When submitting a GET request, you can ask it to return only offers that meet specific criteria. To filter offers, in the query string, specify the field with an operator, followed by a separator (`|`) and the values for the following:

Fields:

- `branch.id` - Filter by branch id, the operator is “eq” or “in”
- `type_id` - Filter by offer type, the operator is “eq” or “in”

Operators:

- `in` - Match any value in the list. Separated by comma.
- `eq` - Equal

Filter Syntax

A single filter uses the form: `field=operator|VALUE`

Each URL query parameter **must be URL encoded**.

Example Retrieve all targeted offers that are available for the ecom branch

```
GET /customers/12e6a34f8e89eb1e9708089e01cf89b5/targeted-offers?include=coupon&branch.id=eq%7C11ec423d0046912d9800e2865c66d9cc&type_id=in%7C8,9,10,1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

Response Body


```
{
    "data":
    [
        {
            "id": 583,
            "points": 0,
            "expires_at": "2038-01-18T19:00:00-05:00",
            "publish_at": "2021-08-12T00:00:00-04:00",
            "is_published": true,
            "offer_languages":
            [
                {
                    "id": 624,
                    "language_id": 1,
                    "offer_title": "*2",
                    "offer_link": "" ,
                    "offer_description": "",
                    "offer_terms_conditions": "",
                    "language":
                    {
                        "id": 1,
                        "abbreviation": "en",
                        "name": "English"
                    }
                }
            ],
            "coupon":
            []
        },
        {
            "id": 1614,
```


```
      "is_hidden": false,
      "is_required": true,
      "field_type": "text",
      "is_custom_field": true,
      "display_order": 2
    }
  ]
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "array"
    }
  }
}
```

GET https://api.kangaroorewards.com/customers/12e6a34f8e89eb1e9708089e01cf89b5/targeted-offers

Requests example 1

Headers

```
Authorization: Bearer <access_token>
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: <your_application_key>
```

Responses 200

Headers

```
Content-Type: application/json
```

Body


```
{
  "data": [
    {
      "id": "111",
      "title": "Offer Title",
      "points": "3000",
      "type": "free_product",
      "description": "Some Offer Description",
      "expires_at": "2027-06-27T02:59:59+00:00",
      "multip_factor": 2
    },
    {
      "id": "112",
      "title": "Offer Title 2",
      "points": "50000",
      "type": "free_product",
      "description": "Some Offer Description",
      "expires_at": "2027-04-27T02:59:59+00:00",
      "multip_factor": 0
    }
  ]
}
```


Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "array"
    }
  }
}
```

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```
            "points": 0,
            "expires_at": "2038-01-18T19:00:00-05:00",
            "publish_at": "2022-10-05T00:00:00-04:00",
            "is_published": true,
            "coupon_convertible": false,
            "offer_languages":
            [
                {
                    "id": 1722,
                    "language_id": 1,
                    "offer_title": "20% OFF",
                    "offer_link": "",
                    "offer_description": "",
                    "offer_terms_conditions": "",
                    "language":
                    {
                        "id": 1,
                        "abbreviation": "en",
                        "name": "English"
                    }
                }
            ],
            "coupon":
            {
                "id": 12176,
                "qrcode": "48390008",
                "coupon_locked": false,
                "coupon_redeemed": false,
                "coupon_type_id": 74,
                "expires_at": "2038-01-19T00:00:00+00:00",
                "coupon_claimed_at": "2023-03-31T17:30:56+00:00"
            }
        }
    ],
    "links":
    {
        "first": "http://api.kangaroorewards.com/customers/11edb21c343c19d692bfe2865c66d9cc/targeted-offers?page=1",
        "last": null,
        "prev": null,
        "next": null
    },
    "meta":
    {
        "current_page": 1,
        "from": 1,
        "path": "http://api.kangaroorewards.com/customers/11edb21c343c19d692bfe2865c66d9cc/targeted-offers",
        "per_page": 15,
        "to": 2
    }
}
```


URI Parameters Hide

customer_id	`string` (required) **Example:** 12e6a34f8e89eb1e9708089e01cf89b5 ID of the customer

Transactions

TRANSACTION

`GET` `/transactions` List all transactions

Returns a list of transactions

Query Parameters

Name	Type	Description
page	integer	`Optional.` Provide this to retrieve the next set of results for your original query. Default value page=1
relationships	enum	`Optional.` You can optionally request that the response include the customer object. To do so, specify relationships=customer in your request.
created_at	string	`Optional.` Filter by created date. See Filtering
updated_at	string	`Optional.` Filter by updated date. See Filtering
transaction_details.external_order_id	string	`Optional.` Filter by external order ID. See Filtering

Examples

```
GET /transactions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsImp0aSI6ImFmODNk
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

Response Body


```
{
    "data": [
        {
            "id": 1991625373,
            "amount": 0,
            "points": 100,
            "name": "Redemption",
            "created_at": "2017-10-06T15:55:06+00:00",
            "updated_at": "2017-10-06T15:55:06+00:00"
        },
        {
            "id": 599112524,
            "amount": 5,
            "points": 50,
            "name": "Reward",
            "created_at": "2017-03-24T22:13:15+00:00",
            "updated_at": "2017-03-24T22:13:15+00:00"
        }
        ...
    ],
    "cursor": {
        "count": 30,
        "next": 2,
        "next_uri": "transactions?page=2"
    },
    "meta": {
        "total": 30
    }
}
```


Relationships

> **NOTE:** You could also request more information using relationship parameter. All possible values:
>
> - **customer** - includes customer object in the response
> - **purchase.receipt** - includes receipt related to transaction
> - **transaction_sequences** - includes related transactions
> - **transaction_details** - includes transaction details related to transaction

The value of the relationships parameter MUST be a comma-separated (",") list of relationship names.

Example

```
GET /transactions?relationships=customer HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: eyXai0XD7SLLzaOeJW
Content-Type: application/json
```

Response Body


```
{
    "data": [
        {
            "id": 1991625373,
            "amount": 0,
            "points": 100,
            "name": "Redemption",
            "created_at": "2017-10-06T15:55:06+00:00",
            "updated_at": "2017-10-06T15:55:06+00:00",
            "customer": {
                "id": "11e7aa159d83fae9bf8d000c296d46ef",
                "email": "john@example.com",
                "phone": null,
                "first_name": "John",
                "last_name": "Doe",
                "created_at": "2017-10-05T21:39:07+00:00",
                "updated_at": "2017-10-05T21:39:09+00:00"
            }
        },
        ...
    ],
    "cursor": {
        "count": 30,
        "next": 2,
        "next_uri": "transactions?page=2"
    },
    "meta": {
        "total": 30
    }
}
```


Example with transaction_sequences

```
GET /transactions?relationships=transaction_sequences HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: eyXai0XD7SLLzaOeJW
Content-Type: application/json
```


```
{
    "id": 1892256,
    "amount": 0.1,
    "points": 0,
    "name": "Store Credit",
    "created_at": "2020-01-16T21:53:01+00:00",
    "updated_at": "2020-01-16T21:53:01+00:00",
    "transaction_sequences": [
        {
            "id": 26112,
            "initial_transaction_id": 1892256,
            "next_transaction_id": 1892257,
            "next_transaction": {
                "id": 1892257,
                "amount": 10,
                "points": 10,
                "name": "Reward",
                "created_at": "2020-01-16T21:53:01+00:00",
                "updated_at": "2020-01-16T21:53:01+00:00"
            }
        }
    ]
},
```


Filtering

When submitting a GET request, you can ask it to return only transactions that meet specific criteria. To filter transactions, in the query string, specify one or more fields with an operator, followed by a separator (`|`) and the values for the following:

Fields:

- `created_at` - Filter by created date
- `updated_at` - Filter by updated date
- `transaction_details.external_order_id` - Filter by external order ID

GET https://api.kangaroorewards.com/transactions

Requests example 1

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
X-Application-Key: <X-Application-Key>
Accept: application/vnd.kangaroorewards.api.v1+json;
```

Responses 200

Headers

```
Content-Type: application/json
```

Body


```
{
  "data": [
    {
      "id": 256559,
      "amount": 5.25,
      "points": 5,
      "name": "Reward",
      "created_at": "2017-03-06T19:45:47+0000",
      "updated_at": "2017-03-06T19:45:47+0000"
    }
  ]
}
```


Schema


```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "array"
    }
  }
}
```

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- `customer.id` - Filter by customer id, the operator is "eq" or "in"

Operators:

- `gt` - Greater Than
- `gte` - Greater Than or Equal
- `lt` - Less Than
- `lte` - Less Than or Equal
- `in` - Match any value in the list. Separated by comma.
- `between` - Match any value in a range. Separated by comma.
- `eq` - Equal

Filter Syntax

A single filter uses the form: `field=operator|VALUE`

Each URL query parameter **must be URL encoded**.

Example: Retrieve all transactions that have created date greather than 2017-01-27T14:37:16+0000

`GET /transactions?created_at=gt%7C2017-01-27T14%3A37%3A16%2B0000&transaction_details.external_order_id=in%7CORD0001,ORD0012`

Transaction Types

name	id
Offer Claimed	2
Reward	4
Redemption	5
Offer Shared on FB	15
Offer Shared on TW	16
Signup Bonus	33
Offer Shared on FB	37
Offer Shared on TW	38
Offer Shared on FB	41
Offer Shared on TW	42
Redemption - Catalog	43
Transaction Canceled - Clerk	44
Offer Canceled - Clerk	45
Giftcard Shared on FB	52
Giftcard Shared on TW	53
Giftcard Purchased - Points	55
Giftcard Refunded - PayPal	56
Points Transfer - Sender	58
Points Transfer - Receiver	59
Redemption on behalf of Client - Custom	62
Redemption on behalf of Client - Catalog	63
Refund - Points	64
AutoClaim - Points	67
MultiAutoClaim - Points	68
Follow-My-Store Bonus	69
Giftcard Purchase - At Store	70
Coupon Tagged	74
Coupon claimed	75
Referred rewarded	76
Referrer rewarded	77
Adjust Increase Points	80
Adjust Decrease Points	82
Giftcard Purchased - Amount	84
Giftcard Purchase - At Store	85
Amount Transfer - Sender	86
Amount Transfer - Receiver	87
Giftcard Payment	88
Convertible Coupon created	91
Convertible Coupon redeemed	92
Cash-back	102
Refund Cash-back	103
Refund - Redeemed Points	107

TRANSACTION

POST `/transactions` — Create a transaction

A Transaction is a single event where a customer earns or spends points.

You can create a transaction in one of two ways: by Customer ID or customer's email address/phone number. If that customer exists, we'll simply add that Transaction for that customer. If the customer doesn't exist, we'll create a new customer, award the Transaction, and then send the customer a welcome email/SMS.

In addition, you can retrieve a specific transaction or a list of transactions.

Use `/transactions` resource to create a **reward**, **redeem** or **return** transaction.

A `reward` transaction will increase the balance for the customer based on the amount included in the JSON request body. To create a reward transaction, set the amount, points, or visits. Use `visits` when "Claim Points" option is active.

Include `product_rewards` object when you want to apply "À La Carte Rewards" (Product Rewards) for `reward` transaction only.

The total points earned is calculated based on the current Earning Rule value configured in Business Portal. If there are offers to apply, ex. Points Multiplier than it will automatically multiply the points and update the customer's balance.

A `redeem` transaction will decrease the balance for the customer based on the amount included. To create a redeem transaction, set the amount or points.

Include `catalog_items` object when you want to redeem a "Redemption Catalog" item for `redeem` transaction only.

The `customer` object is required for all transaction types, but only id, email or phone field is required.

The `employee.pin_code` is required only when redeeming on behalf of the customer or when the rule: "*Employee must enter his ID when Purchase Amount exceeds …*" is active

Body parameters

Name	Type	Description
intent	string	Set the `intent` to: `reward`, `redeem`, `return`, `get_coupon`, `claim_coupon`, `purchase_giftcard_prepaid`, `giftcard_payment`, `adjust_points_balance`, `redeem_ecom_coupon`, `claim_ecom_coupon`, `cancel_ecom_coupon`
amount	number	Required if none of `points`, *visits* are present
points	number	Required if none of `amount`, *visits* are present
visits	number	Required if none of `amount`, *points* are present
subtotal	number	Required if intent is redeem_ecom_coupon and catalog_item is not present.
created_at	string	`Optional` Default current date and time. ISO 8601 date. Example: `2000-07-01T00:00:00+00:00`
catalog_item	object	Required if intent is redeem_ecom_coupon and amount is not present.
catalog_item.id	string	Required if catalog_item is present
customer	object	Required. The customer object and at least `id`, `email` or `phone` must be provided
customer.id	string	Required if none of `customer.email`, `customer.phone` are present
customer.email	string	Required if none of `customer.id`, `customer.phone` are present
customer.phone	string	Required if none of `customer.id`, `customer.email` are present
customer.country_code	string	Required when `customer.phone` is present
employee	object	Optional. The employee object that will be attached to the transaction
employee.id	string	Optional. If provided, the Employee will be attached to the transaction
employee.pin_code	number	Optional. Required only if the rule: "*Employee must enter his ID when Purchase Amount exceeds …*" is active. It will override the employee.id
branch	object	Optional. To set the physical location where the transaction took place. By default it will be the main branch
branch.id	string	Optional. The branch ID where the transaction took place
catalog_items	object	Optional. The Catalog Item to be redeemed
catalog_items.id	number	Required with Catalog Item. The Catalog Item ID
product_rewards	object	Optional. The Product Rewards
product_rewards.id	number	Required with product_reward. The Product Reward ID
product_rewards.quantity	number	Required with product_reward. Quantity
receipt	object	Optional. The receipt object that will be attached to the transaction
receipt.number	string	Optional. If provided, the receipt number will be attached to the transaction
offer	object	Optional. Required when intent is `get_coupon` or `claim_coupon`. The Offer to assign a coupon or when redeeming a coupon
offer.id	number	Required with Offer. The Offer ID
coupon	object	Optional. Required when intent is `claim_coupon`. The coupon to be redeemed (claimed)
coupon.id	number	Required with coupon. The Coupon ID
transaction_details	object	Optional. The transaction detail object that will be attached to the transaction
transaction_details.external_order_id	string	Optional. The external order ID
transaction_details.custom_field_1	string	Optional. max:255, min:1
transaction_details.custom_field_2	string	Optional. max:255, min:1
transaction_details.custom_field_3	string	Optional. max:255, min:1
transaction_details.custom_field_4	string	Optional. max:255, min:1
transaction_details.custom_field_5	string	Optional. max:255, min:1

Note: Transaction intent is required and must be one of the following:

- `reward` - Reward points or amount. When using amount, it will be converted to points based on the reward rules
- `redeem` - Redeem points, amount or catalog item
- `return` - Return points
- `get_coupon` - When the customers wants to get a coupon
- `claim_coupon` - When the customer wants to claim (redeem) a coupon
- `purchase_giftcard_prepaid` - Purchase a gift card in store. It will create a "Giftcard Purchase - At Store" transaction and gift card balance will be increased
- `giftcard_payment` - Pay with gift card balance. It will create a "Giftcard Payment" transaction and the gift card balance will be depleted
- `reward_store_credit` - Award Store Credit to customers. It will increase gift card balance
- `adjust_points_balance` - Adjust points balance. Points value can be positive (increase balance) or negative (decrease balance)
- `reward_referral` - Reward referee and referrer based referral program conditions
- `redeem_ecom_coupon` - Redeem points, amount or catalog item and generate ecom coupon code (The business must have ecom integration connected to the Kangaroo Rewards, currently only available on Shopify integration)
- `claim_ecom_coupon` - When the customer wants to redeem an offer and generate ecom coupon code (The business must have ecom integration connected to the Kangaroo Rewards, currently only available on Shopify integration)
- `cancel_ecom_coupon` - When the customer wants to cancel the redeemed ecom coupon (The business must have ecom integration connected to the Kangaroo Rewards, currently only available on Shopify integration)

Note: One of the following attributes is required `amount`, `points` or `visits` when intent is one of the following: `reward`, `redeem`, `return`

Note: To apply visits aggregation set `visits` value greater than 1. The Employee PIN code is also required.

Note: Customer object is required and at least `id`, `email` or `phone` is required, country_code is required when phone number is used.

Note: Branch id is required and an ecom_coupon object will be returned in the response when intent is one of the following: `redeem_ecom_coupon`, `claim_ecom_coupon`, `cancel_ecom_coupon`. The branch must be connected to an ecom integration.

Example reward amount and a customer with ID

```
POST /transactions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
```

POST https://api.kangaroorewards.com/transactions

Requests: example 1 | example 2

Headers

```
Authorization: Bearer <access_token>
X-Application-Key: <X-Application-Key>
Accept: application/vnd.kangaroorewards.api.v1+json
Content-Type: application/json
```

Body

```
{
  "intent": "reward",
  "amount": 5.25,
  "customer": {
    "id": "11e696103f8ff5eabb02089e01cf89b5"
  }
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "intent": {
      "type": "string"
    },
    "amount": {
      "type": "number"
    },
    "customer": {
      "type": "object",
      "properties": {
        "id": {
          "type": "string"
        }
      }
    }
  }
}
```

Responses: 200 | 400 | 404 | 422

Headers

```
Content-Type: application/json
```

Body

```
{
  "data": {
    "id": 256559,
    "amount": 5.25,
    "points": 5,
    "name": "Reward",
    "created_at": "2017-03-06T19:45:47+0000",
    "updated_at": "2017-03-06T19:45:47+0000"
  }
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "object",
      "properties": {
        "id": {
          "type": "number"
        },
        "amount": {
          "type": "number"
        },
        "points": {
          "type": "number"
        },
        "name": {
          "type": "string"
        },
        "created_at": {
          "type": "string"
        },
        "updated_at": {
          "type": "string"
        }
      }
    }
  }
}
```

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https://api.kangaroorewards.com

```
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
    "intent": "reward",
    "amount": 5.25,
    "customer": {
        "id": "11e696103f8ff5eabb02089e01cf89b5"
    }
}
```

Response Body

```
{
    "data": {
        "id": 256560,
        "created_at": "2017-03-06T20:19:24+0000",
        "amount": 5.25,
        "points": 5,
        "name": "Reward"
    }
}
```

Example reward points and a customer with email address

```
POST /transactions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
    "intent": "reward",
    "points": 100,
    "customer": {
        "email": "john@example.com"
    }
}
```

> **Note:** When `employee.pin_code` is supplied, the Employee that has that Pin Code will override the Employee attached to the transaction

Example with Employee PIN Code required and Product Rewards

```
POST /transactions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
    "intent": "reward",
    "amount": 3,
    "customer": {
        "phone": "6043345025"
    },
    "employee":{
        "pin_code": "3333"
    },
    "product_rewards": [
        {
          "id": 123,
          "quantity": 3
        },
        {
          "id": 124,
          "quantity": 1
        }
    ]
}
```

Response Body with relations

```
{
    "data": {
        "id": 256775,
        "created_at": "2017-03-08T21:15:54+0000",
        "amount": 3,
        "points": 3,
        "name": "Reward",
        "offers": [
            {
                "id": 558,
                "points": 0,
                "expires_at": "2017-04-01T03:59:59+0000",
                "discount_value": 0,
                "multip_factor": 0,
                "real_value": 25,
                "type": "free_product",
                "title": "Free product",
                "description": "Free product"
            }
        ],
        "customer": {
            "id": "11e6fd0b9882cd0d84a5089e01cf89b5",
            "email": "",
            "phone": "6043345025",
            "first_name": "John",
            "last_name": "Doe",
            "member_since": "2017-03-08T21:15:54+0000",
            "balance": {
                "points": 259,
                "amount": 2.59
            }
        }
    }
}
```

> **Note:** You could pass the `branch.id` - wich will define where the transaction took place.

Example with Branch ID

```
POST /transactions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
    "intent": "reward",
    "amount": 3,
    "customer": {
        "id": "11e696103f8ff5eabb02089e01cf89b5"
    },
    "branch":{
        "id": "11e7038ade3780aca64e089e01cf89b5"
    }
}
```

> **Note:** To attach an Employee to the transaction, you must set the `employee.id` in the payload

Example with Employee ID

```
POST /transactions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
    "intent": "reward",
    "amount": 3,
    "customer": {
        "id": "31e692103f8ef5eabd02089e01cf89b4"
    },
    "branch":{
        "id": "11e696101aab59a4bb02089e01cf89b5"
    },
    "employee":{
        "id": "21e3038a5e3780aca24e089e01cf84b2"
    }
}
```

Example with Receipt Number

```
POST /transactions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
    "intent": "reward",
    "points": 100,
    "customer": {
        "id": "11e8bb6776ea7699b48e089e01cf89b5"
    },
    "receipt": {
        "number": "12345678"
    }
}
```

Example Redeem a Catalog Item

```
POST /transactions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
    "intent": "redeem",
    "customer": {
        "id": "11e6fd0b9882cd0d84a5089e01cf89b5",
        "pin_code": 1111
    },
    "catalog_items": [
        {
            "id": 123,
            "quantity": 1
        }
    ]
}
```

Example redeem with Employee's PIN Code

```
POST /transactions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
    "intent": "redeem",
    "points": 10,
    "customer": {
```

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```
        "id": "11e6fd0b9882cd1d84a5089e01cf89b"
    },
    "employee":{
        "pin_code": "1111"
    }
}
```

Example Return Amount

```
POST /transactions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
    "intent": "return",
    "amount": 2.25,
    "customer": {
        "id": "11e6fd0b9882cd0d84a5089e01cf89b5",
        "pin_code": 1111
    }
}
```

Example assign a coupon to customer (Get coupon)

> Note: Only offers with type_id 8, 9, 10 are coupons and can be assigned to a customer

```
POST /transactions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
    "intent": "get_coupon",
    "customer": {
        "id": "11e696103f8ff5eabb02089e01cf89b5"
    },
    "offer": {
        "id": 1234
    }
}
```

Response Body

```
{
    "data": {
        "id": 1892267,
        "amount": 0,
        "points": 0,
        "name": "Coupon Tagged",
        "created_at": "2019-10-04T16:07:33+00:00",
        "updated_at": "2019-10-04T16:07:33+00:00",
        "offers": [...],
        "coupon": {
            "id": 512572,
            "qrcode": "12428967",
            "coupon_locked": false,
            "coupon_type_id": 74,
            "expires_at": "2019-10-14T16:07:33+00:00",
            "offer": {...}
        }
    }
}
```

Example claim a coupon (redeem)

```
POST /transactions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
    "intent": "claim_coupon",
    "customer": {
        "id": "11e696103f8ff5eabb02089e01cf89b5"
    },
    "offer": {
        "id": 1234
    },
    "coupon": {
        "id": 512572
    }
}
```

Example purchase gift card prepaid (In store)

```
POST /transactions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
    "intent": "purchase_giftcard_prepaid",
    "customer": {
        "id": "11e696103f8ff5eabb02089e01cf89b5"
    },
    "amount": 10
}
```

Example purchase gift card prepaid (In store)

```
POST /transactions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
    "intent": "purchase_giftcard_prepaid",
    "customer": {
        "email": "john@example.com"
    },
    "amount": 10
}
```

Example Pay with gift card balance

```
POST /transactions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
    "intent": "giftcard_payment",
    "customer": {
        "id": "11e696103f8ff5eabb02089e01cf89b5"
    },
    "amount": 10
}
```

Example award Store Credit to customer

```
POST /transactions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
    "intent": "reward_store_credit",
    "customer": {
        "id": "11e8bb6776ea7699b48e089e01cf89b5"
    },
    "amount": 100
}
```

Example: Adjust(increase) points balance and a customer with ID

```
POST /transactions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
    "intent": "adjust_points_balance",
    "points": 100,
    "comments": "Add optional comments",
    "customer": {
        "id": "11e696103f8ff5eabb02089e01cf89b5"
    }
}
```

Example: Adjust(decrease) points balance and a customer with ID

```
POST /transactions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
    "intent": "adjust_points_balance",
    "points": -50,
    "customer": {
        "id": "11e696103f8ff5eabb02089e01cf89b5"
    }
}
```

Example: Reward referral request

```
POST /transactions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC...
X-Application-Key: eyXai0XD7SLLzaOeJW...
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
    "intent": "reward_referral",
    "amount": 40.99,
    "customer": {
      "id": "11eaa697ae8f46bd9df9b42e99312ac8"
    }
}
```

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> Note: The response might return status 202 without a created transaction resource When reponse status code is 202 there won't be a data object with a transaction resource because the referral condition not met
>
> It might also return a 404 error if the referral record not found for customer or no active referral program exists

Example: Refund redeemed points

```
POST /transactions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC...
X-Application-Key: eyXai0XD7SLLzaOeJW...
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
    "intent": "refund_redeemed_points",
    "points": 100,
    "customer": {
        "id": "11eab58b792394f48b7fb42e99312ac8"
    }
}
```

> Note: This transaction will increase the points balance Also, it will not affect the tier level

Example with External order ID

```
POST /transactions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
    "intent": "reward",
    "points": 100,
    "customer": {
        "id": "11e8bb6776ea7699b48e089e01cf89b5"
    },
    "transaction_details": {
        "external_order_id": "ORD0001",
        "custom_field_1": "34-28599475251",
        "custom_field_2": null,
        "custom_field_3": null,
        "custom_field_4": null,
        "custom_field_5": null
    }
}
```

Example redeem amount and generate an ecom coupon

```
POST /transactions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
    "intent": "redeem_ecom_coupon",
    "amount": 5.25,
    "subtotal": 25.69,
    "customer": {
        "id": "11e696103f8ff5eabb02089e01cf89b5"
    },
    "branch": {
        "id": "11e6a34f8e89eb0e9708089e01cf89b5"
    }
}
```

Example redeem a catalog item and generate an ecom coupon

```
POST /transactions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
    "intent": "redeem_ecom_coupon",
    "catalog_item": {
        "id": "490"
    },
    "customer": {
        "id": "11e696103f8ff5eabb02089e01cf89b5"
    },
    "branch": {
        "id": "11e6a34f8e89eb0e9708089e01cf89b5"
    }
}
```

Example claim an offer and generate an ecom coupon

```
POST /transactions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
    "intent": "claim_ecom_coupon",
    "offer": {
        "id": 1614
    },
    "coupon": {
        "id": 11553
    },
    "customer": {
        "id": "11e696103f8ff5eabb02089e01cf89b5"
    },
    "branch": {
        "id": "11e6a34f8e89eb0e9708089e01cf89b5"
    }
}
```

Example cancel an ecom coupon

```
POST /transactions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
    "intent": "cancel_ecom_coupon",
    "code": "dpeLsnS",
    "customer": {
        "id": "11e696103f8ff5eabb02089e01cf89b5"
    },
    "branch": {
        "id": "11e6a34f8e89eb0e9708089e01cf89b5"
    }
}
```

TRANSACTION RESOURCE

`DELETE` `/transactions/{id}` — Cancel a transaction

You can cancel a transaction any time. When canceling a transaction, the points will be depleted from the customer's balance When cancelling a points multiplier transaction, the parent transaction will also be cancelled

> **NOTE:** Only transaction type_id: 2, 4 can be cancelled
>
> The customer must have enough points balance

URI Parameters Hide

id `number` (required) **Example:** 123
The unique ID of the transaction.

DELETE https://api.kangaroorewards.com/transactions/123

Requests: example 1

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
```

Responses: 204 400 403

Headers

```
Content-Type: application/json
```

Transaction Details

TRANSACTION DETAILS RESOURCE

`PATCH` `/transactions/{id}/details` — Update

Update transaction details

Body parameters

Name	Type	Description
transaction_details.external_order_id	string	Optional. The external order ID
transaction_details.custom_field_1	string	Optional. max:255, min:1
transaction_details.custom_field_2	string	Optional. max:255, min:1
transaction_details.custom_field_3	string	Optional. max:255, min:1
transaction_details.custom_field_4	string	Optional. max:255, min:1
transaction_details.custom_field_5	string	Optional. max:255, min:1

Examples

```
PATCH /transactions/1901934/details
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsImp0aSI6ImFmODNk
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
  "external_order_id": "ORD374938098",
  "custom_field_1": "83648-3836"
}
```

Response Body

```
{
    "data": {
        "external_order_id": "ORD374938098",
        "custom_field_1": "83648-3836",
        "custom_field_2": null,
        "custom_field_3": null,
        "custom_field_4": null,
        "custom_field_5": null
    }
}
```

PATCH https://api.kangaroorewards.com/transactions/1234/details

Requests: example 1

Headers

```
Authorization: Bearer <access_token>
Accept: application/vnd.kangaroorewards.api.v1+json;
```

Responses: 200

Headers

```
Content-Type: application/json
```

Body

```
{
  "data": {
    "external_order_id": "Hello, world!",
    "custom_field_1": "Hello, world!",
    "custom_field_2": "Hello, world!",
    "custom_field_3": "Hello, world!",
    "custom_field_4": "Hello, world!",
    "custom_field_5": "Hello, world!"
  }
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "object",
      "properties": {
        "external_order_id": {
          "type": "string"
        },
        "custom_field_1": {
          "type": "string"
```

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URI Parameters Hide

id `number` (required) **Example:** 1234
The Transaction ID.

```
        },
        "custom_field_2": {
          "type": "string"
        },
        "custom_field_3": {
          "type": "string"
        },
        "custom_field_4": {
          "type": "string"
        },
        "custom_field_5": {
          "type": "string"
        }
      }
    }
  }
}
```

Rewards

RESOURCE

`GET` `/rewards`

List Catalog Items.

Example

```
GET /rewards HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

Response Body

```
{
  "data": [
      {
        "id": 12456,
        "points": 1000,
        "expires_at": "2026-04-02T03:59:59+00:00",
        "amount": 25,
        "real_value": 0,
        "discount_value": 0,
        "partner_reward": false,
        "redeem_for_gift_card": false,
        "type": "redeem_discount_amount",
        "title": "Cash back 25$",
        "description": "Cash back 25$",
        "external_id": "123456789",
        "images": []
      }
    ]
}
```

> **Note:** In order to redeem points for cashback create a transaction and use a catalog item that has `redeem_for_gift_card` attribute true. This will convert points to gift card balance (wallet balance)

GET https://api.kangaroorewards.com/rewards

Requests `example 1`

Headers

```
Authorization: Bearer <access_token>
Accept: application/vnd.kangaroorewards.api.v1+json;
```

Responses `200`

Headers

```
Content-Type: application/json
```

Body

```
{
  "data": [
    {
      "id": 123,
      "title": "$10 Discount",
      "points": 1000
    },
    {
      "id": 124,
      "title": "$20 Discount",
      "points": 3000
    }
  ]
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "array"
    }
  }
}
```

REWARD RESOURCE

`GET` `/rewards/{id}`

Returns a single catalog item.

Path Parameters

Name	Type	Description
id	number	Catalog Item ID

URI Parameters Hide

id `number` (required) **Example:** 123
The unique ID.

GET https://api.kangaroorewards.com/rewards/123

Requests `example 1`

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
```

Responses `200` `404`

Headers

```
Content-Type: application/json
```

Body

```
{
  "data": {
    "id": 123,
    "title": "$20 Discount",
    "points": 3000,
    "amount": 25,
    "partner_reward": false,
    "redeem_for_gift_card": false,
    "external_id": "123456789"
  }
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "object",
      "properties": {
        "id": {
          "type": "number"
        },
        "title": {
          "type": "string"
        },
        "points": {
          "type": "number"
        },
        "amount": {
          "type": "number"
        },
        "partner_reward": {
          "type": "boolean",
          "description": "When the item is a partner reward"
        },
        "redeem_for_gift_card": {
          "type": "boolean",
          "description": "When redeeming this item it will convert points to giftcard balance"
        },
        "external_id": {
          "type": "string"
        }
      }
    }
  }
}
```

`POST` `/rewards/` Create a reward

A reward also called redemption catalog can have 3 main types:

- Free Product type_id: 15
- Cashback type_id: 16
- Percentage type_id: 18

A reward can be for all customers, only for targeted customers, or only for specific tier customers. A reward can only avaliable for the specific branches or all branches.

> **NOTE:** Reward images MUST be uploaded first using POST /rewards/images endpoint, before creating a reward Images must be uploaded to Kangaroo Rewards. External images are not allowed

Body parameters common for all reward types

Name	Type	Description
type_id	integer	`Required` Reward Type. Possible options: `15` - Free Product, `16` - Cashback, `18` - Percentage
shipping_option	integer	Shipping option, only applicable in the ecom branch. Possible options: null, 1 Free shipping, 2 The discount will be applied to shipping, 3 The discount won't be applied to shipping
targeted_flag	integer	`Required` (0,1,2) Default 1 - targeted customers, 0 - available for everyone, 2 - available for tier customers
never_expires_flag	integer	`Optional` Default 0 - expires_at is required, 1 - the reward will never expire
publish_at	string	`Optional` Default current date and time. ISO 8601 date. Example: `2000-07-01T00:00:00+00:00`
expires_at	string	`Required` if never_expires_flag = 0. ISO 8601 date. Example: `2000-07-01T00:00:00+00:00`
redemption_user_tiers	array	`Required` if targeted_flag = 2.
redemption_user_tiers.*.id	integer	`Required` The tier ID.
points	integer	`Required` The points for redeeming this reward.
partner_reward	boolean	This is a Partner Reward or not, only work for the business who enable the partner reward feature.
external_id	`string`	`Optional` External Id. max: 64
images	array	`Required` Up to 4 items
images.*.original	string,url	`Required` The uploaded image path, max: 255
images.*.large	string,url	`Required` The uploaded image path, max: 255
images.*.*medium	string,url	`Required` The uploaded image path, max: 255
images.*.thumbnail	string,url	`Required` The uploaded image path, max: 255
available_at_branches	array	`Required` - A list of branches where the reward is available at. At least one branch is required
available_at_branches.*.id	string	`Required` Branch ID
reward_languages	array	`Required` - At least English is required, language_id = 1
reward_languages.*.language_id	integer	`Required` - 1 - English, 2 - French, 3 - Spanish
reward_languages.*.title	string	`Required` - Reward title in that language. max: 255
reward_languages.*.description	string	`Optional` - Reward description in that language. max 500
reward_languages.*.terms_conditions	string	`Optional` - Terms and conditions. max: 1000
reward_languages.*.link	string,url	`Optional` - An external link for reward. max: 100

Body parameters specific for reward type is free product only

All common +

Name	Type	Description
real_value	numeric	`Required.` The free item's amount, it's used as redeeming amount.

Body parameters specific for reward type is cashback only

POST https://api.kangaroorewards.com/rewards/

Requests `example 1`

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: <your_application_key>
```

Body

```
{
  "type_id": 18,
  "points": 100,
  "shipping_option": 1,
  "targeted_flag": 2,
  "redemption_user_tiers": [
    {
      "id": 1238
    }
  ],
  "publish_at": "2020-04-01T03:59:59+0000",
  "expires_at": "2020-04-01T03:59:59+0000",
  "never_expires_flag": 0,
  "amount": 0,
  "discount_value: 10 (number) - Required if type_id is 18, the discount percentage %": "Hello, world!",
  "real_value: 0 (number) - Required if type_id is 15, the free product's price": "Hello, world!",
  "partner_reward": false,
  "external_id": "123456789",
  "redeem_for_gift_card: false (boolean) - Required if type_id is 16, if it's converted to Gift Card": "Hello, world!",
  "reward_languages": [
    {
      "language_id": 1,
      "title": "10% off",
      "description": "Enjoy the 10% off",
      "terms_conditions": "Offer terms and conditions here",
      "link": "https://example.com/some-offer-link"
    }
  ],
  "images": [
    {
      "original": "https://www.kangaroorewards.com/photos/image.png",
      "large": "https://www.kangaroorewards.com/photos/image1.png",
      "medium": "https://www.kangaroorewards.com/photos/image2.png",
      "thumbnail": "https://www.kangaroorewards.com/photos/image3.png"
    }
  ],
  "available_at_branches": [
    {
      "id": "1es8uwrs8sd9fsf9"
    }
  ]
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "type_id": {
```

All common +

Name	Type	Description
amount	numeric	`Required.` The cashback amount, it's used as redeeming amount.
redeem_for_gift_card	boolean	`Required.` Convert this reward to Gift Card.

Body parameters specific for reward type is pecentage only

All common +

Name	Type	Description
discount_value	integer	`Required.` The discount percentage.

Example creating a free product reward

```
POST /rewards HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC...
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: eyXai0XD7SLLzaOeJW...
Content-Type: application/json

{
  "type_id": 15,
  "points": 50,
  "targeted_flag": 2,
  "redemption_user_tiers": [
    {
      "id": 51
    },
    {
      "id": 52
    }
  ],
  "expires_at": "2020-07-17T18:10:05-00:00",
  "never_expires_flag": 0,
  "real_value": 13.99,
  "reward_languages": [
    {
      "language_id": 1,
      "title": "Free Product",
      "description": "Available only for Platinum and Gold customer",
      "terms_conditions": "",
      "link": "https://example.com/some-reward"
    }
  ],
  "available_at_branches": [
    {
      "id": "11eaa5c938ec36cc9df9b42e99312ac8"
    },
    {
      "id": "12eac6c914dfbc4e8478b42e99312ac5"
    }
  ],
  "images": [
      {
        "original": "https://www.kangaroorewards.com/photos/image.png",
        "large": "https://www.kangaroorewards.com/photos/image1.png",
        "medium": "https://www.kangaroorewards.com/photos/image2.png",
        "thumbnail": "https://www.kangaroorewards.com/photos/image3.png"
      }
    ]
}
```

Example creating a percentage reward

```
POST /rewards HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC...
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: eyXai0XD7SLLzaOeJW...
Content-Type: application/json

{
  "type_id": 18,
  "points": 50,
  "targeted_flag": 0,
  "never_expires_flag": 1,
  "discount_value": 10,
  "reward_languages": [
    {
      "language_id": 1,
      "title": "10% OFF",
      "description": "",
      "terms_conditions": "",
      "link": "https://example.com/some-reward"
    }
  ],
  "available_at_branches": [
    {
      "id": "11eaa5c938ec36cc9df9b42e99312ac8"
    },
    {
      "id": "12eac6c914dfbc4e8478b42e99312ac5"
    }
  ],
  "images": [
      {
        "original": "https://www.kangaroorewards.com/photos/image.png",
        "large": "https://www.kangaroorewards.com/photos/image1.png",
        "medium": "https://www.kangaroorewards.com/photos/image2.png",
        "thumbnail": "https://www.kangaroorewards.com/photos/image3.png"
      }
    ]
}
```

Example creating a cashback reward

```
POST /rewards HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC...
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: eyXai0XD7SLLzaOeJW...
Content-Type: application/json

{
  "type_id": 16,
  "points": 50,
  "targeted_flag": 1,
  "never_expires_flag": 1,
  "amount": 25.00,
  "redeem_for_gift_card": false,
  "reward_languages": [
    {
      "language_id": 1,
      "title": "$25 OFF",
      "description": "",
      "terms_conditions": "",
      "link": "https://example.com/some-reward"
    }
  ],
  "available_at_branches": [
    {
      "id": "11eaa5c938ec36cc9df9b42e99312ac8"
    },
    {
      "id": "12eac6c914dfbc4e8478b42e99312ac5"
    }
  ],
  "images": [
      {
        "original": "https://www.kangaroorewards.com/photos/image.png",
        "large": "https://www.kangaroorewards.com/photos/image1.png",
        "medium": "https://www.kangaroorewards.com/photos/image2.png",
        "thumbnail": "https://www.kangaroorewards.com/photos/image3.png"
      }
    ]
}
```

```
    "type": "number",
    "description": "The reward type ID 15,16,18"
  },
  "points": {
    "type": "number",
    "description": "The points for redeeming this reward"
  },
  "shipping_option": {
    "type": "number",
    "description": "1 Free shipping, 2 The discount will be applied to shipping, 3 The discount won't be applied to shipping,"
  },
  "targeted_flag": {
    "type": "number",
    "description": "0 Available for everyone, 1 Targeted, 2 Specific tier"
  },
  "redemption_user_tiers": {
    "type": "array"
  },
  "publish_at": {
    "type": "string",
    "description": "When the reward will be published"
  },
  "expires_at": {
    "type": "string",
    "description": "When the reward will be expired"
  },
  "never_expires_flag": {
    "type": "number",
    "description": "1 the reward will never expire, 0 it will expire"
  },
  "amount": {
    "type": "number",
    "description": "Required if type_id is 16, the discount amount for cashback"
  },
  "discount_value: 10 (number) - Required if type_id is 18, the discount percentage %": {
    "type": "string"
  },
  "real_value: 0 (number) - Required if type_id is 15, the free product's price": {
    "type": "string"
  },
  "partner_reward": {
    "type": "boolean",
    "description": "When the item is a partner reward"
  },
  "external_id": {
    "type": "string"
  },
  "redeem_for_gift_card: false (boolean) - Required if type_id is 16, if it's converted to Gift Card": {
    "type": "string"
  },
  "reward_languages": {
    "type": "array"
  },
  "images": {
    "type": "array"
  },
  "available_at_branches": {
    "type": "array"
  }
 }
}
```

Responses 200 422 403 400

Headers

```
Content-Type: application/json
```

Body

```
{
  "data": {
    "id": 123,
    "title": "$20 Discount",
    "points": 3000,
    "amount": 25,
    "partner_reward": false,
    "redeem_for_gift_card": false,
    "external_id": "123456789"
  }
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "object",
      "properties": {
        "id": {
          "type": "number"
        },
        "title": {
          "type": "string"
        },
        "points": {
          "type": "number"
        },
        "amount": {
          "type": "number"
        },
        "partner_reward": {
          "type": "boolean",
          "description": "When the item is a partner reward"
        },
        "redeem_for_gift_card": {
          "type": "boolean",
          "description": "When redeeming this item it will convert points to giftcard balance"
        },
        "external_id": {
          "type": "string"
        }
      }
    }
  }
}
```

Product Rewards

RESOURCE

GET `/product-rewards`

List Product Rewards.

Query Parameters

Name	Type	Description
page	integer	`Optional.` Provide this to retrieve the next set of results for your original query. Default value page=1
per_page	integer	`Optional.` Provide this to set the number of items in the page. Default value 15; Maximum value 100
relationships	enum	`Optional.` You can optionally request that the response include the product object. To do so, specify relationships=product in your request.
products.product_sku	string	`Optional.` Filter products by SKU

Example

```
GET /product-rewards HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

Response Body

```
{
  "data": [
        {
            "id": 123,
            "points": 300
        }
    ]
}
```

Example with Product

```
GET /product-rewards?relationships=product HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

Response Body

```
{
  "data": [
    {
        "id": 123,
        "points": 300,
        "product": {
            "id": 120348,
            "title": "Product Reward 1",
            "description": "",
            "images": []
        }
    }
  ]
}
```

GET https://api.kangaroorewards.com/product-rewards

Requests example 1

Headers

```
Authorization: Bearer <access_token>
Accept: application/vnd.kangaroorewards.api.v1+json;
```

Responses 200

Headers

```
Content-Type: application/json
```

Body

```
{
  "data": [
    {
      "id": "123",
      "points": 1000,
      "product": {
        "id": 123,
        "title": "Product Reward 1",
        "description": "Product Reward Description"
      }
    },
    {
      "id": "124",
      "points": 3000,
      "product": {
        "id": 124,
        "title": "Product Reward 2",
        "description": "Product Reward Description"
      }
    }
  ]
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "array"
    }
  }
}
```

Example filter by product SKU

To filter on a field, simply add that field and its value to the query.: products.product_sku=eq|EBCS345

The operator `eq` translates to `=`

```
GET /product-rewards?relationships=product&products.product_sku=eq|EBCS345 HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

URI Parameters Hide

relationships `string` (optional) **Default:** null
Include relationships in the response. Example `relationships=product`

Offers

OFFER

POST `/offers` Create offer

An offer contains information about a free product, percent-off or amount-off discount you might want to apply to a customer. Currently 4 main types of offers can be created:

- Basic Offer (coupon) type_id: 8,9,10
- Points Multiplier type_id: 1
- Free Product type_id: 2
- Bonus Points type_id: 3

Basic Offers can be claimed as coupoons and after that, the coupon can be redeemed. See #Offer Types

> **NOTE:** Offer images MUST be uploaded first using POST /offers/images endpoint, before creating an offer Images must be uploaded to Kangaroo Rewards. External images are not allowed

Body parameters common for all offer types

Name	Type	Description
type_id	integer	`Required` Offer Type. Possible options: `1` - Points Multiplier, `2` - Free Product, `3` - Bonus Points, `8` - Basic Offer (Free product), `9` - Basic Offer (percent-off), `10` - Basic Offer (amount-off)
targeted_offer_flag	integer	`Required` (0,1) Default 1 - targeted customers, 0 - available for everyone
never_expires_flag	integer	`Optional` Default 0 - expires_at is required, 1 - the offer will never expire
publish_at	string	`Optional` Default current date and time. ISO 8601 date. Example: `2000-07-01T00:00:00+00:00`
expires_at	string	`Required` if never_expires_flag = 0. ISO 8601 date. Example: `2000-07-01T00:00:00+00:00`
external_id	`string`	`Optional` External Id. max: 64
images	array	`Required` Up to 4 items
images.*.original	string,url	`Required` The uploaded image path, max: 255
images.*.large	string,url	`Required` The uploaded image path, max: 255
images.*.*medium	string,url	`Required` The uploaded image path, max: 255
images.*.thumbnail	string,url	`Required` The uploaded image path, max: 255
available_at_branches	array	`Required` - A list of branches where the offer is available at. At least one branch is required
available_at_branches.*.id	string	`Required` Branch ID
offer_languages	array	`Required` - At least English is required, language_id = 1
offer_languages.*.language_id	integer	`Required` - 1 - English, 2 - French, 3 - Spanish
offer_languages.*.offer_title	string	`Required` - Offer title in that language. max: 255
offer_languages.*.offer_description	string	`Optional` - Offer description in that language. max 500
offer_languages.*.offer_terms_conditions	string	`Optional` - Terms and conditions. max: 1000
offer_languages.*.offer_link	string,url	`Optional` - An external link for offer. max: 100

Body parameters specific for Basic Offer only

All common +

Name	Type	Description
coupon_auto_get	integer	`Optional` (0,1) Default 0 - Must click "Get Coupon" on the App, 1 - The coupon will be auto-claimed
coupon_perm_available	integer	`Optional` (0,1) Default 0 - Not permanently available, 1 - Permanently available
coupon_expires_in	integer	`Optional` - The number of days the coupon must be claimed before it will expire. Default 0 - never expires, > 0 Coupon must be claimed within x days
discount_value	numeric	`Required` if type_id is 9 or 10 - amount off > 0 or percent off > 0 and <=100

Body parameters specific for Points Multiplier Offer

All common +

Name	Type	Description
offer_frequency_id	integer	`Required` Default 1. Possible options: 1 - Daily, 2 - Weekly, 3 - Specific day and time, 4 - Once
multip_factor	numeric	`Required` Multiplication factor > 0. Example: 2 - 2x the points, 1.5 - 1.5x the points
min_purchase	numeric	`Required` - Minimum purchase amount >= 0
max_purchase	numeric	`Required` - Maximum purcase amount, cannot be less than min purchase amount
apps_only	boolean	`Optional` Default false. If true - Customers must log in with QR code to be eligible
freq_details	array	`Required` when offer frequency id is `3` (Specific day and time). Must be an array in the following format: ["1","2","3","4","5","6","7"]
peak_from	string,time	`Required` with frequncy details. 24-hour format of an hour with leading zeros and minutes with leading zeros. Min: 00:00, max: 23:59. Must be before peak_to Ex: "09:00"
peak_to	string,time	`Required` with frequncy details. 24-hour format of an hour with leading zeros and minutes with leading zeros. Min: 00:00, max: 23:59. Must be after peak_from Ex: "17:45"

> **NOTE:** freq_details field must be an array in the following format: ["1","2","3","4","5","6","7"] containing the days of the week from Monday to Sunday as numbers. Where 1 - Monday, 2 - Tuesday ... 7 - Sunday Example: ["1","2"] - available only on Monday and Tuesday Example: ["5"] - available only on Friday

Body parameters specific for Free Product Offer

All common + Points Multiplier Offer (exept multip_factor) +

Name	Type	Description
offer_languages.*.offer_product	string	`Required` - Product description. max: 255

Body parameters specific for Bonus Points Offer

All common + Points Multiplier Offer (exept multip_factor) +

Name	Type	Description
points	integer	`Required` - Bonus points to offer

Example creating a Basic Offer

```
POST /offers HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC...
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: eyXai0XD7SLLzaOeJW...
Content-Type: application/json

{
  "type_id": 9,
  "targeted_offer_flag": 0,
  "expires_at": "2020-07-17T18:10:05-00:00",
  "never_expires_flag": 0,
  "discount_value": 10,
  "external_id": "ORDER_123",
  "offer_languages": [
    {
      "language_id": 1,
      "offer_title": "10% OFF today",
      "offer_description": "Available only for today",
      "offer_terms_conditions": "",
      "offer_link": "https://example.com/some-offer"
    }
  ],
  "available_at_branches": [
    {
      "id": "11eaa5c938ec36cc9df9b42e99312ac8"
    },
    {
      "id": "12eac6c914dfbc4e8478b42e99312ac5"
    }
  ],
  "images": [
      {
        "original": "https://www.kangaroorewards.com/photos/image.png",
        "large": "https://www.kangaroorewards.com/photos/image1.png",
        "medium": "https://www.kangaroorewards.com/photos/image2.png",
        "thumbnail": "https://www.kangaroorewards.com/photos/image3.png"
      }
    ]
}
```

Example creating a Points Multiplier Offer

```
POST /offers HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC...
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: eyXai0XD7SLLzaOeJW...
Content-Type: application/json

{
  "type_id": 1,
  "offer_frequency_id" : 3,
  "multip_factor": 2,
  "min_purchase": 10,
  "max_purchase": 1000,
  "apps_only": false,
  "freq_details": ["1","2","5"],
  "peak_from": "09:00",
  "peak_to": "17:30",
  "targeted_offer_flag": 0,
  "expires_at": "2020-07-17T18:10:05-04:00",
  "never_expires_flag": 0,
  "offer_languages": [
    {
      "language_id": 1,
      "offer_title": "2x the points on Monday and Tuesday"
    }
  ],
  "available_at_branches": [
    {
      "id": "11eaa5c938ec36cc9df9b42e99312ac8"
    }
  ],
  "images": [
      {
        "original": "https://www.kangaroorewards.com/photos/image.png",
        "large": "https://www.kangaroorewards.com/photos/image1.png",
        "medium": "https://www.kangaroorewards.com/photos/image2.png",
        "thumbnail": "https://www.kangaroorewards.com/photos/image3.png"
      }
    ]
}
```

POST https://api.kangaroorewards.com/offers

Requests example 1

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: <your_application_key>
```

Body

```
{
  "type_id": 8,
  "offer_frequency_id": 1,
  "targeted_offer_flag": 1,
  "publish_at": "2020-04-01T03:59:59+0000",
  "expires_at": "2020-04-01T03:59:59+0000",
  "never_expires_flag": 1,
  "discount_value": 10,
  "offer_languages": [
    {
      "language_id": 1,
      "title": "Free coffee",
      "description": "Come on Monday and get a free coffee",
      "offer_terms_conditions": "Offer terms and conditions here",
      "offer_link": "https://example.com/some-offer-link"
    }
  ],
  "images": [
    {
      "original": "https://www.kangaroorewards.com/photos/image.png",
      "large": "https://www.kangaroorewards.com/photos/image1.png",
      "medium": "https://www.kangaroorewards.com/photos/image2.png",
      "thumbnail": "https://www.kangaroorewards.com/photos/image3.png"
    }
  ],
  "available_at_branches": [
    {
      "id": "1es8uwrs8sd9fsf9"
    }
  ]
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "type_id": {
      "type": "number",
      "description": "The offer type ID 8,8,10"
    },
    "offer_frequency_id": {
      "type": "number",
      "description": "Daily, weekly, specific day and time"
    },
    "targeted_offer_flag": {
      "type": "number",
      "description": "0 Available for everyone, 1 Targeted"
    },
    "publish_at": {
      "type": "string",
      "description": "When the offer will be published"
    },
    "expires_at": {
      "type": "string"
    },
    "never_expires_flag": {
      "type": "number",
      "description": "1 the offer will never expire, 0 it will expire"
    },
    "discount_value": {
      "type": "number"
    },
    "offer_languages": {
      "type": "array"
    },
    "images": {
      "type": "array"
    },
    "available_at_branches": {
      "type": "array"
    }
  }
}
```

Responses 200 422 403 400

Headers

```
Content-Type: application/json
```

Body

```
{
  "data": {
    "id": 552,
    "points": 0,
    "expires_at": "2017-04-01T03:59:59+0000",
    "discount_value": 0,
    "multip_factor": 2,
    "real_value": 0,
    "type_id": 8,
    "type": "points_multiplier",
    "title": "Multiply your points",
    "description": "Come on Monday and Multiply your points",
    "external_id: `ORDER_123`": "Hello, world!",
    "images": [
      {
        "original": "https://www.kangaroorewards.com/photos/image.png",
        "large": "https://www.kangaroorewards.com/photos/image1.png",
        "medium": "https://www.kangaroorewards.com/photos/image2.png",
        "thumbnail": "https://www.kangaroorewards.com/photos/image3.png",
        "default": true
      }
    ]
  }
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "object",
      "properties": {
        "id": {
          "type": "number"
        },
        "points": {
          "type": "number"
        },
        "expires_at": {
          "type": "string"
        },
        "discount_value": {
          "type": "number"
        },
        "multip_factor": {
          "type": "number"
        },
        "real_value": {
          "type": "number"
        },
        "type_id": {
          "type": "number",
          "description": "The offer type ID"
        },
        "type": {
          "type": "string"
        },
        "title": {
          "type": "string"
        },
        "description": {
          "type": "string"
        },
        "external_id: `ORDER_123`": {
          "type": "string"
        },
        "images": {
          "type": "array"
        }
      }
    }
  }
}
```

GET `/offers` List all offers

List all offers, including expired and targeted

Query Parameters

GET https://api.kangaroorewards.com/offers

Requests example 1

Headers

- Overview
- Account
- Customers
- Customer Transactions
- Customer Offers
- Customer Available Coupons
- Customer Actions
- Claimable Offers
- Customer Rewards
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- Customer CRM fields
- Customer Targeted Offers
- Transactions
- Transaction Details
- Rewards
- Product Rewards
- Offers
- Offer Images
- Products
- Branches
- Tiers
- Referral Programs
- Business Rules
- Workflow Main Triggers
- Workflow Main Actions
- Workflows
- Reviews
- Questions
- Question Replies

https://api.kangaroorewards.com

Name	Type	Description
relationships	enum	`Optional.` You can optionally request that the response include the branch object. To do so, specify relationships=branch in your request.
page	int	`Optional.` The page number
per_page	int	`Optional.` Items per page
products.product_sku	string	`Optional.` Filter by product SKU
pos_items_group.tag_name	string	`Optional.` Filter by product tag name

Offer Types

- type_id: 1 - Points Multiplier
- type_id: 2 - Free product
- type_id: 3 - Bonus points
- type_id: 8 - Basic offer (coupon). Type free product (can be used as a coupon)
- type_id: 9 - Basic offer (coupon). Type discount in % (can be used as a coupon)
- type_id: 10 - Basic offer (coupon). Type discount in $ (can be used as a coupon)
- type_id: 14 - Gift card

> **NOTE:** Only offers type ID 8,9,10 can be used as coupons A coupon MUST be assigned to customer before it will be available for redemption In order to assign a coupon to a customer create a transaction with intent: `get_coupon`, customer and offer object

Example

```
GET /offers HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

Response Body


```
{
  "data": [
    {
      "id": 552,
      "points": 0,
      "expires_at": "2017-04-01T03:59:59+0000",
      "discount_value": 0,
      "multip_factor": 2,
      "real_value": 0,
      "type": "points_multiplier",
      "title": "Multiply your points",
      "description": "Come on Monday and Multiply your points",
      "images": [...]
    }
  ]
}
```


Relationships

> **NOTE:** You could also request more information using relationship parameter. All possible values:
>
> - **branch** - includes branch object in the response

The value of the relationships parameter MUST be a comma-separated (",") list of relationship names.

Example

```
GET /offers?relationships=branch HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: eyXai0XD7SLLzaOeJW
Content-Type: application/json
```

Response Body


```
{
  "data": [
    "id": 123,
    "points": 0,
    "expires_at": "2017-07-01T03:59:59+0000",
    "discount_value": 0,
    "multip_factor": 0,
    "real_value": 0,
    "type": "free_product",
    "title": "Offer Title",
    "description": "",
    "images": [
      {
        "default": true,
        "path": "1498064009_594aa4895e8c7.jpg"
      }
    ],
    "branch": {
      "id": "11e6a34f8e89eb0e9708089e01cf89b5",
      "name": "Pizza Nova",
      "web_site": null,
      "logo": {
        "large": null,
        "medium": null,
        "thumbnail": null
      },
      "cover_photo": {
        "large": null,
        "medium": null,
        "thumbnail": null
      }
    }
  ]
}
```


Filter offers by product SKU

```
GET /offers?products.product_sku=eq|SKERR23423SF9SD934I
```

Filter offers by product tag name

```
GET /offers?pos_items_group.tag_name=eq|promo
```

OFFER

`GET` `/offers/{offer_id}` — Retrieve an offer

Returns a single offer.

Path Parameters

Name	Type	Description
offer_id	number	`Required.` The ID of the offer

Query Parameters

Name	Type	Description
relationships	enum	`Optional.` You can optionally request that the response include related objects. To do so, specify for example: relationships=branch in your request.

Example

```
GET /offers/{offer_id}?relationships=branch HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: eyXai0XD7SLLzaOeJW
Content-Type: application/json
```

Response Body


```
{
  "data": {
    "id": 123,
    "points": 0,
    "expires_at": "2017-07-01T03:59:59+0000",
    "discount_value": 0,
    "multip_factor": 0,
    "real_value": 0,
    "type": "free_product",
    "title": "Offer Title",
    "description": "",
    "images": [
      {
        "default": true,
        "large": "1498064009_594aa4895e8c7.jpg"
      }
    ],
    "branch": {
      "id": "11e6a34f8e89eb0e9708089e01cf89b5",
      "name": "Pizza Nova",
      "web_site": null,
      "logo": {
        "large": null,
        "medium": null,
        "thumbnail": null
      },
      "cover_photo": {
        "large": null,
        "medium": null,
        "thumbnail": null
      }
    }
  }
}
```


URI Parameters Hide

offer_id `string` (required) Example: 123
The unique ID of the offer.

```
Authorization: Bearer <access_token>
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: <your_application_key>
```

Responses 200

Headers

```
Content-Type: application/json
```

Body


```
{
  "data": [
    {
      "id": "111",
      "title": "Offer Title",
      "points": "3000",
      "type_id": 1,
      "type": "free_product",
      "description": "Some Offer Description",
      "expires_at": "2027-06-27T02:59:59+00:00",
      "multip_factor": 2
    },
    {
      "id": "112",
      "title": "Offer Title 2",
      "points": "50000",
      "type_id": 2,
      "type": "free_product",
      "description": "Some Offer Description",
      "expires_at": "2027-04-27T02:59:59+00:00",
      "multip_factor": 0
    }
  ]
}
```


Schema


```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "array"
    }
  }
}
```


`GET` https://api.kangaroorewards.com/offers/123

Requests example 1

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: <your_application_key>
```

Responses 200 404

Headers

```
Content-Type: application/json
```

Body


```
{
  "data": {
    "id": 552,
    "points": 0,
    "expires_at": "2017-04-01T03:59:59+0000",
    "discount_value": 0,
    "multip_factor": 2,
    "real_value": 0,
    "type_id": 8,
    "type": "points_multiplier",
    "title": "Multiply your points",
    "description": "Come on Monday and Multiply your points",
    "external_id: `ORDER_123`": "Hello, world!",
    "images": [
      {
        "original": "https://www.kangaroorewards.com/photos/image.png",
        "large": "https://www.kangaroorewards.com/photos/image1.png",
        "medium": "https://www.kangaroorewards.com/photos/image2.png",
        "thumbnail": "https://www.kangaroorewards.com/photos/image3.png",
        "default": true
      }
    ]
  }
}
```


Schema


```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "object",
      "properties": {
        "id": {
          "type": "number"
        },
        "points": {
          "type": "number"
        },
        "expires_at": {
          "type": "string"
        },
        "discount_value": {
          "type": "number"
        },
        "multip_factor": {
          "type": "number"
        },
        "real_value": {
          "type": "number"
        },
        "type_id": {
          "type": "number",
          "description": "The offer type ID"
        },
        "type": {
          "type": "string"
        },
        "title": {
          "type": "string"
        },
        "description": {
          "type": "string"
        },
        "external_id: `ORDER_123`": {
          "type": "string"
        },
        "images": {
          "type": "array"
        }
      }
    }
  }
}
```

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https://api.kangaroorewards.com

PUT `/offers/{offer_id}` — Update an offer

Update an offer.

Path Parameters

Name	Type	Description
offer_id	number	`Required.` The ID of the offer

> **NOTE:** `type_id` cannot be changed.
> All fields can be updated similar to creating except `type_id` and `offer_id`
> On update all fields are optional.

Example updating an offer

```
PUT /offers/123 HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC...
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: eyXai0XD7SLLzaOeJW...
Content-Type: application/json

{
  "targeted_offer_flag": 0,
  "expires_at": "2020-07-17T18:10:05-00:00",
  "never_expires_flag": 0,
  "discount_value": 10,
  "offer_languages": [
    {
      "language_id": 1,
      "offer_title": "10% OFF today",
      "offer_description": "Available only for today",
      "offer_terms_conditions": "",
      "offer_link": "https://example.com/some-offer"
    }
  ],
  "available_at_branches": [
    {
      "id": "11eaa5c938ec36cc9df9b42e99312ac8"
    },
    {
      "id": "12eac6c914dfbc4e8478b42e99312ac5"
    }
  ],
  "images": [
        {
        "original": "https://www.kangaroorewards.com/photos/image.png",
        "large": "https://www.kangaroorewards.com/photos/image1.png",
        "medium": "https://www.kangaroorewards.com/photos/image2.png",
        "thumbnail": "https://www.kangaroorewards.com/photos/image3.png"
        }
    ]
}
```

Example updating only title

```
PUT /offers/123 HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC...
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: eyXai0XD7SLLzaOeJW...
Content-Type: application/json

{
  "offer_languages": [
    {
      "language_id": 1,
      "offer_title": "10% OFF today"
    }
}
```

URI Parameters Hide

offer_id `string` (required) Example: 123
The unique ID of the offer.

PUT https://api.kangaroorewards.com/offers/123

Requests: example 1

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: <your_application_key>
```

Body

```
{
  "offer_frequency_id": 1,
  "targeted_offer_flag": 1,
  "publish_at": "2020-04-01T03:59:59+0000",
  "expires_at": "2020-04-01T03:59:59+0000",
  "never_expires_flag": 1,
  "discount_value": 10,
  "offer_languages": [
    {
      "language_id": 1,
      "title": "Free coffee",
      "description": "Come on Monday and get a free coffee",
      "offer_terms_conditions": "Offer terms and conditions here",
      "offer_link": "https://example.com/some-offer-link"
    }
  ],
  "images": [
    {
      "original": "https://www.kangaroorewards.com/photos/image.png",
      "large": "https://www.kangaroorewards.com/photos/image1.png",
      "medium": "https://www.kangaroorewards.com/photos/image2.png",
      "thumbnail": "https://www.kangaroorewards.com/photos/image3.png"
    }
  ],
  "available_at_branches": [
    {
      "id": "1es8uwrs8sd9fsf9"
    }
  ]
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "offer_frequency_id": {
      "type": "number",
      "description": "Daily, weekly, specific day and time"
    },
    "targeted_offer_flag": {
      "type": "number",
      "description": "0 Available for everyone, 1 Targeted"
    },
    "publish_at": {
      "type": "string",
      "description": "When the offer will be published"
    },
    "expires_at": {
      "type": "string"
    },
    "never_expires_flag": {
      "type": "number",
      "description": "1 the offer will never expire, 0 it will expire"
    },
    "discount_value": {
      "type": "number"
    },
    "offer_languages": {
      "type": "array"
    },
    "images": {
      "type": "array"
    },
    "available_at_branches": {
      "type": "array"
    }
  }
}
```

Responses: 200 422 403 400 404

Headers

```
Content-Type: application/json
```

Body

```
{
  "data": {
    "id": 552,
    "points": 0,
    "expires_at": "2017-04-01T03:59:59+0000",
    "discount_value": 0,
    "multip_factor": 2,
    "real_value": 0,
    "type_id": 8,
    "type": "points_multiplier",
    "title": "Multiply your points",
    "description": "Come on Monday and Multiply your points",
    "external_id: `ORDER_123`": "Hello, world!",
    "images": [
      {
        "original": "https://www.kangaroorewards.com/photos/image.png",
        "large": "https://www.kangaroorewards.com/photos/image1.png",
        "medium": "https://www.kangaroorewards.com/photos/image2.png",
        "thumbnail": "https://www.kangaroorewards.com/photos/image3.png",
        "default": true
      }
    ]
  }
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "object",
      "properties": {
        "id": {
          "type": "number"
        },
        "points": {
          "type": "number"
        },
        "expires_at": {
          "type": "string"
        },
        "discount_value": {
          "type": "number"
        },
        "multip_factor": {
          "type": "number"
        },
        "real_value": {
          "type": "number"
        },
        "type_id": {
          "type": "number",
          "description": "The offer type ID"
        },
        "type": {
          "type": "string"
        },
        "title": {
          "type": "string"
        },
        "description": {
          "type": "string"
        },
        "external_id: `ORDER_123`": {
          "type": "string"
        },
        "images": {
          "type": "array"
        }
      }
    }
  }
}
```

DELETE `/offers/{offer_id}` — Delete an offer

Delete an offer

Path Parameters

Name	Type	Description
offer_id	number	`Required.` The ID of the offer

Example

```
DELETE /offers/123 HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC...
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: eyXai0XD7SLLzaOeJW
Content-Type: application/json
```

URI Parameters Hide

offer_id `string` (required) Example: 123
The unique ID of the offer.

DELETE https://api.kangaroorewards.com/offers/123

Requests: example 1

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: <your_application_key>
```

Responses: 204 403 404

Headers

```
Content-Type: application/json
```

Offer Images

RESOURCE

POST `/offers/images`

Uploading new images. Supported image format: jpeg, jpg, png, gif

> **NOTE:** Images must be uploaded to Kangaroo Rewards. Only binary format is supported. External images are NOT allowed: a remote HTTP or HTTPS URL, a private storage URL, a base-64 data URI, an FTP URL, or a Cloud Storage URL.
>
> Large, medium and thubnail images MUST be cropped before uploading with Aspect ratio: 1.7:1
>
> Large - Minimum dimensions: 800 x 470 px

POST https://api.kangaroorewards.com/offers/images

Requests: example 1

Headers

```
Authorization: Bearer <access_token>
X-Application-Key: eyXai0XD7SLLzaOeJW
```

> Medium - Minimum dimensions: 606 x 356 px
>
> Thumbnail - Minimum dimensions: 450 x 264 px

Body parameters common for all offer types

Name	Type	Description
image_original	binary	`Required` original image. max: 10MB
image_large	binary	`Required` large size image. max: 1MB. Minimum dimensions: 450 x 264 px
image_medium	binary	`Required` medium size image. max: 512KB. Minimum dimensions: 450 x 264 px
image_thumbnail	binary	`Required` thumbnail size image. max: 256KB. Minimum dimensions: 450 x 264 px

Example

```
POST /offers/images HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC...
X-Application-Key: eyXai0XD7SLLzaOeJW...
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: multipart/form-data; boundary=AaB03x

--AaB03x
Content-Disposition: form-data; name="image_original" filename="image.png"

content of image.png ...

--AaB03x
Content-Disposition: form-data; name="image_large" filename="image1.png"

content of image1.png ...
--AaB03x
Content-Disposition: form-data; name="image_medium" filename="image2.png"

content of image2.png ...
--AaB03x
Content-Disposition: form-data; name="image_thumbnail" filename="image3.png"

content of image3.png ...
```

Response Body

```
{
  "data": {
        "original": "https://www.kangaroorewards.com/photos/image.png",
        "large": "https://www.kangaroorewards.com/photos/image1.png",
        "medium": "https://www.kangaroorewards.com/photos/image2.png",
        "thumbnail": "https://www.kangaroorewards.com/photos/image3.png"
    }
}
```

```
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: multipart/form-data;boundary=----WebKitFormBoundary8M3sSU13ul5lXSJm
```

Body

```
------WebKitFormBoundary8M3sSU13ul5lXSJm

Content-Disposition: form-data; name="image_original"; filename="image.jpg"
Content-Type: image/jpeg

content of image...
------WebKitFormBoundary8M3sSU13ul5lXSJm

Content-Disposition: form-data; name="image_large"; filename="image1.jpg"
Content-Type: image/jpeg

content of image...
------WebKitFormBoundary8M3sSU13ul5lXSJm

Content-Disposition: form-data; name="image_medium"; filename="image2.jpg"
Content-Type: image/jpeg

content of image...
------WebKitFormBoundary8M3sSU13ul5lXSJm

Content-Disposition: form-data; name="image_thumbnail"; filename="image3.jpg"
Content-Type: image/jpeg

content of image...
------WebKitFormBoundary8M3sSU13ul5lXSJm--
```

Responses 200

Headers

```
Content-Type: application/json
```

Body

```
{
  "data": {
    "original": "https://www.kangaroorewards.com/photos/image.png",
    "large": "https://www.kangaroorewards.com/photos/image1.png",
    "medium": "https://www.kangaroorewards.com/photos/image2.png",
    "thumbnail": "https://www.kangaroorewards.com/photos/image1.png"
  }
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "object",
      "properties": {
        "original": {
          "type": "string"
        },
        "large": {
          "type": "string"
        },
        "medium": {
          "type": "string"
        },
        "thumbnail": {
          "type": "string"
        }
      }
    }
  }
}
```

Products

PRODUCT

POST `/products` — Create product

Create product

Body parameters

Name	Type	Description
promote_flag	integer	`Optional` (0,1) Default 0
product_sku	string	`Optional` Product stock-keeping unit. Min: 3 characters, max: 100 characters
product_actual_price	numeric	`Optional` Product actual price. Default 0
product_real_price	numeric	`Optional` Product real price. Default 0
images	array	`Optional` Up to 4 items
images.*.original	string,url	`Optional` The uploaded image path, max: 255
images.*.large	string,url	`Optional` The uploaded image path, max: 255
images.*.medium	string,url	`Optional` The uploaded image path, max: 255
images.*.thumbnail	string,url	`Optional` The uploaded image path, max: 255
available_at_branches	array	`Required` - A list of branches where the product is available at. At least one branch is required
available_at_branches.*.id	string	`Required` Branch ID
product_languages	array	`Required` - At least English is required, language_id = 1
product_languages.*.language_id	integer	`Required` - 1 - English, 2 - French, 3 - Spanish
product_languages.*.product_title	string	`Required` - Product title in that language. max: 255
product_languages.*.product_description	string	`Optional` - Product description in that language. max 500
product_languages.*.product_terms_conditions	string	`Optional` - Product terms and conditions. max: 1000
product_languages.*.product_link	string,url	`Optional` - An external link for product. max: 100

Example: Create product

```
POST /products HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC...
X-Application-Key: eyXai0XD7SLLzaOeJW...
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
    "promote_flag": 1,
    "product_sku": "AB1234",
    "product_actual_price": 10.50,
    "product_real_price": 10.50,
    "product_languages": [
        {
            "language_id": 1,
            "product_title": "Product A",
            "product_description": "Product A description.",
            "product_terms_conditions": "Product A terms and conditions.",
            "product_link": "https://example.com/some-product-link"
        }
    ],
    "available_at_branches": [
      {
        "id": "11eaa5c938ec36cc9df9b42e99312ac8"
      },
      {
        "id": "12eac6c914dfbc4e8478b42e99312ac5"
      }
    ],
    "images": [
        {
          "original": "https://www.kangaroorewards.com/photos/image.png",
          "large": "https://www.kangaroorewards.com/photos/image1.png",
          "medium": "https://www.kangaroorewards.com/photos/image2.png",
          "thumbnail": "https://www.kangaroorewards.com/photos/image3.png"
        }
    ]
}
```

Response Body

```
{
  "data": {
    "id": 1,
    "title": "Product A",
    "description": "Product A description.",
    "images": [
        {
            "large": "https://www.kangaroorewards.com/photos/image1.png",
            "medium": "https://www.kangaroorewards.com/photos/image2.png",
            "thumbnail": "https://www.kangaroorewards.com/photos/image3.png",
            "path": "https://www.kangaroorewards.com/photos/image.png",
            "default": true,
        }
    ],
    "product_sku": "AB1234",
    "actual_price": 10.50,
    "real_price": 10.50,
    "terms_conditions": "",
    "link": "https://example.com/some-product-link",
    "product_languages": [
        {
          "language_id": 1,
          "title": "Product A",
          "description": "Product A description.",
          "terms_conditions": "Product A terms and conditions.",
          "link": "https://example.com/some-product-link",
          "language": {
            "id":1,
            "abbreviation": "en",
            "name": "English"
          }
        }
    ]
  }
}
```

POST https://api.kangaroorewards.com/products

Requests example 1

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
```

Body

```
{
  "promote_flag": 1,
  "product_sku": "AB1234",
  "product_actual_price": 10.5,
  "product_real_price": 10.5,
  "product_languages": [
    {
      "language_id": 1,
      "product_title": "Product A",
      "product_description": "Product A description.",
      "product_terms_conditions": "Product A terms and conditions.",
      "product_link": "https://example.com/some-product-link"
    }
  ],
  "available_at_branches": [
    {
      "id": "11eaa5c938ec36cc9df9b42e99312ac8"
    },
    {
      "id": "12eac6c914dfbc4e8478b42e99312ac5"
    }
  ],
  "images": [
    {
      "original": "https://www.kangaroorewards.com/photos/image.png",
      "large": "https://www.kangaroorewards.com/photos/image1.png",
      "medium": "https://www.kangaroorewards.com/photos/image2.png",
      "thumbnail": "https://www.kangaroorewards.com/photos/image3.png"
    }
  ]
}
```

Responses 200

Headers

```
Content-Type: application/json
```

Body

```
{
  "data": {
    "id": 1,
    "title": "Product A",
    "description": "Product A description",
    "images": [
      {
        "original": "https://www.kangaroorewards.com/photos/image.png",
        "large": "https://www.kangaroorewards.com/photos/image1.png",
        "medium": "https://www.kangaroorewards.com/photos/image2.png",
        "thumbnail": "https://www.kangaroorewards.com/photos/image3.png"
      }
    ],
    "product_sku": "AB123",
    "actual_price": 10.5,
    "real_price": 10.5,
    "terms_conditions": "Product A terms and conditions.",
    "link": "https://example.com/some-product-link",
    "product_languages": [
      {
        "language_id": 1,
        "title": "Product A",
        "description": "Product A description.",
        "terms_conditions": "Product A terms and conditions.",
        "link": "https://example.com/some-product-link",
        "language": [
          {
            "id": 1,
            "abbreviation": "en",
            "name": "English"
          }
        ]
      }
    ]
  }
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "object",
      "properties": {
        "id": {
          "type": "number",
          "description": "The product ID 1,2,3"
        },
        "title": {
          "type": "string",
          "description": "Product title"
        },
        "description": {
          "type": "string",
          "description": "Product description"
        },
        "images": {
          "type": "array"
        },
        "product_sku": {
          "type": "string"
        },
        "actual_price": {
          "type": "number"
        },
        "real_price": {
          "type": "number"
        },
        "terms_conditions": {
          "type": "string"
        },
        "link": {
          "type": "string"
```

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- Account
- Customers
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- Rewards
- Product Rewards
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```
        },
        "product_languages": {
          "type": "array"
        }
      }
    }
  }
}
```

GET `/products` — List all products

List all products

Example

```
GET /products HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

Response Body


```
{
  "data": [
    {
      "id": 1,
      "title": "Product A",
      "description": "Product A description",
      "images": [
        {
            "large": "https://www.kangaroorewards.com/photos/image1.png",
            "medium": "https://www.kangaroorewards.com/photos/image2.png",
            "thumbnail": "https://www.kangaroorewards.com/photos/image3.png"
            "path": "https://www.kangaroorewards.com/photos/image.png",
            "default": true,
        }
      ],
      "product_sku": "AB123",
      "actual_price": 10.50,
      "real_price": 10.50,
      "terms_conditions": "Product A terms and conditions.",
      "link": "https://example.com/some-product-link",
      "product_languages": [
          {
            "language_id": 1,
            "title": "Product A",
            "description": "Product A description.",
            "terms_conditions": "Product A terms and conditions.",
            "link": "https://example.com/some-product-link",
            "language": {
              "id":1,
              "abbreviation": "en",
              "name": "English"
            }
          }
      ]
    }
  ]
}
```


GET https://api.kangaroorewards.com/products

Requests: example 1

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
```

Responses: 200

Headers

```
Content-Type: application/json
```

Body


```
{
  "data": [
    {
      "id": 1,
      "title": "Product A",
      "description": "Product A description",
      "images": [
        {
          "original": "https://www.kangaroorewards.com/photos/image.png",
          "large": "https://www.kangaroorewards.com/photos/image1.png",
          "medium": "https://www.kangaroorewards.com/photos/image2.png",
          "thumbnail": "https://www.kangaroorewards.com/photos/image3.png"
        }
      ],
      "product_sku": "AB123",
      "actual_price": 10.5,
      "real_price": 10.5,
      "terms_conditions": "Product A terms and conditions.",
      "link": "https://example.com/some-product-link",
      "product_languages": [
        {
          "language_id": 1,
          "title": "Product A",
          "description": "Product A description.",
          "terms_conditions": "Product A terms and conditions.",
          "link": "https://example.com/some-product-link",
          "language": [
            {
              "id": 1,
              "abbreviation": "en",
              "name": "English"
            }
          ]
        }
      ]
    }
  ]
}
```


Schema


```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "array"
    }
  }
}
```


Branches

RESOURCE

GET `/branches`

This endpoint retrieves a list of all physical branches associated with the business. By default, virtual branches are excluded from the response. To include virtual branches in the result, use the `include` parameter.

Query Parameters

Name	Type	Description
page	integer	`Optional.` Provide this to retrieve the next set of results for your original query. Default value page=1
per_page	integer	`Optional.` Provide this to set the number of items in the page. Default value 15; Maximum value 100
include	string	`Optional.` Optionally include extra resources in the response. Ex: virtual_branch

Example

```
GET /branches HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

Response Body


```
{
  "data": [
    {
      "id": "11e696103f8ff5eabb02089e01cf89b5",
      "name": "Retrorant",
      "address": {
        "formatted": "1060 Boulevard Robert-Bourassa",
        "city": "Montreal",
        "region": "Quebec",
        "country": "Canada",
        "lat": 45.485169,
        "long": -73.580989
      }
    }
  ]
}
```


Example request including virtual branches (E-commerce)

```
GET /branches?include=virtual_branch HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

GET https://api.kangaroorewards.com/branches

Requests: example 1

Headers

```
Authorization: Bearer <access_token>
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
```

Responses: 200

Headers

```
Content-Type: application/json
```

Body


```
{
  "data": [
    {
      "id": "11e696103f8ff5eabb02089e01cf89b5",
      "name": "Retrorant (Gauchetiere)",
      "address": {
        "formatted": "1060 Boulevard Robert-Bourassa",
        "city": "Montreal",
        "region": "Quebec",
        "country": "Canada",
        "lat": 45.485169,
        "long": -73.580989
      }
    }
  ]
}
```


Schema


```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "array"
    }
  }
}
```


Tiers

RESOURCE

GET `/tiers`

List Tiers.

Query Parameters

Name	Type	Description
page	integer	`Optional.` Provide this to retrieve the next set of results for your original query. Default value page=1
per_page	integer	`Optional.` Provide this to set the number of items in the page. Default value 15; Maximum value 100
relationships	enum	`Optional.` You can optionally request that the response include related resources. To do so, specify relationships=tier_levels in your request.

Tiers sequence

The `tiers_sequence` value is an array with numbers: 1,2,3

- 1 - Spend
- 2 - Points
- 3 - Visits

Tiers criterion

When `tiers_relation` is 0 - At least one selected criterion When `tiers_relation` is 1 - Tiers combine all selected criterion

Example

```
GET /tiers HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

Response Body


```
{
  "data": [
        {
            "id": 32,
            "tiers_sequence": [
                "2",
                "1",
                "3"
            ],
            "tiers_relation": 0,
            "reset_type": 1,
            "reset_period_month": 1,
            "base_previous_period": 0,
            "enabled": true
        }
    ]
}
```


Example with Tier Levels

```
GET /tiers?relationships=tier_levels HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

Response Body


```
{
  "data": [
        {
```


GET https://api.kangaroorewards.com/tiers

Requests: example 1

Headers

```
Authorization: Bearer <access_token>
Accept: application/vnd.kangaroorewards.api.v1+json;
```

Responses: 200

Headers

```
Content-Type: application/json
```

Body


```
{
  "data": [
    {
      "id": 123,
      "tiers_sequence": [
        "1",
        "2",
        "3"
      ],
      "tiers_relation": 0,
      "reset_type": 1,
      "reset_period_month": 1,
      "base_previous_period": 0,
      "enabled": false,
      "tier_levels": []
    }
  ]
}
```


Schema


```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "array"
    }
  }
}
```

```
            "id": 32,
            "tiers_sequence": [
                "1",
                "2",
                "3"
            ],
            "tiers_relation": 0,
            "reset_type": 1,
            "reset_period_month": 1,
            "base_previous_period": 0,
            "enabled": true,
            "tier_levels": [
                {
                    "id": 25,
                    "name": "VIP",
                    "reach_spend": 1,
                    "reach_visits": 1,
                    "reach_points": 1
                },
                {
                    "id": 26,
                    "name": "Platinum",
                    "reach_spend": 2,
                    "reach_visits": 2,
                    "reach_points": 2
                },
                {
                    "id": 27,
                    "name": "Gold",
                    "reach_spend": 3,
                    "reach_visits": 3,
                    "reach_points": 3
                }
            ]
        }
    ],
}
```


Referral Programs

REFERRAL PROGRAM

`GET` `/referral-programs` — List Referral Programs

List Referral Programs.

Query Parameters

Name	Type	Description
page	integer	`Optional.` Provide this to retrieve the next set of results for your original query. Default: page=1
per_page	integer	`Optional.` Provide this to set the number of items in the page. Default: 15; Maximum: 100

Example

```
GET /referral-programs HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

Response Body


```
{
  "data": [
        {
            "id": 1056,
            "rule_name": "REFERRAL_RULES_PURCHASE",
            "cond_min_amount": 5,
            "referee_earns": 10,
            "referer_earns": 50,
            "expires_in": 60,
            "enabled": true,
            "link_referral_enabled": true,
            "referral_link": ""
        }
    ]
}
```


GET https://api.kangaroorewards.com/referral-programs

Requests: example 1

Headers

```
Authorization: Bearer <access_token>
Accept: application/vnd.kangaroorewards.api.v1+json;
```

Responses: 200

Headers

```
Content-Type: application/json
```

Body


```
{
  "data": [
    {
      "id": 123,
      "cond_min_amount": 3.99,
      "referee_earns": 100,
      "referer_earns": 10,
      "expires_in": 0,
      "enabled": false,
      "link_referral_enabled": true
    }
  ]
}
```


Schema


```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "array"
    }
  }
}
```


`GET` `/referral-programs/` — Retieve a Referral Program

Get a specific referral program.

Query Parameters

Name	Type	Description
page	integer	`Optional.` Provide this to retrieve the next set of results for your original query. Default: page=1
per_page	integer	`Optional.` Provide this to set the number of items in the page. Default: 15; Maximum: 100
include	string	`Optional.` Provide this to get the general analytics of the referral program

Example

```
GET /referral-programs/{referral_program_id} HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

Response Body


```
{
  "data": [
    {
        "id": 1056,
        "rule_name": "REFERRAL_RULES_PURCHASE",
        "cond_min_amount": 5,
        "referee_earns": 10,
        "referer_earns": 50,
        "expires_in": 60,
        "enabled": true,
        "link_referral_enabled": true,
        "referral_link": ""
    }
  ],
  "included": {
    "analytics": {
      "total_referee_met": 0,
      "total_referrees": 4,
      "total_referrers": 2,
      "total_referee_pending": 2,
      "total_referee_not_met": 0
    }
  }
}
```


GET https://api.kangaroorewards.com/referral-programs/

Requests: example 1

Headers

```
Authorization: Bearer <access_token>
Accept: application/vnd.kangaroorewards.api.v1+json;
```

Responses: 200

Headers

```
Content-Type: application/json
```

Body


```
{
  "data": [
    {
      "id": 123,
      "cond_min_amount": 3.99,
      "referee_earns": 100,
      "referer_earns": 10,
      "expires_in": 0,
      "enabled": false,
      "link_referral_enabled": true
    }
  ]
}
```


Schema


```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "array"
    }
  }
}
```


`POST` `/referral-programs` — Create a Referral Program

Create a referral program. Currently the business can only have one referral program enabled. So this request will disable the current referral program.

Name	Type	Description
cond_min_amount	numeric	`Required` The minimum purchase amount condition.
expires_in	integer	`Required` Expires in number of days.
referee_earns	integer	`Required` How many points the referee earns.
referer_earns	integer	`Required` How many points the referrer earns.
link_referral_enabled	boolean	`Optional` Default true. Is referral link enabled.
enabled	boolean	`Optional` Default true

Example creating a referral program

```
POST /referral-programs HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC...
Accept: application/vnd.kangaroorewards.api.v1+json
X-Application-Key: eyXai0XD7SLLzaOeJW...
Content-Type: application/json

{
  "cond_min_amount": 30.00,
  "referee_earns": 50,
  "referer_earns": 10,
  "expires_in": 35,
  "enabled": true,
  "link_referral_enabled": true
}
```

POST https://api.kangaroorewards.com/referral-programs

Requests: example 1

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: <your_application_key>
```

Body

```
{
  "cond_min_amount": 10,
  "referee_earns": 150,
  "referer_earns": 50,
  "expires_in": 30,
  "enabled": true,
  "link_referral_enabled": true
}
```

Schema


```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "cond_min_amount": {
      "type": "number",
      "description": "The minimum purchase amount condition."
    },
    "referee_earns": {
      "type": "number",
      "description": "How many points the referee earns"
    },
    "referer_earns": {
      "type": "number",
      "description": "How many points the referrer earns"
    },
    "expires_in": {
      "type": "number",
      "description": "Expires in number of days"
    },
    "enabled": {
      "type": "boolean"
    },
    "link_referral_enabled": {
      "type": "boolean",
      "description": "Is referral link enabled"
    }
  }
}
```


Responses: 200 422 403

Headers

```
Content-Type: application/json
```

Body


```
{
  "data": {
    "id": 123,
    "cond_min_amount": 3.99,
    "referee_earns": 100,
```

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- Account
- Customers
- Customer Transactions
- Customer Offers
- Customer Available Coupons
- Customer Actions
- Claimable Offers
- Customer Rewards
- Customer Consents
- Customer CRM fields
- Customer Targeted Offers
- Transactions
- Transaction Details
- Rewards
- Product Rewards
- Offers
- Offer Images
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- Workflow Main Actions
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- Question Replies

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```
  "referer_earns": 10,
  "expires_in": 0,
  "enabled": false,
  "link_referral_enabled": true
 }
}
```

Schema


```
{
 "$schema": "http://json-schema.org/draft-04/schema#",
 "type": "object",
 "properties": {
  "data": {
   "type": "object",
   "properties": {
    "id": {
     "type": "number"
    },
    "cond_min_amount": {
     "type": "number"
    },
    "referee_earns": {
     "type": "number",
     "description": "How many points the referee earns"
    },
    "referer_earns": {
     "type": "number",
     "description": "How many points the referrer earns"
    },
    "expires_in": {
     "type": "number",
     "description": "Expires in number of days"
    },
    "enabled": {
     "type": "boolean",
     "description": "Active or Inactive"
    },
    "link_referral_enabled": {
     "type": "boolean",
     "description": "Is referral link enabled"
    }
   }
  }
 }
}
```


Business Rules ¶

BUSINESS RULES ¶

GET `/rules` — Retrieve Business Rules

Retrieving existing business rules.

Example

```
GET /rules HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

Response Body

```
{
 "data": {
  "earning": {
   "reward_ratio": 100,
   "reward_amount": 1,
   "reward_points": 100,
   "reward_milestone_amount": 1,
   "welcome_points": 100
  },
  "redeeming": {
   "redemption_ratio": 2,
   "redemption_amount": 1
  },
  "currency": null
 }
}
```

GET https://api.kangaroorewards.com/rules

Requests: example 1

Headers

```
Authorization: Bearer <access_token>
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
```

Responses: 200

Headers

```
Content-Type: application/json
```

Body

```
{
 "data": {
  "earning": {
   "reward_ratio": 10,
   "reward_milestone_amount": 1,
   "reward_points": 100,
   "reward_amount": 1,
   "welcome_points": 100,
   "round_up_points": true,
   "tiers_earning_override": true,
   "tiers_earning_rules": [
    {
     "id": 78,
     "amount": 1,
     "points": 15
    }
   ]
  },
  "redeeming": {
   "redemption_ratio": 2,
   "redemption_amount": 1
  }
 }
}
```

Schema


```
{
 "$schema": "http://json-schema.org/draft-04/schema#",
 "type": "object",
 "properties": {
  "data": {
   "type": "object",
   "properties": {
    "earning": {
     "type": "object",
     "properties": {
      "reward_ratio": {
       "type": "number",
       "description": "The number of points customer will earn for each $1"
      },
      "reward_milestone_amount": {
       "type": "number",
       "description": "For each $1"
      },
      "reward_points": {
       "type": "number",
       "description": "ALIAS"
      },
      "reward_amount": {
       "type": "number",
       "description": "ALIAS"
      },
      "welcome_points": {
       "type": "number",
       "description": "Number of welcome points"
      },
      "round_up_points": {
       "type": "boolean",
       "description": "Round up earning points."
      },
      "tiers_earning_override": {
       "type": "boolean",
       "description": "Override earning rules based on Tiers."
      },
      "tiers_earning_rules": {
       "type": "array",
       "description": "Earning rules based on Tiers."
      }
     }
    },
    "redeeming": {
     "type": "object",
     "properties": {
      "redemption_ratio": {
       "type": "number",
       "description": "Redemption ratio. Only for E-comm"
      },
      "redemption_amount": {
       "type": "number",
       "description": "Redemption amount. Only for E-comm"
      }
     }
    }
   }
  }
 }
}
```


PATCH `/rules` — Update Business Rules

Update business rules.

Body Parameters

Name	Type	Description
reward_ratio	numeric	`Optional.` The number of points customer will earn for each $1. Positive number. Minimum: 0
reward_milestone_amount	numeric	`Optional.` For each $x. Positive number. Minimum: 1
redemption_ratio	numeric	`Optional.` Redemption ratio. Only for E-comm
redemption_amount	numeric	`Optional.` Redemption amount. Only for E-comm
round_up_points	boolean	`Optional.` Round up earning points. The reward points calculation involves taking the floor value of the amount spent divided by the reward milestone amount, then multiplying by the reward ratio to get the reward points. If the round-up earning points feature is enabled, then round up the calculated reward points.
tiers_earning_override	boolean	`Optional.` Override earning rules based on Tiers
tiers_earning_rules	array	`Optional.`
tiers_earning_override.*.id	integer	`Required when tiers_earning_rules is present.` Tier level Id.
tiers_earning_override.*.amount	numeric	`Optional.` For each $x.
tiers_earning_override.*.points	integer	`Optional.` The number of points customer will earn for $amount

Example:

```
PATCH /rules HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC...
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: eyXai0XD7SLLzaOeJW...
Content-Type: application/json

{
    "reward_ratio": 100,
    "reward_milestone_amount": 1,
    "redemption_ratio": 20,
    "redemption_amount": 1,
    "round_up_points": true,
    "welcome_points": 100,
    "tiers_earning_override": true,
    "tiers_earning_rules": [
        {
            "id": 78,
            "amount": 1,
            "points": 15
        },
        {
```

PATCH https://api.kangaroorewards.com/rules

Requests: example 1

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Application-Key: <your_application_key>
```

Body

```
{
  "reward_ratio": 10,
  "reward_milestone_amount": 1,
  "redemption_ratio": 2,
  "redemption_amount": 1
}
```

Schema


```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "reward_ratio": {
      "type": "number",
      "description": "The number of points customer will earn for each $1"
    },
    "reward_milestone_amount": {
      "type": "number",
      "description": "For each $1"
    },
    "redemption_ratio": {
      "type": "number",
      "description": "Redemption ratio. Only for E-comm"
    },
    "redemption_amount": {
      "type": "number",
      "description": "Redemption amount. Only for E-comm"
    }
  }
}
```


Responses: 200 422 403 400

- Overview
- Account
- Customers
- Customer Transactions
- Customer Offers
- Customer Available Coupons
- Customer Actions
- Claimable Offers
- Customer Rewards
- Customer Consents
- Customer CRM fields
- Customer Targeted Offers
- Transactions
- Transaction Details
- Rewards
- Product Rewards
- Offers
- Offer Images
- Products
- Branches
- Tiers
- Referral Programs
- Business Rules
- Workflow Main Triggers
- Workflow Main Actions
- Workflows
- Reviews
- Questions
- Question Replies

https://api.kangaroorewards.com


```
            "id": 79,
            "amount": 1,
            "points": 20
        },
        {
            "id": 475,
            "amount": 1,
            "points": 25
        }
    ]
}
```


Headers

```
Content-Type: application/json
```

Body


```
{
  "data": {
    "earning": {
      "reward_ratio": 10,
      "reward_milestone_amount": 1,
      "reward_points": 100,
      "reward_amount": 1,
      "welcome_points": 100,
      "round_up_points": true,
      "tiers_earning_override": true,
      "tiers_earning_rules": [
        {
          "id": 78,
          "amount": 1,
          "points": 15
        }
      ]
    },
    "redeeming": {
      "redemption_ratio": 2,
      "redemption_amount": 1
    }
  }
}
```


Schema


```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "object",
      "properties": {
        "earning": {
          "type": "object",
          "properties": {
            "reward_ratio": {
              "type": "number",
              "description": "The number of points customer will earn for each $1"
            },
            "reward_milestone_amount": {
              "type": "number",
              "description": "For each $1"
            },
            "reward_points": {
              "type": "number",
              "description": "ALIAS"
            },
            "reward_amount": {
              "type": "number",
              "description": "ALIAS"
            },
            "welcome_points": {
              "type": "number",
              "description": "Number of welcome points"
            },
            "round_up_points": {
              "type": "boolean",
              "description": "Round up earning points."
            },
            "tiers_earning_override": {
              "type": "boolean",
              "description": "Override earning rules based on Tiers."
            },
            "tiers_earning_rules": {
              "type": "array",
              "description": "Earning rules based on Tiers."
            }
          }
        },
        "redeeming": {
          "type": "object",
          "properties": {
            "redemption_ratio": {
              "type": "number",
              "description": "Redemption ratio. Only for E-comm"
            },
            "redemption_amount": {
              "type": "number",
              "description": "Redemption amount. Only for E-comm"
            }
          }
        }
      }
    }
  }
}
```


Workflow Main Triggers ¶

WORKFLOW MAIN TRIGGER ¶

`GET` `/workflow-main-triggers` — List all Main Triggers

Returns a list of workflow triggers

Query Parameters

Name	Type	Description
page	integer	`Optional.` Provide this to retrieve the next set of results for your original query. Default value page=1
per_page	integer	`Optional.` Provide this to set the number of items in the page. Default value 15; Maximum value 100

Response

```
conditions: The available conditions for the trigger.
conditions.*.url: The URL that provides selectable options for the condition.
conditions.*.relations: The selectable options for the condition.
```

Examples

```
GET /workflow-main-triggers HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsImp0aSI6ImFmODNk
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

Response Body


```
{
  "data": [
    {
      "id": 1,
      "trigger_name": "Created Account",
      "description": "",
      "conditions": [
        {
          "id": 1,
          "type": "list",
          "label": "Branch",
          "url": "https://api.kangaroorewards.com/branches?include=virtual_branch",
          "relations": null
        },
        {
          "id": 2,
          "type": "list",
          "label": "Specific Day",
          "url": null,
          "relations": [
            {
              "label": "Monday",
              "value": 1
            },
            {
              "label": "Tuesday",
              "value": 2
            },
            {
              "label": "Wednesday",
              "value": 3
            },
            {
              "label": "Thursday",
              "value": 4
            },
            {
              "label": "Friday",
              "value": 5
            },
            {
              "label": "Saturday",
              "value": 6
            },
            {
              "label": "Sunday",
              "value": 7
            }
          ]
        }
      ]
    }
  ]
}
```


GET https://api.kangaroorewards.com/workflow-main-triggers

Requests: example 1

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
X-Application-Key: <X-Application-Key>
Accept: application/vnd.kangaroorewards.api.v1+json;
```

Responses: 200

Headers

```
Content-Type: application/json
```

Body


```
{
  "data": [
    {
      "id": 1,
      "trigger_name": "Created Account",
      "description": "Created Account",
      "conditions": [
        {
          "id": 1,
          "type": "list",
          "label": "Branch",
          "url": "https://api.kangaroorewards.com/branches?include=virtual_branch",
          "relations": "null"
        },
        {
          "id": 2,
          "type": "list",
          "label": "Specific Day",
          "url": "null",
          "relations": [
            {
              "label": "Monday",
              "value": 1
            },
            {
              "label": "Tuesday",
              "value": 2
            },
            {
              "label": "Wednesday",
              "value": 3
            },
            {
              "label": "Thursday",
              "value": 4
            },
            {
              "label": "Friday",
              "value": 5
            },
            {
              "label": "Saturday",
              "value": 6
            },
            {
              "label": "Sunday",
              "value": 7
            }
          ]
        }
      ]
    }
  ]
}
```


Schema


```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "array"
    }
  }
}
```


Workflow Main Actions ¶

WORKFLOW MAIN ACTION ¶

`GET` `/workflow-main-actions` — List all main actions

Returns a list of workflow actions

Query Parameters

Name	Type	Description
page	integer	`Optional.` Provide this to retrieve the next set of results for your original query. Default value page=1
per_page	integer	`Optional.` Provide this to set the number of items in the page. Default value 15; Maximum value 100

Examples

```
GET /workflow-main-actions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsImp0aSI6ImFmODNk
```

GET https://api.kangaroorewards.com/workflow-main-actions

Requests: example 1

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
X-Application-Key: <X-Application-Key>
Accept: application/vnd.kangaroorewards.api.v1+json;
```

Responses: 200

Headers

```
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

Response Body


```
{
    "data": [
        {
            "id": 1,
            "action_name": "Email",
            "description": ""
        },
        {
            "id": 2,
            "action_name": "Send SMS"
            "description": ""
        },
        {
            "id": 3,
            "action_name": "Reward Points"
            "description": ""
        },
        {
            "id": 4,
            "action_name": "Wait"
            "description": ""
        }
    ]
}
```


```
Content-Type: application/json
```

Body


```
{
  "data": [
    {
      "data": [
        {
          "id": 1,
          "action_name": "Email",
          "description": "Email"
        },
        {
          "id": 2,
          "action_name": "Send SMS",
          "description": "Send SMS"
        },
        {
          "id": 3,
          "action_name": "Reward Points",
          "description": "Reward Points"
        },
        {
          "id": 4,
          "action_name": "Wait",
          "description": "Delay"
        }
      ]
    }
  ]
}
```


Schema


```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "array"
    }
  }
}
```


Workflows ¶

WORKFLOW ¶

GET `/workflows` — List all workflows

Returns a list of workflows

Query Parameters

Name	Type	Description
page	integer	`Optional.` Provide this to retrieve the next set of results for your original query. Default value page=1
per_page	integer	`Optional.` Provide this to set the number of items in the page. Default value 15; Maximum value 100
include	string	`Optional.` You can optionally include=triggers,actions,action_stats in your request.

Examples

```
GET /workflows?include=triggers,actions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsImp0aSI6ImFmODNk
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

Response Body


```
{
  "data": [
    {
      "id": 14,
      "name": "Completed profile",
      "created_at": "2024-02-06T16:07:52+00:00",
      "published_at": "2024-01-10T01:01:01+00:00",
      "expires_at": "2024-12-14T01:01:01+00:00",
      "workflow_version": {
        "id": 47,
        "workflow_id": 14,
        "external_workflow_revision_id": "000017-5a5",
        "created_at": "2024-02-20T01:37:52.000000Z"
      },
      "triggers": [
        {
          "id": 29,
          "main_trigger_id": 3,
          "created_at": "2024-02-20T01:14:40+00:00"
        }
      ],
      "actions": [
        {
          "id": 35,
          "main_action_id": 3,
          "name": null,
          "action_key": "Reward_Points_17072356685213_45745",
          "parent_id": 61,
          "created_at": "2024-02-20T01:37:52+00:00",
          "conditions": null,
          "relations": [
            {
              "label": "point",
              "value": 10,
              "entity_id": null,
              "entity_type": "points"
            }
          ],
          "stats": {
            "completed": 3,
            "failed": 0,
            "in_progress": 0
          }
        },
        {
          "id": 61,
          "main_action_id": 4,
          "name": null,
          "action_key": "Wait_17072356685358_92300",
          "parent_id": null,
          "created_at": "2024-02-20T01:37:52+00:00",
          "conditions": null,
          "relations": null,
          "stats": {
            "completed": 3,
            "failed": 0,
            "in_progress": 1
          }
        }
      ]
    }
  ],
  "links": {
    "first": "http://api.kangaroorewards.com/workflows?page=1",
    "last": null,
    "prev": null,
    "next": null
  },
  "meta": {
    "current_page": 1,
    "from": 1,
    "path": "http://api.kangaroorewards.com/workflows",
    "per_page": 15,
    "to": 1
  }
}
```


GET https://api.kangaroorewards.com/workflows

Requests: example 1

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
X-Application-Key: <X-Application-Key>
Accept: application/vnd.kangaroorewards.api.v1+json;
```

Responses: 200

Headers

```
Content-Type: application/json
```

Body


```
{
  "data": [
    {
      "id": 14,
      "name": "Completed profile",
      "created_at": "2024-02-06T16:07:52+00:00",
      "published_at": "2024-01-10T01:01:01+00:00",
      "expires_at": "2024-12-14T01:01:01+00:00",
      "workflow_version": {
        "id": 47,
        "workflow_id": 14,
        "external_workflow_revision_id": "000017-5a5",
        "created_at": "2024-02-20T01:37:52.000000Z"
      },
      "triggers": [
        {
          "id": 29,
          "main_trigger_id": 3,
          "created_at": "2024-02-20T01:14:40+00:00"
        }
      ],
      "actions": [
        {
          "action_key: `Reward_Points_17072356685213_45745`": "",
          "parent_id": 61,
          "id": 61,
          "main_action_id": 4,
          "name": "null",
          "action_key: `Wait_17072356685358_92300`": "",
          "parent_id null": null,
          "created_at": "2024-02-20T01:37:52+00:00",
          "conditions": "null",
          "relations": []
        }
      ]
    }
  ]
}
```


Schema


```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "array"
    }
  }
}
```


WORKFLOW ¶

POST `/workflows` — Create a workflow

Body parameters

Name	Type	Description
name	string	`Required` Between 1 and 255 characters in length
published_at	string	`Required` ISO 8601 date.
expires_at	string	`Optional` ISO 8601 date.
targeted_flag	integer	`Required` (0,1,2) 0 - available for everyone, 1 - targeted customers, 2 - available for tier customers
audience_filters	array	`Required when targeted_flag is 1`.
tiers	array	`Required when targeted_flag is 2`.
tiers.*	integer	Tier level id
skip_trigger_validation	boolean	`Optional` When set to true, validate if the trigger is set up for other workflows. When set to false, skip the validation.
triggers	array	`Required`
triggers.*.main_trigger_id	integer	`Required`
triggers.*.frequency	array	`Optional`
triggers.*.frequency.freq	string	`Required when frequency is present` In: hourly,daily,weekly,monthly,yearly,flow
triggers.*.frequency.interval	integer	`Optional` Default 1. The trigger needs to occur in X hours/days/months/years.
triggers.*.frequency.count		`Optional` Default 1. How many times does the trigger need to occur.
triggers.*.conditions	array	`Optional`
triggers.*.*conditions*.*.id	integer	`Required when the condition is present`.
triggers.*.*conditions*.*.operator	string	`Required when the condition is present`. In: eq,gt,gte,lt,lte,in,between,intersect,contains. The operator depends on the condition ID.
triggers.*.*conditions*.*.value	Mixed	`Required when the condition is present`. Could be string, integer, array, depends on the operator.
actions	array	`Required`
actions.*.main_action_id	integer	`Required`
actions.*.name	string	`Optional` Between 1 and 255 characters in length
actions.*.action_key	string	`Optional` The action_key name should be between 1 and 255 characters in length and will be used as the DSL step name. It must be unique among actions.
actions.*.enabled	boolean	`Optional` Default: true.
actions.*.temp_id	integer	`Required`
actions.*.temp_parent_id	integer	`Required` Default: null. The parent action temp id.
actions.*.frequency	array	`Optional`
actions.*.frequency.freq	string	`Required when frequency is present` In: hourly,daily,weekly,monthly,yearly,flow
actions.*.frequency.interval	integer	`Optional` Default 1. The maximum number of times the action will be executed in X hours/days/months/years.

POST https://api.kangaroorewards.com/workflows

Requests: example 1

Headers

```
Authorization: Bearer <access_token>
X-Application-Key: <X-Application-Key>
Accept: application/vnd.kangaroorewards.api.v1+json
Content-Type: application/json
```

Body


```
{
  "name": "Example Flow",
  "published_at": "2024",
  "expires_at": "2028",
  "targeted_flag": 0,
  "audience_filters: (array) - Required when targeted_flag is 1. This property represents an array of marketing filters.": "Hello, world!",
  "tiers": [
    "1",
    "2",
    "3"
  ],
  "triggers": [
    {
      "main_trigger_id": 1,
      "frequency": {
        "freq": "hourly",
        "interval": 1
      },
      "conditions": [
        {
          "id": 1,
          "operator": "eq",
          "value": "Hello, world!"
        }
      ]
    }
  ],
  "actions": [
    {
      "main_action_id": 1,
      "name": "Example action",
      "action_key": "abc123",
      "enabled": true,
      "temp_id": 1,
      "temp_parent_id": 2,
      "frequency": {
        "freq": "hourly",
        "interval": 1
      },
      "relations": {
        "entity_id": 1,
        "entity_type": "Transaction",
        "value": "123",
```

Name	Type	Description
actions.*.frequency.count	`Optional` Default 1. The maximum number of times the action will be executed.	
actions.*.relations	array	`Optional`
actions.*.*relations*.entity_id	integer	`Required when relation is present` Nullable
actions.*.*relations*.entity_type	string	`Required when relation is present`
actions.*.*relations*.value	string	`Optional` Depends on the entity_type, sometimes it's required.
actions.*.*relations*.label	string	`Optional`
actions.*.conditions	array	`Optional`
actions.*.*conditions*.id	integer	`Required when the condition is present`.
actions.*.*conditions*.main_trigger_id	integer	`Optional`. If there is multiple triggers, the condition should be for the specific type of trigger, by default is the first trigger's main_trigger_id
actions.*.*conditions*.operator	string	`Required when the condition is present`. In: eq,gt,gte,lt,lte,in,between,intersect,contains. The operator depends on the condition ID.
actions.*.*conditions*.value	Mixed	`Required when the condition is present`. Could be string, integer, array, depends on the operator.
actions.*.conditions_met	boolean	`Required when the action is the child of an conditional split action`

Body parameters specific for branch condition All common +

Name	Type	Description
triggers.*.conditions	array	`Optional`
triggers.*.*conditions*.id	integer	`Required` 1
triggers.*.*conditions*.operator	string	`Required`. In: eq,in.
triggers.*.*conditions*.value	array or string	`Required` Branch uuid or array of branch uuid.

Body parameters specific for specific day of the week All common +

Name	Type	Description
triggers.*.conditions	array	`Optional`
triggers.*.*conditions*.id	integer	`Required` 2
triggers.*.*conditions*.operator	string	`Required`. In: eq,in.
triggers.*.*conditions*.value	array or integer	`Required` Day of the week, in: 1 - Monday, 2 - Tuesday ... 7 - Sunday

Body parameters specific for specific time of the week All common +

Name	Type	Description
triggers.*.conditions	array	`Optional`
triggers.*.*conditions*.id	integer	`Required` 3
triggers.*.*conditions*.operator	string	`Required`. "between".
triggers.*.*conditions*.value	array	`Required` H:i time format, ex: ["08:00", "17:00"]

Body parameters specific for amount All common +

Name	Type	Description
triggers.*.conditions	array	`Optional`
triggers.*.*conditions*.id	integer	`Required` 4
triggers.*.*conditions*.operator	string	`Required`. In: eq, gt, gte, lt, lte, between.
triggers.*.*conditions*.value	array or numeric	`Required`

Body parameters specific for referral status All common +

Name	Type	Description
triggers.*.conditions	array	`Optional`
triggers.*.*conditions*.id	integer	`Required` 5
triggers.*.*conditions*.operator	string	`Required`. In: eq,in.
triggers.*.*conditions*.value	array or numeric	`Required` 1 - Referral Pending. 2 - Referral condition met. 3 - Referral condition not met

Body parameters specific for specific pos products or categories All common +

Name	Type	Description
triggers.*.conditions	array	`Optional`
triggers.*.*conditions*.id	integer	`Required` 6 - specific products, 7 - specific categories
triggers.*.*conditions*.operator	string	`Required`. In: intersect(one of products/categories in condition.value), contains(all the products/categories in condition.value).
triggers.*.*conditions*.value	array	`Required`
triggers.*.*conditions*.value.integration_id	string	`Required`
triggers.*.*conditions*.value.account_id	string	`Required`
triggers.*.*conditions*.value.resource_id	array	`Required` array of product/category id.

Body parameters specific for completed profile All common +

Name	Type	Description
triggers.*.conditions	array	`Optional`
triggers.*.*conditions*.id	integer	`Required` 8
triggers.*.*conditions*.operator	string	`Required`. "contains"
triggers.*.*conditions*.value	array	`Required`. An array of integers representing the index of CRM settings' fields that require completion.

Example create a workflow for user sign up

```
POST /workflows HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
  "name": "User sign up",
  "published_at": "2024-03-10T01:01:01+00:00",
  "expires_at": "2024-12-10T01:01:01+00:00",
  "targeted_flag": 2,
  "tiers": [
    29
  ],
  "triggers": [
    {
      "main_trigger_id": 1,
      "frequency": {
        "freq": "flow",
        "count": 1
      },
      "conditions": [
        {
          "id": 1,
          "operator": "in",
          "value": [
            "11ea6d322b6dd08daf33b42e99312acc",
            "11ea6d3e304d0189af33b42e99312acc"
          ]
        }
      ]
    }
  ],
  "actions": [
    {
      "main_action_id": 3,
      "temp_id": 1,
      "parent_id": null,
      "temp_parent_id": null,
      "relations": [
        {
          "entity_id": null,
          "label": "point",
          "entity_type": "points",
          "value": [
            100
          ]
        }
      ]
    }
  ]
}
```

Example create a workflow for user sign up with conditional split. If the user signup, if it's from a specific branch and on Monday, Tuesday, user will get 100pts, otherwise he gets 10pts.

```
POST /workflows HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
    "expires_at": "2024-12-10T01:01:01+00:00",
    "name": "User sign up",
    "published_at": "2024-04-22T01:01:01+00:00",
    "targeted_flag": 0,
    "triggers":
    [
        {
            "main_trigger_id": 1
        }
    ],
    "actions":
    [
        {
            "conditions":
            [
                {
                    "id": 1,
                    "operator": "eq",
                    "value": "11eb82ae6d3f1ec4b847e2865c66d9cc"
                },
                {
                    "id": 2,
                    "operator": "in",
                    "value":
                    [
                        1,
                        2
                    ]
                }
            ],
            "main_action_id": 6,
            "temp_id": 1,
            "temp_parent_id": null
        },
        {
            "conditions_met": 1,
            "main_action_id": 3,
            "relations":
            [
                {
                    "entity_type": "points",
                    "label": "points",
                    "value": 100
                }
            ],
            "temp_id": 2,
            "temp_parent_id": 1
        },
        {
            "conditions_met": false,
            "main_action_id": 3,
            "relations":
```

```
      "label": "Transaction Type"
    }
  }
 ]
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "name": {
      "type": "string",
      "description": "Required, between 1 and 255 characters in length."
    },
    "published_at": {
      "type": "string",
      "description": "03-14T09:15:22Z (string, required) - Required, follows the ISO 8601 date format."
    },
    "expires_at": {
      "type": "string",
      "description": "03-14T09:15:22Z (string) -  Optional, follows the ISO 8601 date format."
    },
    "targeted_flag": {
      "type": "number",
      "description": "Required, can have a value of 0, 1, or 2. 0 represents availability for everyone, 1 for targeted customers, and 2 for tier customers."
    },
    "audience_filters: (array) - Required when targeted_flag is 1. This property represents an array of marketing filters.": {
      "type": "string"
    },
    "tiers": {
      "type": "array"
    },
    "triggers": {
      "type": "array",
      "description": "Required. This property represents an array of triggers."
    },
    "actions": {
      "type": "array",
      "description": "Required. Represents an array of actions."
    }
  },
  "required": [
    "name",
    "targeted_flag",
    "triggers",
    "actions"
  ]
}
```

Responses 200 400 401 422

Headers

```
Content-Type: application/json
```

Body

```
{
  "data": {
    "id": 14,
    "name": "Completed profile",
    "created_at": "2024-02-06T16:07:52+00:00",
    "published_at": "2024-01-10T01:01:01+00:00",
    "expires_at": "2028-12-14T01:01:01+00:00",
    "workflow_version": {
      "id": 47,
      "workflow_id": 14,
      "external_workflow_revision_id": "000017-5a5",
      "created_at": "2024-02-20T01:37:52.000000Z"
    },
    "triggers": [
      {
        "id": 29,
        "main_trigger_id": 3,
        "created_at": "2024-02-20T01:14:40+00:00"
      }
    ],
    "actions": [
      {
        "action_key: `Reward_Points_17072356685213_45745`": "",
        "id": 61,
        "main_action_id": 4,
        "name": "null",
        "action_key: `Wait_17072356685358_92300`": "",
        "parent_id": "null",
        "created_at": "2024-02-20T01:37:52+00:00",
        "conditions": "null",
        "relations": "null"
      }
    ]
  }
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "object",
      "properties": {
        "id": {
          "type": "number",
          "description": "The ID"
        },
        "name": {
          "type": "string",
          "description": "The name\\"
        },
        "created_at": {
          "type": "string",
          "description": "The creation timestamp"
        },
        "published_at": {
          "type": "string",
          "description": "The publication timestamp"
        },
        "expires_at": {
          "type": "string",
          "description": "The expiration timestamp"
        },
        "workflow_version": {
          "type": "object",
          "properties": {
            "id": {
              "type": "number",
              "description": "The workflow version ID"
            },
            "workflow_id": {
              "type": "number",
              "description": "The workflow ID"
            },
            "external_workflow_revision_id": {
              "type": "string",
              "description": "The external workflow revision ID"
            },
            "created_at": {
              "type": "string",
              "description": "The workflow version creation timestamp"
            }
          }
        },
        "triggers": {
          "type": "array"
        },
        "actions": {
          "type": "array"
        }
      }
    }
  }
}
```

```
            [
                {
                    "entity_type": "points",
                    "label": "points",
                    "value": 10
                }
            ],
            "temp_id": 3,
            "temp_parent_id": 1
        }
    ]
}
```

WORKFLOW RESOURCE

PATCH `/workflows/{id}` — Update a workflow

Body parameters

Name	Type	Description
name	string	`Optional` Between 1 and 255 characters in length
published_at	string	`Optional` ISO 8601 date. Can not be updated if the workflow is published
expires_at	string	`Optional` ISO 8601 date.
targeted_flag	integer	`Required` (0,1,2) 0 - available for everyone, 1 - targeted customers, 2 - available for tier customers
audience_filters	object	`Required when targeted_flag is 1`.
tiers	array	`Required when targeted_flag is 2`.
tiers.*	integer	Tier level id
triggers	array	`Required`
triggers.*.main_trigger_id	integer	`Required`
triggers.*.enabled	boolean	`Optional` Default: true
triggers.*.frequency	array	`Optional`
triggers.*.frequency.freq	string	`Required when frequency is present` In: hourly,daily,weekly,monthly,yearly,flow
triggers.*.frequency.interval	integer	`Optional` Default 1. The trigger needs to occur in X hours/days/months/years.
triggers.*.frequency.count	integer	`Optional` Default 1. How many times does the trigger need to occur.
triggers.*.conditions	array	`Optional`
triggers.*.*conditions*.*.id	integer	`Required when the condition is present`.
triggers.*.*conditions*.*.operator	string	`Required when the condition is present`. In: eq,gt,gte,lt,lte,in,between,intersect,contains. The operator depends on the condition ID.
triggers.*.*conditions*.*.value	Mixed	`Required when the condition is present`. Could be string, integer, array, depends on the operator.
actions	array	`Required`
actions.*.main_action_id	integer	`Required`
actions.*.enabled	boolean	`Optional` Default: true
actions.*.name	string	`Optional` Between 1 and 255 characters in length
actions.*.action_key	string	`Optional` The action_key name should be between 1 and 255 characters in length and will be used as the DSL step name. It must be unique among actions.
actions.*.enabled	boolean	`Optional` Default: true.
actions.*.temp_id	integer	`Required`
actions.*.temp_parent_id	integer	`Required` Default: null. The parent action temp id.
actions.*.id	integer	`Optional`
actions.*.parent_id	integer	`Optional` Default: null. The parent action id.
actions.*.frequency	array	`Optional`
actions.*.frequency.freq	string	`Required when frequency is present` In: hourly,daily,weekly,monthly,yearly,flow
actions.*.frequency.interval	integer	`Optional` Default 1. The maximum number of times the action will be executed in X hours/days/months/years.
actions.*.frequency.count	integer	`Optional` Default 1. The maximum number of times the action will be executed.
actions.*.relations	array	`Optional`
actions.*.*relations*.*.entity_id	integer	`Required when relation is present` Nullable
actions.*.*relations*.*.entity_type	string	`Required when relation is present`
actions.*.*relations*.*.value	string	`Optional` Depends on the entity_type, sometimes it's required.
actions.*.*relations*.*.label	string	`Optional`

Example update a workflow

```
PATCH /workflows/10 HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json

{
  "targeted_flag": 0,
  "triggers": [
    {
      "main_trigger_id": 3,
      "frequency": {
        "freq": "flow",
        "count": 2
      },
      "conditions": [
        {
          "id": 8,
          "operator": "contains",
          "value": [-2,0,1]
        }
      ]
    }
  ],
  "actions": [
    {
      "main_action_id": 3,
      "id": 35,
      "action_key": "Reward_Points_17072356685213_45745",
      "frequency": {
        "freq": "flow",
        "count": 2
      },
      "parent_id": null,
      "temp_parent_id": null,
      "relations": [
        {
          "entity_id": null,
          "value": 10,
          "label": "point",
          "entity_type": "points"
        }
      ]
    },
    {
      "main_action_id": 4,
      "action_key": "Wait_17072356685358_92300",
      "temp_id": 49,
      "enabled": false
    }
  ]
}
```

URI Parameters — Hide

id `number` (required) Example: 123
The unique ID of the workflow.

PATCH https://api.kangaroorewards.com/workflows/123

Requests: example 1

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
```

Body

```
{
  "targeted_flag": 0,
  "triggers": [
    {
      "main_trigger_id": 3,
      "frequency": {
        "freq": "flow",
        "count": 2
      },
      "conditions": [
        {
          "id": 8,
          "operator": "contains",
          "value": "["
        }
      ]
    }
  ],
  "actions": [
    {
      "id": 35,
      "action_key: `Reward_Points_17072356685213_45745`": "",
      "frequency": {
        "freq": "flow",
        "count": 2
      },
      "parent_id": 1,
      "temp_parent_id": 2,
      "relations": [
        {
          "entity_id": "null",
          "value": 10,
          "label": "point",
          "entity_type": "points"
        }
      ],
      "main_action_id": 4,
      "action_key: `Wait_17072356685358_92300`": "",
      "temp_id": 49,
      "enabled": false
    }
  ]
}
```

Responses: 200 400 401 403 422

Headers

```
Content-Type: application/json
```

Body

```
{
  "data": {
    "id": 14,
    "name": "Completed profile",
    "created_at": "2024-02-06T16:07:52+00:00",
    "published_at": "2024-01-10T01:01:01+00:00",
    "expires_at": "2028-12-14T01:01:01+00:00",
    "workflow_version": {
      "id": 47,
      "workflow_id": 14,
      "external_workflow_revision_id": "000017-5a5",
      "created_at": "2024-02-20T01:37:52.000000Z"
    },
    "triggers": [
      {
        "id": 29,
        "main_trigger_id": 3,
        "created_at": "2024-02-20T01:14:40+00:00"
      }
    ],
    "actions": [
      {
        "action_key: `Reward_Points_17072356685213_45745`": "",
        "id": 61,
        "main_action_id": 4,
        "name": "null",
        "action_key: `Wait_17072356685358_92300`": "",
        "parent_id": "null",
        "created_at": "2024-02-20T01:37:52+00:00",
        "conditions": "null",
        "relations": "null"
      }
    ]
  }
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "object",
      "properties": {
        "id": {
          "type": "number",
          "description": "The ID"
        },
        "name": {
          "type": "string",
          "description": "The name\\"
        },
        "created_at": {
          "type": "string",
          "description": "The creation timestamp"
        },
        "published_at": {
          "type": "string",
          "description": "The publication timestamp"
        },
        "expires_at": {
          "type": "string",
          "description": "The expiration timestamp"
        },
        "workflow_version": {
          "type": "object",
          "properties": {
            "id": {
              "type": "number",
              "description": "The workflow version ID"
            },
            "workflow_id": {
              "type": "number",
              "description": "The workflow ID"
            },
            "external_workflow_revision_id": {
              "type": "string",
              "description": "The external workflow revision ID"
            },
            "created_at": {
              "type": "string",
              "description": "The workflow version creation timestamp"
            }
          }
        },
        "triggers": {
          "type": "array"
        },
        "actions": {
          "type": "array"
        }
      }
    }
  }
}
```

DELETE `/workflows/{id}` — Delete a workflow

Example Delete follow facebook action

```
DELETE /workflows/10 HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
```

URI Parameters — Hide

id `number` (required) Example: 123
The unique ID of the workflow.

DELETE https://api.kangaroorewards.com/workflows/123

Requests: example 1

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
```

Responses: 204 400 403

Headers

```
Content-Type: application/json
```

Reviews

REVIEWS

GET `/reviews` — List all reviews

Returns a list of reviews

Query Parameters

GET https://api.kangaroorewards.com/reviews

Requests: example 1

Headers

- Overview
- Account
- Customers
- Customer Transactions
- Customer Offers
- Customer Available Coupons
- Customer Actions
- Claimable Offers
- Customer Rewards
- Customer Consents
- Customer CRM fields
- Customer Targeted Offers
- Transactions
- Transaction Details
- Rewards
- Product Rewards
- Offers
- Offer Images
- Products
- Branches
- Tiers
- Referral Programs
- Business Rules
- Workflow Main Triggers
- Workflow Main Actions
- Workflows
- Reviews
- Questions
- Question Replies

https://api.kangaroorewards.com

Name	Type	Description
page	integer	`Optional.` Provide this to retrieve the next set of results for your original query. Default value page=1
per_page	integer	`Optional.` Provide this to set the number of items in the page. Default value 15, Maximum value 100
include	string	`Optional.` Optionally include=review_replies.
created_at	string	`Optional.` Filter by created date. See Filtering
type	integer	`Optional.` Filter by review type, 1 - product review, 2 - website review. See Filtering
published	boolean	`Optional.` Filter by published. See Filtering
sort	string	`Optional.` See Sorting

Filtering

When submitting a GET request, you can ask it to return only reviews that meet specific criteria. To filter reviews, in the query string, specify one or more fields with an operator, followed by a separator (`|`) and the values for the following:

Fields:

- `created_at` - Filter by created date
- `type` - Filter by review type. 1 - Product, 2 - Website
- `published` - Filter by published status

Operators:

- `gt` - Greater Than
- `gte` - Greater Than or Equal
- `lt` - Less Than
- `lte` - Less Than or Equal
- `eq` - Equal
- `between` - Between

Filter Syntax

A single filter uses the form: `field=operator|VALUE`

Each URL query parameter **must be URL encoded**.

Sorting

When submitting a GET request, you can sort the reviews. To sort reviews, in the query string, specify one or more fields with an operator, followed by a separator (`,`) and the fields for the following:

Fields:

- `created_at` - Sort by created date. If `created_at` sorting is not specified, the results will always be sorted by the latest combination with other sorting conditions.
- `rating` - Sort by rating
- `photos` - Sort reviews by photos, displaying reviews with photos first or last.
- `videos` - Sort reviews by videos, displaying reviews with videos first or last.
- `verified_buyer` - Sort reviews by verified buyer, displaying reviews with verified buyer review first or last.

Operators:

- By default without any operator, sort reviews in ascending order.
- `-` - Sort reviews in descending order.

Filter Syntax

A single filter uses the form: `sort=operatorFieldName1,operatorFieldName2`

Each URL query parameter **must be URL encoded**.

Examples

```
GET /reviews?sort=-rating,-created_at&include=review_replies HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsImp0aSI6ImFmODNk
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
X-Store-Domain: example.com
```

Response Body


```
{
    "data": [
        {
            "id": "61808119-7567-41c5-a183-389bf9819ccb",
            "created_at": "2024-06-26T23:13:08+00:00",
            "reviewer_email": "lisa@example.com",
            "reviewer_name": "Lisa",
            "rating": 5,
            "title": "Good",
            "comment": "Great leggings. For size reference, I ordered a medium and am 5’9, 155 lbs, with a long torso.",
            "product_id": "09383628200",
            "product_title": null,
            "photos": null,
            "videos": null,
            "type": 1,
            "review_source": 1,
            "published": false,
            "verified_buyer": false,
            "review_replies": [
                {
                    "id": "36f04d79-4116-4fb3-8d08-50581be3fa67",
                    "created_at": "2024-07-11T15:55:03+00:00",
                    "body": "Reply - 01",
                    "public": true
                }
            ]
        }
    ]
}
```


```
Content-Type: application/json
Authorization: Bearer <access_token>
X-Application-Key: <X-Application-Key>
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Store-Domain: <store_domain>;
```

Responses 200 401

Headers

```
Content-Type: application/json
```

Body


```
{
  "data": [
    {
      "id": "61808119-7567-41c5-a183-389bf9819ccb",
      "created_at": "2024-02-06T16:07:52+00:00",
      "published_at": "2024-01-10T01:01:01+00:00",
      "reviewer_email": "lisa@example.com",
      "reviewer_name": "Lisa",
      "rating": 5,
      "title": "Good",
      "comment": "Great leggings. For size reference, I ordered a medium and am 5’9, 155 lbs, with a long torso.",
      "product_id": "09383628200",
      "product_title": "null",
      "photos": [
        {
          "path": "https://storage.googleapis.com/reviews/11exyz"
        }
      ],
      "videos": [
        {
          "path": "https://storage.googleapis.com/reviews/11exyz"
        }
      ],
      "type": 1,
      "review_source": 1,
      "published": false,
      "verified_buyer": false,
      "review_replies": [
        {
          "id": "36f04d79-4116-4fb3-8d08-50581be3fa67",
          "created_at": "2024-07-11T15:55:03+00:00",
          "body": "Reply content",
          "public": true
        }
      ]
    }
  ]
}
```


Schema


```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "array"
    }
  }
}
```


REVIEW

POST `/reviews` Create a review

Body parameters

Name	Type	Description
reviewer_email	string	`Required` Between 1 and 255 characters in length
reviewer_name	string	`Required` Between 1 and 255 characters in length
rating	integer	`Required` Between 1 and 5
title	string	`Required`
comment	string	`Required` Minimum 15 characters
product_id	string	`Optional` Required if the type is 1 - product review
product_title	string	`Optional`
product_details.image	string	`Optional` product image URL
product_details.price	numeric	`Optional` product price
product_details.description	string	`Optional` product description
photos	array	`Optional`
photos.*.path	string	`Optional` review photo url See Uploading Photos
videos	array	`Optional`
videos.*.path	string	`Optional` review video url See Uploading Videos
type	integer	`Required` (1, 2) 1: product review, 2: website review
review_source	integer	`Required` (1, 2) The platform where the review was left. 1: website page, 2: review widget
website_url	string	`Required` The URL of the website where the review was left.

Example create a review

```
POST /reviews HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
X-Store-Domain: example.com

{
    "reviewer_email": "lisa@example.com",
    "reviewer_name": "Lisa",
    "rating": 4,
    "title": "Good",
    "comment": "Very nice and cute",
    "type": 1,
    "review_source": 1,
    "website_url": "https://example.com/product/1234",
    "product_id": "5157526",
    "product_title": "Shoes",
    "product_details": {
        "image": "https://example.com/1234.png",
        "price": 59.99,
        "description": "ABC"
    },
    "photos": [
        {
            "path": "https://storage.googleapis.com/reviews/11eb82ae6d3bb094b847e2865c66d9cc/668ee22b0db7e_1720640043.jpg?X-Goog-Algorithm=GOOG4-RSA-SHA256&X-Goog-C
        }
    ],
    "videos": [
        {
            "path": "https://storage.googleapis.com/reviews/11eb82ae6d3bb094b847e2865c66d9cc/668ee22ba162b_1720640043.mkv?X-Goog-Algorithm=GOOG4-RSA-SHA256&X-Goog-C
        }
    ]
}
```

POST https://api.kangaroorewards.com/reviews

Requests example 1

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
X-Application-Key: <X-Application-Key>
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Store-Domain: <store_domain>;
```

Body

```
{
  "reviewer_email": "lisa@example.com",
  "reviewer_name": "Lisa",
  "rating": 5,
  "title": "Good",
  "comment": "Very nice and cute.",
  "product_id": "5157526",
  "product_title": "Shoes",
  "product_details": {
    "image": "https://product/1234.png",
    "price": 26.99,
    "description": "1234"
  },
  "photos": [
    {
      "path": "https://storage.googleapis.com/reviews/11exyz"
    }
  ],
  "videos": [
    {
      "path": "https://storage.googleapis.com/reviews/11exyz"
    }
  ],
  "type": 1,
  "review_source": 1,
  "website_url": "https://product/1234.com"
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "reviewer_email": {
      "type": "string",
      "description": "reviewer's email"
    },
    "reviewer_name": {
      "type": "string",
      "description": "reviewer's first name"
    },
    "rating": {
      "type": "number"
    },
    "title": {
      "type": "string",
      "description": "review title"
    },
    "comment": {
      "type": "string",
      "description": "review"
    },
    "product_id": {
      "type": "string",
      "description": "product id in the integration system"
    },
    "product_title": {
      "type": "string",
      "description": "product title"
    },
    "product_details": {
      "type": "object",
      "properties": {
        "image": {
          "type": "string",
          "description": "product image url"
        },
        "price": {
          "type": "number"
        },
        "description": {
          "type": "string",
          "description": "product description"
        }
      }
    },
    "photos": {
      "type": "array"
    },
    "videos": {
      "type": "array"
    },
    "type": {
      "type": "number"
    },
    "review_source": {
      "type": "number"
    },
    "website_url": {
      "type": "string"
    }
  }
}
```

Responses 200 401 422

Headers

```
Content-Type: No Content
```

REVIEW

PATCH `/reviews/{id}` — Update a review

PATCH https://api.kangaroorewards.com/reviews/61808119-7567-41c5-a183-389bf9819ccb

Body parameters

Name	Type	Description
published	boolean	`Required.` Publish or unpublish the review

Example publish a review

```
PATCH /reviews/61808119-7567-41c5-a183-389bf9819ccb HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
X-Store-Domain: example.com

{
  "published": true,
}
```

URI Parameters Hide

id `string` (required) **Example:** 61808119-7567-41c5-a183-389bf9819ccb
The unique ID of the review.

Requests: example 1

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
X-Application-Key: <X-Application-Key>
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Store-Domain: <store_domain>;
```

Body

```
{
  "published": true
}
```

Responses: 200 401 422

Headers

```
Content-Type: not content
```

UPLOAD IMAGES AND VIDEOS

POST `/reviews/signed-urls` — Get signed urls

POST https://api.kangaroorewards.com/reviews/signed-urls

Body parameters

Name	Type	Description
file_types	array	`required`
file_types.*	string	`required` One of image/jpeg,image/png,image/jpg,image/gif,video/mp4,video/mkv,video/mov,video/avi,video/flv

> Note: To upload images or videos:
>
> 1. Make a request to get the signed url(see above).
> 2. After getting back the url from the response, upload the file directly to this url. Method: 'PUT', with header "content-type:application/octet-stream", body: the image/video file.

Example get a signed url for uploading images and videos

```
POST /reviews/signed-urls HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
X-Store-Domain: example.com

{
    "file_types": [
        "image/jpeg",
        "video/mkv"
    ]
}
```

Response Body

```
{
    "data": [
        {
            "file_type": "image/jpeg",
            "url": "https://storage.googleapis.com/reviews/11eb82ae6d3bb094b847e2865c66d9cc/668ee22b0db7e_1720640043.jpg?X-Goog-Algorithm=GOOG4-RSA-SHA256&X-Goog-Cre
        },
        {
            "file_type": "video/mkv",
            "url": "https://storage.googleapis.com/reviews/11eb82ae6d3bb094b847e2865c66d9cc/668ee22ba162b_1720640043.mkv?X-Goog-Algorithm=GOOG4-RSA-SHA256&X-Goog-Cre
        }
    ]
}
```

Requests: example 1

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
X-Application-Key: <X-Application-Key>
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Store-Domain: <store_domain>;
```

Body

```
{
  "file_types": [
    "image/jpeg",
    "image/png"
  ]
}
```

Responses: 200 401 422

Headers

```
Content-Type: application/json
```

Body

```
{
  "data": [
    {
      "file_type": "image/jpeg",
      "url": "https://storage.googleapis.com/reviews/11eb82ae6d3bb094b847e2865c66d9cc/668ee22ba162b_1720640043.mkv?X-Goog-Algorithm=GOOG4-RSA-SHA256&X-Goog-Cr
    }
  ]
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "array"
    }
  }
}
```

LIST REVIEWS FOR THE WEBSITE

GET `/bff/web/published-reviews` — List published reviews

GET https://api.kangaroorewards.com/bff/web/published-reviews

The reviews displayed on the website are filtered and configured by the review app's settings. This endpoint only returns reviews that match those settings, and the results are sorted accordingly.

Body parameters

Name	Type	Description
page	integer	`Optional.` Provide this to retrieve the next set of results for your original query. Default value page=1
per_page	integer	`Optional.` Provide this to set the number of items in the page. Default value 15, Maximum value 100
include	string	`Optional.` Optionally include=review_replies.

Example

```
GET /bff/web/published-reviews?include=review_replies HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
X-Store-Domain: example.com
```

Response Body

```
{
    "data": [
        {
            "id": "61808119-7567-41c5-a183-389bf9819ccb",
            "created_at": "2024-06-26T23:13:08+00:00",
            "reviewer_email": "lisa@example.com",
            "reviewer_name": "Lisa",
            "rating": 5,
            "title": "Good",
            "comment": "Great leggings. For size reference, I ordered a medium and am 5'9, 155 lbs, with a long torso.",
            "product_id": "09383628200",
            "product_title": null,
            "photos": null,
            "videos": null,
            "type": 1,
            "review_source": 1,
            "published": false,
            "verified_buyer": false,
            "review_replies": [
                {
                    "id": "36f04d79-4116-4fb3-8d08-50581be3fa67",
                    "created_at": "2024-07-11T15:55:03+00:00",
                    "body": "Reply - 01",
                    "public": true
                }
            ]
        }
    ]
}
```

Requests: example 1

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
X-Application-Key: <X-Application-Key>
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Store-Domain: <store_domain>;
```

Responses: 200 401

Headers

```
Content-Type: application/json
```

Body

```
{
  "data": [
    {
      "id": "61808119-7567-41c5-a183-389bf9819ccb",
      "created_at": "2024-02-06T16:07:52+00:00",
      "published_at": "2024-01-10T01:01:01+00:00",
      "reviewer_email": "lisa@example.com",
      "reviewer_name": "Lisa",
      "rating": 5,
      "title": "Good",
      "comment": "Great leggings. For size reference, I ordered a medium and am 5'9, 155 lbs, with a long torso.",
      "product_id": "09383628200",
      "product_title": "null",
      "photos": [
        {
          "path": "https://storage.googleapis.com/reviews/11exyz"
        }
      ],
      "videos": [
        {
          "path": "https://storage.googleapis.com/reviews/11exyz"
        }
      ],
      "type": 1,
      "review_source": 1,
      "published": false,
      "verified_buyer": false,
      "review_replies": [
        {
          "id": "36f04d79-4116-4fb3-8d08-50581be3fa67",
          "created_at": "2024-07-11T15:55:03+00:00",
          "body": "Reply content",
          "public": true
        }
      ]
    }
  ]
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "array"
    }
  }
}
```

REVIEW REPLIES

POST `/reviews/replies` — Create a review reply

POST https://api.kangaroorewards.com/reviews/replies

Body parameters

Name	Type	Description
body	string	`Required` Reply content
public	boolean	`Required` If it's a public reply, it can be listed in the website. If it's a private reply, the reply will be sent to the customer by email.

Example create a reply

```
POST /reviews/2a6c99d6-195c-47a1-86ee-9b3f5ae8bdaf/replies HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
X-Store-Domain: example.com

{
    "body": "Thanks for your feedback.",
    "public": true
}
```

Requests: example 1

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
X-Application-Key: <X-Application-Key>
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Store-Domain: <store_domain>;
```

Body

```
{
  "body": "Thanks for your feedback.",
  "public": true
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "body": {
      "type": "string",
      "description": "The reply content"
    },
    "public": {
      "type": "boolean",
      "description": "public or private reply"
    }
```

- Overview
- Account
- Customers
- Customer Transactions
- Customer Offers
- Customer Available Coupons
- Customer Actions
- Claimable Offers
- Customer Rewards
- Customer Consents
- Customer CRM fields
- Customer Targeted Offers
- Transactions
- Transaction Details
- Rewards
- Product Rewards
- Offers
- Offer Images
- Products
- Branches
- Tiers
- Referral Programs
- Business Rules
- Workflow Main Triggers
- Workflow Main Actions
- Workflows
- Reviews
- Questions
- Question Replies

https://api.kangaroorewards.com

```
  }
}
```

Responses 200 401 422

Headers

```
Content-Type: No Content
```

REVIEWS APP SETTINGS

GET `/review-app-settings` List reviews app settings

Example

```
GET /review-app-settings HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
X-Store-Domain: example.com
```

Response Body


```
{
    "data": {
        "id": 1,
        "created_at": "2024-06-11T18:40:53+00:00",
        "updated_at": "2024-06-21T20:06:21+00:00",
        "coupon_auto": true,
        "coupon_min_rating": null,
        "coupon_user_segment": 0,
        "coupon_min_media": null,
        "coupon_min_photos": null,
        "coupon_min_videos": null,
        "coupon_min_chars": null,
        "coupon_min_title_chars": null,
        "coupon_type": 3,
        "coupon_value": 12.15,
        "coupon_prefix": null,
        "primary_color": "#111111",
        "widget_position": "bottom-left",
        "widget_published": true,
        "allow_photos": true,
        "allow_videos": true,
        "mute_videos": true,
        "carousel_published": true,
        "carousel_slides": 3,
        "carousel_max_slides": 2,
        "carousel_sort": 5,
        "carousel_scroll": 1,
        "review_auto_publish": true,
        "review_auto_publish_min_rating": 4,
        "review_auto_request": true,
        "review_auto_request_days": 10,
        "review_auto_reminder": true,
        "review_auto_reminder_days": 12,
        "review_max_products": 10,
        "review_products_option": 0,
        "display_customer_name": true,
        "show_widget_product_page": true,
        "display_verified_buyer": true,
        "word_blocks": [],
        "community_enabled": false,
        "community_reply_permission": 1
    }
}
```


GET https://api.kangaroorewards.com/review-app-settings

Requests example 1

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
X-Application-Key: <X-Application-Key>
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Store-Domain: <store_domain>;
```

Responses 200 401

Headers

```
Content-Type: application/json
```

Body


```
{
  "data": {
    "id": 1,
    "created_at": "2024-06-11T18:40:53+00:00",
    "updated_at": "2024-06-21T20:06:21+00:00",
    "coupon_auto": true,
    "coupon_min_rating": 1,
    "coupon_user_segment": 0,
    "coupon_min_media": 1,
    "coupon_min_photos": 1,
    "coupon_min_videos": 1,
    "coupon_min_chars": 1,
    "coupon_min_title_chars": 1,
    "coupon_type": 3,
    "coupon_value": 10,
    "coupon_prefix": "KR",
    "primary_color": "#111111",
    "widget_position": "bottom-left",
    "widget_published": true,
    "allow_photos": true,
    "allow_videos": true,
    "mute_videos": true,
    "carousel_published": true,
    "carousel_slides": 3,
    "carousel_max_slides": 3,
    "carousel_sort": 5,
    "carousel_scroll": 1,
    "review_auto_publish": true,
    "review_auto_publish_min_rating": 4,
    "review_auto_request": true,
    "review_auto_request_days": 10,
    "review_auto_reminder": true,
    "review_auto_reminder_days": 12,
    "review_max_products\"": 10,
    "review_products_option": 0,
    "display_customer_name": true,
    "show_widget_product_page": true,
    "display_verified_buyer": true,
    "word_blocks": [
      "keyword1",
      "keyword2"
    ],
    "community_enabled": false,
    "community_reply_permission": 1
  }
}
```


Schema


```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "object",
      "properties": {
        "id": {
          "type": "number",
          "description": "The id of review app settings"
        },
        "created_at": {
          "type": "string"
        },
        "updated_at": {
          "type": "string"
        },
        "coupon_auto": {
          "type": "boolean",
          "description": "Auto send out the coupon by email to the reviewers"
        },
        "coupon_min_rating": {
          "type": "number",
          "description": "To be eligible for a coupon, the minimum review rating required"
        },
        "coupon_user_segment": {
          "type": "number",
          "description": "0: Any reviewer can be eligible for a coupon, 1: only verified buyer can be eligible for a coupon"
        },
        "coupon_min_media": {
          "type": "number",
          "description": "To be eligible for a coupon, the minimum number of review photos and videos is required in the review."
        },
        "coupon_min_photos": {
          "type": "number",
          "description": "To be eligible for a coupon, the minimum number of review photos is required in the review."
        },
        "coupon_min_videos": {
          "type": "number",
          "description": "To be eligible for a coupon, the minimum number of review videos is required in the review."
        },
        "coupon_min_chars": {
          "type": "number",
          "description": "To be eligible for a coupon, the minimum number of characters is required in the review."
        },
        "coupon_min_title_chars": {
          "type": "number",
          "description": "To be eligible for a coupon, the minimum number of characters is required in the review title."
        },
        "coupon_type": {
          "type": "number",
          "description": "Coupon type:1 - Amount; 2 - Percentage; 3 - FreeShipping"
        },
        "coupon_value": {
          "type": "number"
        },
        "coupon_prefix": {
          "type": "string"
        },
        "primary_color": {
          "type": "string"
        },
        "widget_position": {
          "type": "string",
          "description": "`bottom-right`, `bottom-left`, `top-right`, `top-left`, `left-side-top`, `left-side-center`, `left-side-bottom`, `right-side-top`, `
        },
        "widget_published": {
          "type": "boolean"
        },
        "allow_photos": {
          "type": "boolean",
          "description": "Allow the reviewer to upload the photos"
        },
        "allow_videos": {
          "type": "boolean",
          "description": "Allow the reviewer to upload the videos"
        },
        "mute_videos": {
          "type": "boolean",
          "description": "Mute the video by default when it is played"
        },
        "carousel_published": {
          "type": "boolean"
        },
        "carousel_slides": {
          "type": "number",
          "description": "1,2,3"
        },
        "carousel_max_slides": {
          "type": "number",
          "description": "2,3"
        },
        "carousel_sort": {
          "type": "number",
          "description": "1-newest first, 2-highest rated first, 3-photos first, 4-videos first, 5-verified buyers first"
        },
        "carousel_scroll": {
          "type": "number",
          "description": "1-one slide,2-scroll freely"
        },
        "review_auto_publish": {
          "type": "boolean"
        },
        "review_auto_publish_min_rating": {
          "type": "number",
          "description": "The minimum rating of auto publishing a review"
        },
        "review_auto_request": {
          "type": "boolean",
          "description": "Auto send out review request email"
        },
        "review_auto_request_days": {
          "type": "number",
          "description": "The number of days for auto send out review request email"
        },
        "review_auto_reminder": {
          "type": "boolean",
          "description": "Auto send out review reminder email"
        },
        "review_auto_reminder_days": {
          "type": "number",
          "description": "The number of days for auto send out reminder email"
        },
        "review_max_products\"": {
          "type": "number",
          "description": "The maximum number of products in the review request/reminder email"
        },
        "review_products_option": {
          "type": "number",
          "description": "The option for listing the product in the review request/reminder email"
        },
        "display_customer_name": {
          "type": "boolean",
```

PATCH `/review-app-settings` — Update reviews app settings

Body parameters

Name	Type	Description
coupon_auto	boolean	`Optional` Auto send out the coupon by email to the reviewers
coupon_min_rating	integer	`Optional` To be eligible for a coupon, the minimum review rating required
coupon_user_segment	integer	`Optional` Any reviewer can be eligible for a coupon, 1: only verified buyer can be eligible for a coupon
coupon_min_media	integer	`Optional` To be eligible for a coupon, the minimum number of videos and photos is required in the review.
coupon_min_photos	integer	`Optional` To be eligible for a coupon, the minimum number of review photos is required in the review.
coupon_min_videos	integer	`Optional` To be eligible for a coupon, the minimum number of review videos is required in the review.
coupon_min_title_chars	integer	`Optional` To be eligible for a coupon, the minimum number of number of characters is required in the review title.
coupon_min_chars	integer	`Optional` To be eligible for a coupon, the minimum number of number of characters is required in the review.
coupon_type	integer	`Optional` Coupon type:1 - Amount; 2 - Percentage; 3 - FreeShipping
coupon_value	number	`Optional` The discount amount
coupon_prefix	string	`Optional`
primary_color	string	`Optional`
widget_position	string	`Optional` One of `bottom-left` (string) - `bottom-right`, `bottom-left`, `top-right`, `top-left`, `left-side-top`, `left-side-center`, `left-side-bottom`, `right-side-top`, `right-side-center`, `right-side-bottom`
widget_published	boolean	`Optional`
allow_photos	boolean	`Optional` Allow the reviewer to upload the photos
allow_videos	boolean	`Optional` Allow the reviewer to upload the videos
mute_videos	boolean	`Optional` Mute the video by default when it is played.
carousel_published	boolean	`Optional`
carousel_slides	integer	`Optional` (1,2,3)
carousel_max_slides	integer	`Optional` (2,3)
carousel_sort	integer	`Optional` 1-newest first, 2-highest rated first, 3-photos first, 4-videos first, 5-verified buyers first
carousel_scroll	integer	`Optional` 1-one slide,2-scroll freely
review_auto_publish	boolean	`Optional`
review_auto_publish_min_rating	integer	`Optional` The minimum rating of auto publishing a review
review_auto_request	boolean	`Optional` Auto send out review request email
review_auto_request_days	integer	`Optional` The number of days for auto send out review request email
review_auto_reminder	boolean	`Optional` Auto send out review reminder email
review_auto_reminder_days	integer	`Optional` The number of days for auto send out reminder email
review_max_products	integer	`Optional` Maximum: 100. The maximum number of product in the review request/reminder email.
review_products_option	integer	`Optional` The option for listing the product in the review request/reminder email. 0: random, 1: least reviewed product, 2: highest priced product, 3:lowest priced product, 4: based on the order
display_customer_name	boolean	`Optional` Display the reviewers name to the website
show_widget_product_page	boolean	`Optional` Display the widget in the product page
display_verified_buyer	boolean	`Optional` Display the verified buyer badge to the website
word_blocks	array	`Optional` A list of words that will automatically cause a review to be unpublished if any of them are included in the review
word_blocks.*	string	`Optional`
community_enabled	boolean	`Optional` Enable community(Q/A) section
community_reply_permission	integer	`Optional` (1, 2) Who can reply to the questions 1: business employee, 2: business employee + verified buyer

Example

```
PATCH /review-app-settings HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
X-Store-Domain: example.com

{
    "coupon_auto": true,
    "coupon_min_rating": null,
    "coupon_user_segment": 0,
    "coupon_min_media": null,
    "coupon_min_photos": null,
    "coupon_min_videos": null,
    "coupon_min_chars": null,
    "coupon_min_title_chars": null,
    "coupon_type": 3,
    "coupon_value": 12.15,
    "coupon_prefix": null,
    "primary_color": "#111111",
    "widget_position": "bottom-left",
    "widget_published": true,
    "allow_photos": true,
    "allow_videos": true,
    "mute_videos": true,
    "carousel_published": true,
    "carousel_slides": 3,
    "carousel_max_slides": 2,
    "carousel_sort": 5,
    "carousel_scroll": 1,
    "review_auto_publish": true,
    "review_auto_publish_min_rating": 4,
    "review_auto_request": true,
    "review_auto_request_days": 10,
    "review_auto_reminder": true,
    "review_auto_reminder_days": 12,
    "review_max_products": 10,
    "review_products_option": 0,
    "display_customer_name": true,
    "show_widget_product_page": true,
    "display_verified_buyer": true,
    "word_blocks": [],
    "community_enabled": false,
    "community_reply_permission": 1
}
```

Response Body

```
{
    "data": {
        "id": 1,
        "created_at": "2024-06-11T18:40:53+00:00",
        "updated_at": "2024-06-21T20:06:21+00:00",
        "coupon_auto": true,
        "coupon_min_rating": null,
        "coupon_user_segment": 0,
        "coupon_min_media": null,
        "coupon_min_photos": null,
        "coupon_min_videos": null,
        "coupon_min_chars": null,
        "coupon_min_title_chars": null,
        "coupon_type": 3,
        "coupon_value": 12.15,
        "coupon_prefix": null,
        "primary_color": "#111111",
        "widget_position": "bottom-left",
        "widget_published": true,
        "allow_photos": true,
        "allow_videos": true,
        "mute_videos": true,
        "carousel_published": true,
        "carousel_slides": 3,
        "carousel_max_slides": 2,
        "carousel_sort": 5,
        "carousel_scroll": 1,
        "review_auto_publish": true,
        "review_auto_publish_min_rating": 4,
        "review_auto_request": true,
        "review_auto_request_days": 10,
        "review_auto_reminder": true,
        "review_auto_reminder_days": 12,
        "review_max_products": 10,
        "review_products_option": 0,
        "display_customer_name": true,
        "show_widget_product_page": true,
        "display_verified_buyer": true,
        "word_blocks": [],
        "community_enabled": false,
        "community_reply_permission": 1
    }
}
```

PATCH https://api.kangaroorewards.com/review-app-settings

Requests: example 1

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
X-Application-Key: <X-Application-Key>
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Store-Domain: <store_domain>;
```

Responses: 200 401 422

Headers

```
Content-Type: application/json
```

Body

```
{
  "data": {
    "id": 1,
    "created_at": "2024-06-11T18:40:53+00:00",
    "updated_at": "2024-06-21T20:06:21+00:00",
    "coupon_auto": true,
    "coupon_min_rating": 1,
    "coupon_user_segment": 0,
    "coupon_min_media": 1,
    "coupon_min_photos": 1,
    "coupon_min_videos": 1,
    "coupon_min_chars": 1,
    "coupon_min_title_chars": 1,
    "coupon_type": 3,
    "coupon_value": 10,
    "coupon_prefix": "KR",
    "primary_color": "#111111",
    "widget_position": "bottom-left",
    "widget_published": true,
    "allow_photos": true,
    "allow_videos": true,
    "mute_videos": true,
    "carousel_published": true,
    "carousel_slides": 3,
    "carousel_max_slides": 3,
    "carousel_sort": 5,
    "carousel_scroll": 1,
    "review_auto_publish": true,
    "review_auto_publish_min_rating": 4,
    "review_auto_request": true,
    "review_auto_request_days": 10,
    "review_auto_reminder": true,
    "review_auto_reminder_days": 12,
    "review_max_products\"": 10,
    "review_products_option": 0,
    "display_customer_name": true,
    "show_widget_product_page": true,
    "display_verified_buyer": true,
    "word_blocks": [
      "keyword1",
      "keyword2"
    ],
    "community_enabled": false,
    "community_reply_permission": 1
  }
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "data": {
      "type": "object",
      "properties": {
        "id": {
          "type": "number",
          "description": "The id of review app settings"
        },
        "created_at": {
          "type": "string"
        },
        "updated_at": {
          "type": "string"
        },
        "coupon_auto": {
          "type": "boolean",
          "description": "Auto send out the coupon by email to the reviewers"
        },
        "coupon_min_rating": {
          "type": "number",
          "description": "To be eligible for a coupon, the minimum review rating required"
        },
        "coupon_user_segment": {
          "type": "number",
          "description": "0: Any reviewer can be eligible for a coupon, 1: only verified buyer can be eligible for a coupon"
        },
        "coupon_min_media": {
          "type": "number",
          "description": "To be eligible for a coupon, the minimum number of review photos and videos is required in the review."
        },
        "coupon_min_photos": {
          "type": "number",
          "description": "To be eligible for a coupon, the minimum number of review photos is required in the review."
        },
        "coupon_min_videos": {
          "type": "number",
          "description": "To be eligible for a coupon, the minimum number of review videos is required in the review."
        },
        "coupon_min_chars": {
          "type": "number",
          "description": "To be eligible for a coupon, the minimum number of characters is required in the review."
        },
        "coupon_min_title_chars": {
          "type": "number",
          "description": "To be eligible for a coupon, the minimum number of characters is required in the review title."
        },
        "coupon_type": {
          "type": "number",
          "description": "Coupon type:1 - Amount; 2 - Percentage; 3 - FreeShipping"
        },
        "coupon_value": {
          "type": "number"
        },
        "coupon_prefix": {
          "type": "string"
        },
        "primary_color": {
          "type": "string"
        },
        "widget_position": {
          "type": "string",
          "description": "`bottom-right`, `bottom-left`, `top-right`, `top-left`, `left-side-top`, `left-side-center`, `left-side-bottom`, `right-side-top`, `
        },
        "widget_published": {
          "type": "boolean"
        },
        "allow_photos": {
          "type": "boolean",
          "description": "Allow the reviewer to upload the photos"
        },
        "allow_videos": {
          "type": "boolean",
          "description": "Allow the reviewer to upload the videos"
        },
        "mute_videos": {
          "type": "boolean",
          "description": "Mute the video by default when it is played"
        },
        "carousel_published": {
          "type": "boolean"
        },
        "carousel_slides": {
          "type": "number",
          "description": "1,2,3"
        },
        "carousel_max_slides": {
          "type": "number",
          "description": "2,3"
        },
        "carousel_sort": {
          "type": "number",
          "description": "1-newest first, 2-highest rated first, 3-photos first, 4-videos first, 5-verified buyers first"
        },
        "carousel_scroll": {
          "type": "number",
          "description": "1-one slide,2-scroll freely"
        },
        "review_auto_publish": {
          "type": "boolean"
        },
        "review_auto_publish_min_rating": {
          "type": "number",
          "description": "The minimum rating of auto publishing a review"
        },
        "review_auto_request": {
          "type": "boolean",
          "description": "Auto send out review request email"
        },
        "review_auto_request_days": {
          "type": "number",
          "description": "The number of days for auto send out review request email"
        },
        "review_auto_reminder": {
          "type": "boolean",
          "description": "Auto send out review reminder email"
        },
        "review_auto_reminder_days": {
          "type": "number",
          "description": "The number of days for auto send out reminder email"
        },
        "review_max_products": {
          "type": "number",
          "description": "Maximum: 100. The maximum number of product in the review request/reminder email."
        },
        "review_products_option": {
          "type": "number",
          "description": "The option for listing the product in the review request/reminder email. 0: random, 1: least reviewed product, 2: highest priced product, 3:lowest priced product, 4: based on the order"
        },
        "display_customer_name": {
          "type": "boolean",
          "description": "Display the reviewers name to the website"
        },
        "show_widget_product_page": {
          "type": "boolean",
          "description": "Display the widget in the product page"
        },
        "display_verified_buyer": {
          "type": "boolean",
          "description": "Display the verified buyer badge to the website"
        },
        "word_blocks": {
          "type": "array",
          "description": "A list of words that will automatically cause a review to be unpublished if any of them are included in the review"
        },
        "community_enabled": {
          "type": "boolean",
          "description": "Display the verified buyer badge to the website"
        },
        "community_reply_permission": {
          "type": "number",
          "description": "Who can reply to the questions. 1: business employee, 2: business employee + verified buyer"
        }
      }
    }
  }
}
```

- Overview
- Account
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- Workflow Main Actions
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- Question Replies

https://api.kangaroorewards.com


```
      },
      "review_auto_reminder_days": {
        "type": "number",
        "description": "The number of days for auto send out reminder email"
      },
      "review_max_products\"": {
        "type": "number",
        "description": "The maximum number of products in the review request/reminder email"
      },
      "review_products_option": {
        "type": "number",
        "description": "The option for listing the product in the review request/reminder email"
      },
      "display_customer_name": {
        "type": "boolean",
        "description": "Display the reviewers name to the website"
      },
      "show_widget_product_page": {
        "type": "boolean",
        "description": "Display the widget in the product page"
      },
      "display_verified_buyer": {
        "type": "boolean",
        "description": "Display the verified buyer badge to the website"
      },
      "word_blocks": {
        "type": "array",
        "description": "A list of words that will automatically cause a review to be unpublished if any of them are included in the review"
      },
      "community_enabled": {
        "type": "boolean",
        "description": "Display the verified buyer badge to the website"
      },
      "community_reply_permission": {
        "type": "number",
        "description": "Who can reply to the questions. 1: business employee, 2: business employee + verified buyer"
      }
    }
  }
}
```

Questions

QUESTIONS

POST `/questions` — Create a question

Body parameters

Name	Type	Description
email	string	`Optional` Between 1 and 255 characters in length
first_name	string	`Optional` Between 1 and 255 characters in length
body	string	`Required` Minimum 15 characters
product_id	string	`Optional` Required if the type is 1 - product review
type	integer	`Required` (1, 2) 1: product question, 2: website question
source	integer	`Required` (1, 2) The platform where the question was left. 1: website page, 2: review widget

Example create a question

```
POST /questions HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
X-Store-Domain: example.com

{
    "email": "lisa@example.com",
    "first_name": "Lisa",
    "body": "What are the key features and benefits of this product?",
    "type": 1,
    "source": 1,
    "product_id": "5157526"
}
```

POST https://api.kangaroorewards.com/questions

Requests: example 1

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
X-Application-Key: <X-Application-Key>
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Store-Domain: <store_domain>;
```

Body

```
{
  "email": "lisa@example.com",
  "first_name": "Lisa",
  "body": "What are the key features and benefits of this product?",
  "product_id": "5157526",
  "type": 1,
  "source": 1
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "email": {
      "type": "string"
    },
    "first_name": {
      "type": "string"
    },
    "body": {
      "type": "string",
      "description": "question"
    },
    "product_id": {
      "type": "string",
      "description": "product id in the integration system"
    },
    "type": {
      "type": "number",
      "description": "1: product question 2: general question"
    },
    "source": {
      "type": "number",
      "description": "1: website 2: widget"
    }
  }
}
```

Responses: 200 401 422

Headers

```
Content-Type: No Content
```

Question Replies

QUESTION REPLIES

POST `/questions/{id}/replies` — Create a reply

Creates a new reply to a question.

Body parameters

Name	Type	Description
body	string	`Required` Reply content
email	string	`Optional`

Example create a reply

```
POST /questions/603b051e-9ba0-49cf-a111-b9f622c5c9a6/replies HTTP/1.1
Host: api.kangaroorewards.com
Authorization: Bearer eyJ0eXAiOiJKV1QiLC
X-Application-Key: eyXai0XD7SLLzaOeJW
Accept: application/vnd.kangaroorewards.api.v1+json;
Content-Type: application/json
X-Store-Domain: example.com

{
    "body": "Reply",
    "email": "john@example.com"
}
```

URI Parameters Hide

id `string` (required) **Example:** 603b051e-9ba0-49cf-a111-b9f622c5c9a6
The question id.

POST https://api.kangaroorewards.com/questions/603b051e-9ba0-49cf-a111-b9f622c5c9a6/replies

Requests: example 1

Headers

```
Content-Type: application/json
Authorization: Bearer <access_token>
X-Application-Key: <X-Application-Key>
Accept: application/vnd.kangaroorewards.api.v1+json;
X-Store-Domain: <store_domain>;
```

Body

```
{
  "question_id": "603b051e-9ba0-49cf-a111-b9f622c5c9a6",
  "body": "Reply",
  "email": "john@example.com"
}
```

Schema

```
{
  "$schema": "http://json-schema.org/draft-04/schema#",
  "type": "object",
  "properties": {
    "question_id": {
      "type": "string",
      "description": "The question id that your are trying to reply to."
    },
    "body": {
      "type": "string",
      "description": "The reply content"
    },
    "email": {
      "type": "string",
      "description": "email address"
    }
  }
}
```

Responses: 200 401 403 422

Headers

```
Content-Type: No Content
```