

# REST API

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This module exposes several functions through the Magento REST API.

## Customer Authentication

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**POST** `/rest/V1/spaaza/customer/authenticate`

Parameter	Required	Description
<code>email</code>	Yes	The email address of the customer to test authentication for
<code>password</code>	Yes	The password to check
<code>spaaza_chain_id</code>	Depends	If Magento has been configured to use multiple Spaaza chains, this parameter is required and will be used to look up the website to find the customer in.

### Example

```
{
  "email": "info@spaaza.com",
  "password": "ThisIsEasyToGuess",
  "spaaza_chain_id": 123
}
```

### Result

#### Unsuccessful

```
{
  "authenticated": false,
  "customer_id": null,
  "message": "Invalid login or password.",
  "website_code": null,
  "store_code": null
}
```

#### Successful

```
{
  "authenticated": true,
  "customer_id": 7,
  "message": null,
  "website_code": "default",
  "store_code": "default"
}
```

## Customer Update

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This endpoint can be used to create or update a Magento customer. It receives Spaaza user info and processes it in the same way as the regular data pull does (after logging in). It returns a Magento customer object.

POST /rest/V1/spaaza/customer/update

Parameter	Type	Required	Description
<code>user_info</code>	<i>object</i>	Yes	The user data as it would have been returned by the Spaaza <code>get-user</code> endpoint. The keys <code>user_id</code> , <code>member_number</code> , <code>username</code> and <code>authentication_point_identifier</code> are used in this specific order to identify an existing customer.
<code>create_if_not_exists</code>	<i>bool</i>	No	If <code>true</code> , create a new Magento customer if no customer can be identified using the provided data. Default: <code>false</code> .
<code>spaaza_chain_id</code>	<i>int</i>	Depends	If Magento has been configured to use multiple Spaaza chains, this parameter is required and will be used to search an existing customer in the correct website and assign to the correct website when creating a customer.
<code>website_code</code>	<i>string</i>	No	Assign a new customer to this website. Existing customers won't get updated. If <code>spaaza_chain_id</code> is also present, the website must be configured to use that chain id.
<code>store_code</code>	<i>string</i>	No	Assign a new customer to this store. This means that the 'new customer' email will be sent from this store. Existing customers won't get updated.

## Identification

The key `user_id` will, if supplied, be used to identify a customer. You can then also update other Spaaza specific data like `member_number`. If `user_id` does not exist (or is considered empty by PHP) in `user_info`, `member_number` will be used to identify the customer. If using one of these two fields does not find a customer, `username` is tried and then as a last method `authentication_point_identifier` will be used.

If `username` OR `authentication_point_identifier` has been used to identify the customer, `user_id` and `member_number` will be set and saved on the found customer.

## Example

```
{
  "user_info": {
    "member_number": "99102352",
    "user_id": 3362356,
    "username": "info@spaaza.com",
    "password": "EasyOrNot?",
    "address_streetname": "Dorpstraat",
    "address_housenumber": "1",
    "address_housenumber_extension": null,
    "address_line_2": null,
    "address_line_3": null,
    "address_postalcode": "1000AA",
    "address_regionstate": null,
    "address_towncity": "Amsterdam",
    "birthday": "2002-01-01T00:00:00+00:00",
    "country_code": "NL",
    "entity_code": {
      "code": "99102352",
      "type": "custom"
    },
  },
  "first_name": "John",
  "last_name": "Doe",
  "gender": "F",
  "id": 3362356,
  "mailing_list": {
```

```
        "mailing_list_sub_offered": true,
        "mailing_list_subscribed": true,
        "printed_mailing_list_subscribed": false
    },
    "opt_in_programme": {
        "programme_opted_in": false
    },
    "phone_number": "0851234567"
},
"create_if_not_exists": true,
"spaaza_chain_id": 123
}
```

## Result

**Unsuccessful** (HTTP status 404, if `create_if_not_exists` is `false` and customer is not found)

```
{
  "message": "Customer not found"
}
```

**Unsuccessful** (HTTP status 400, if `spaaza_chain_id` is not configured)

There are a lot of validations, which all return HTTP status 400 on failure.

```
{
  "message": "The given Chain Id is not configured in Magento."
}
```

## Successful

```
{
  "id": 39,
  "group_id": 1,
  "default_billing": "8",
  "default_shipping": "8",
  "created_at": "2018-10-18 14:49:13",
  "updated_at": "2018-10-18 21:06:56",
  "created_in": "Default Store View",
  "dob": "2002-01-01",
  "email": "info@spaaza.com",
  "firstname": "John",
  "lastname": "Doe",
  "gender": 2,
  "store_id": 1,
  "website_id": 1,
  "addresses": [
    {
      "id": 8,
      "customer_id": 39,
      "region": {
        "region_code": null,
        "region": null,
        "region_id": 0
      },
      "region_id": 0,
      "country_id": "NL",
      "street": [
        "Dorpstraat",
        "1"
      ],
      "telephone": "0851234567",
      "postcode": "1000AA",
    }
  ]
}
```

```

        "city": "Amsterdam",
        "firstname": "John",
        "lastname": "Doe",
        "default_shipping": true,
        "default_billing": true
    }
],
"disable_auto_group_change": 0,
"extension_attributes": {
    "is_subscribed": false,
    "spaaza_data": {
        "customer_id": 39,
        "user_id": 3362356,
        "member_number": "99102352",
        "programme_opted_in": false,
        "mailing_list_subscribed": true,
        "printed_mailing_list_subscribed": false,
        "last_hash": "deadf385f4407f78"
    }
}
}
}

```

## Customer Info By Id

**GET** `/rest/V1/spaaza/customer/user_info/:customerId`

Gets the user info for a customer as it would be sent to the Spaaza API.

Parameter	Required	Description
<code>spaaza_chain_id</code>	Depends	If Magento has been configured to use multiple Spaaza chains, this parameter is required and will be used to look up the website to find the customer in. This query parameter has been added to let Spaaza call one endpoint for all Magento module versions.

## Examples

```
GET /rest/V1/spaaza/customer/user_info/1
```

```
GET /rest/V1/spaaza/customer/user_info/1?spaaza_chain_id=123
```

## Result

### Successful

```

{
    "first_name": "Veronica",
    "last_name": "Costello",
    "birthday": "1973-12-15",
    "username": "roni_cost@example.com",
    "webshop_customer_id": 1,
    "gender": "F",
    "printed_mailing_list_subscribed": false,
    "mailing_list_subscribed": false,
    "mailing_list_sub_offered": true,
    "programme_opted_in": false,
    "address_streetname": "Test Street",
    "address_housenumber": "8",

```

```
"address_housenumber_extension": "",
"address_postalcode": "49628-7978",
"address_towncity": "Amsterdam",
"country_code": "NL",
"phone_number": "010 123 45 67"
}
```

**Unsuccessful** (HTTP status 404, if customer is not found)

```
{
  "message": "No such entity with %fieldName = %fieldValue, %field2Name = %field2Value",
  "parameters": {
    "fieldName": "email",
    "fieldValue": "roni_cost@example.com",
    "field2Name": "websiteId",
    "field2Value": "1"
  }
}
```

## Customer Info By Email

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**GET** `/rest/V1/spaaza/customer/user_info_by_email/:customerEmail`

Gets the user info for a customer as it would be sent to the Spaaza API.

### Example

```
GET /rest/V1/spaaza/customer/user_info/roni_cost%40example.com
```

## Result

**Successful**

```
{
  "first_name": "Veronica",
  "last_name": "Costello",
  "birthday": "1973-12-15",
  "username": "roni_cost@example.com",
  "webshop_customer_id": 1,
  "gender": "F",
  "printed_mailing_list_subscribed": false,
  "mailing_list_subscribed": false,
  "mailing_list_sub_offered": true,
  "programme_opted_in": false,
  "address_streetname": "Test Street",
  "address_housenumber": "8",
  "address_housenumber_extension": "",
  "address_postalcode": "49628-7978",
  "address_towncity": "Amsterdam",
  "country_code": "NL",
  "phone_number": "010 123 45 67"
}
```

**Unsuccessful** (HTTP status 404, if customer is not found)

```
{
  "message": "No such entity with %fieldName = %fieldValue, %field2Name = %field2Value",
}
```

```
"parameters": {
  "fieldName": "email",
  "fieldValue": "roni_cost@example.com",
  "field2Name": "websiteId",
  "field2Value": "1"
}
```

**Unsuccessful** (HTTP status 400, if customers have website sharing scope)

```
{
  "message": "Missing Chain Id: Customers are configured to have a website sharing scope."
}
```

## Customer Info By Email And Spaaza Chain Id

**GET** /rest/V1/spaaza/customer/user\_info\_by\_email/:spaazaChainId/:customerEmail

Gets the user info for a customer as it would be sent to the Spaaza API. Using this endpoint is necessary if Magento has been configured to use multiple Spaaza chains.

### Example

```
GET /rest/V1/spaaza/customer/user_info/123/roni_cost@example.com
```

### Result

**Successful**

```
{
  "first_name": "Veronica",
  "last_name": "Costello",
  "birthday": "1973-12-15",
  "username": "roni_cost@example.com",
  "webshop_customer_id": 1,
  "gender": "F",
  "printed_mailing_list_subscribed": false,
  "mailing_list_subscribed": false,
  "mailing_list_sub_offered": true,
  "programme_opted_in": false,
  "address_streetname": "Test Street",
  "address_housenumber": "8",
  "address_housenumber_extension": "",
  "address_postalcode": "49628-7978",
  "address_towncity": "Amsterdam",
  "country_code": "NL",
  "phone_number": "010 123 45 67"
}
```

**Unsuccessful** (HTTP status 404, if customer is not found)

```
{
  "message": "No such entity with %fieldName = %fieldValue, %field2Name = %field2Value",
  "parameters": {
    "fieldName": "email",
    "fieldValue": "roni_cost@example.com",

```

```
"field2Name": "websiteId",  
"field2Value": "1"  
}  
}
```