




# Create an API Key

Last Modified on 05/13/2021 4:54 pm EDT

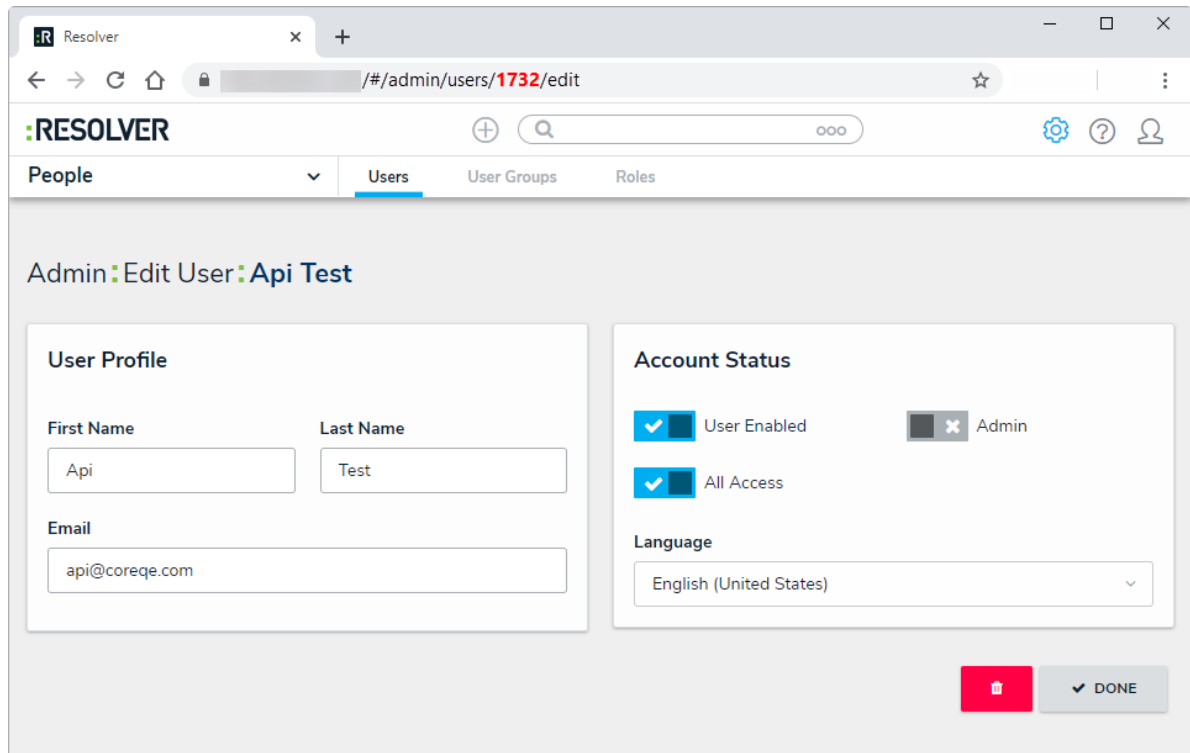
## To create an API key:

1. Login as an admin and select the appropriate org, if required.
2. Click the  icon in the top bar > **Users** in the **People** section.
3. Click **Create User**.
4. Enter the user's name in the **First Name** and **Last Name** field.
5. Enter an email address in the **Email** field. If the API key is for a production environment, enter a valid company email address.
6. From the **Edit User** page, click the  icon next to **All Access** to allow the user to view, edit, and delete all data in the org. Alternatively, you may add the user to a [role](#) or [user group](#).
7. **Optional:** Click the  icon next to **Admin** to enable administrative rights.




For added security, it's recommended that the **Admin** setting is not enabled for API users unless admin privileges are needed to complete the required API calls.

8. Click **Create**.
9. From the **Edit User** page, record the account's internal ID from the address bar of your browser (e.g., 1732).

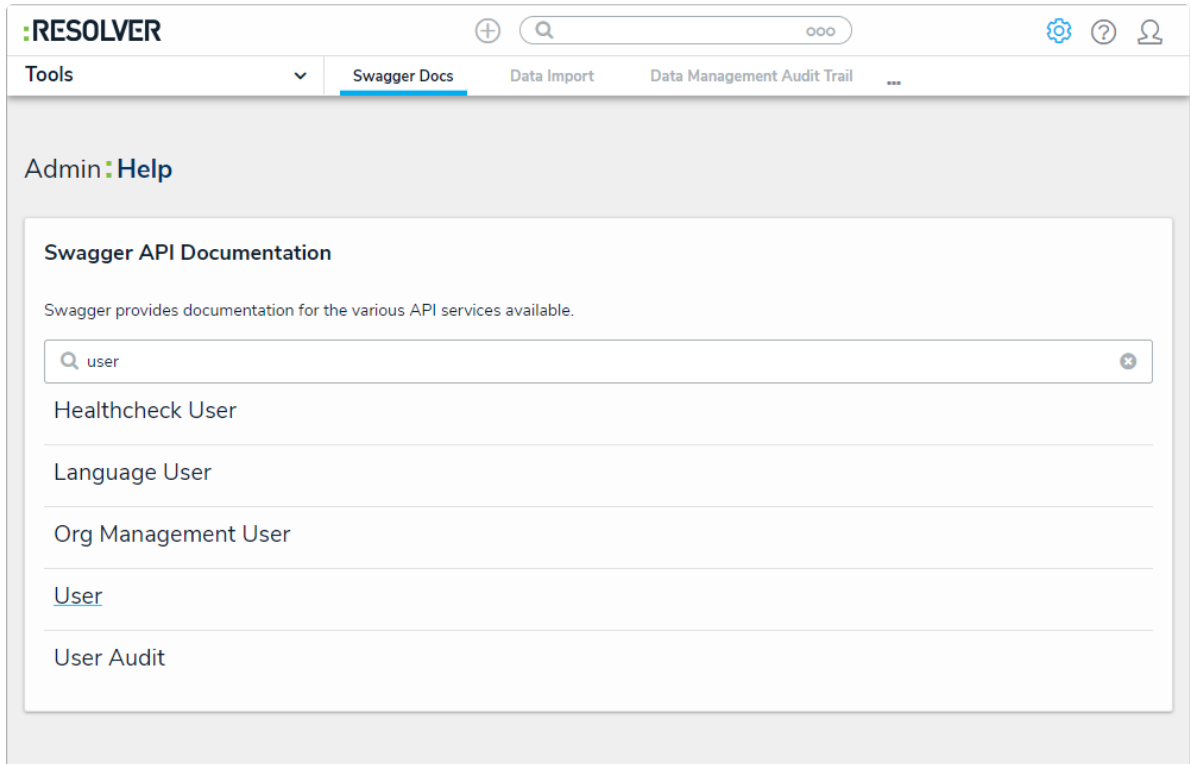


The screenshot shows a web browser window with the Resolver Admin interface. The address bar shows the URL `/#/admin/users/1732/edit`. The page title is `Admin:Edit User:Api Test`. The interface is divided into two main sections: **User Profile** and **Account Status**. The **User Profile** section contains input fields for **First Name** (Api) and **Last Name** (Test), and an **Email** field (api@coreqe.com). The **Account Status** section contains checkboxes for **User Enabled** (checked) and **All Access** (checked), and a dropdown menu for **Language** (English (United States)). There is also a **Admin** checkbox which is currently unchecked. At the bottom right, there is a red button with a trash icon and a grey button labeled **DONE**.

The Edit User page. The user's internal ID is displayed in the address bar.

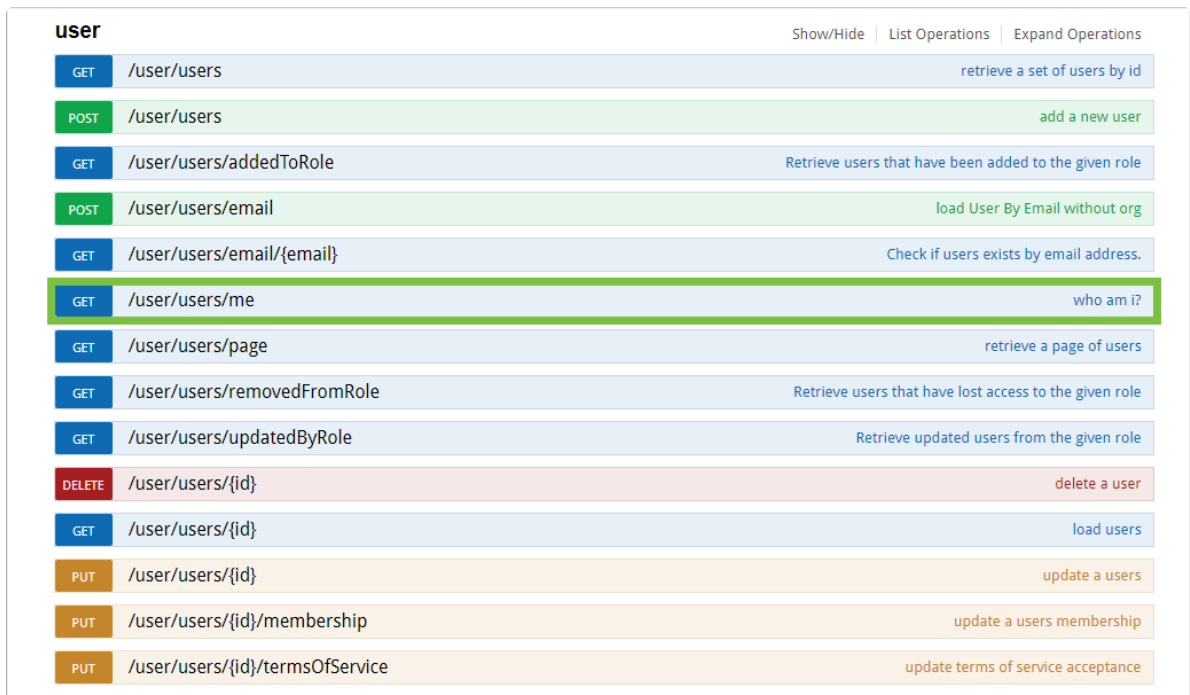
10. Click the  icon in the top bar > **Swagger Docs** in the **Tools** section.

- Enter the keyword **user** in the search text box, then click **User** from the results to open the Swagger interface in a new tab.



*The Swagger API Documentation page.*

- Scroll down to view the **user** resource.
- Click **GET /user/users/me (who am I?)** to expand it.



*The GET /user/users/me endpoint.*

- Click **Try it out!**
- Record or copy the **id** number from the **currentOrg** section to your clipboard. This is the current org's internal ID.

```

Response Body

{
  "id": 353,
  "first": "John",
  "last": "Doe",
  "email": "john.doe@resolver.com",
  "modified": "2020-02-27T21:28:26.833Z",
  "externalRefId": "9a1a1c55-0179-4bb0-9722-0025c3194318",
  "isAdmin": true,
  "superAdmin": true,
  "acceptedTos": true,
  "lastLogin": "2020-02-27T21:28:26.833Z",
  "ssoBypass": false,
  "lang": "en-US",
  "isActive": true,
  "allAccess": true,
  "currentOrg": {
    "id": 92,
    "name": "Test Org 123",
    "passwordExpiration": 100,
    "logoUrl": null,
  }
}

```

The Response Body section of the GET /user/users/me endpoint.

16. Scroll up and expand the **org** resource to display the available endpoints.
17. Click **GET /user/org/{orgId}/user/{userId} (load a user org membership)** endpoint to expand it.

org		Show/Hide	List Operations	Expand Operations
POST	/user/org			add an org
DELETE	/user/org/{id}			delete an org
GET	/user/org/{id}			load an org
PUT	/user/org/{id}			update an org
POST	/user/org/{orgId}/enableBiConnector			enable or disable BI Connector for an org
DELETE	/user/org/{orgId}/user/{userId}			remove a user from an org
GET	/user/org/{orgId}/user/{userId}			load a user org membership
POST	/user/org/{orgId}/user/{userId}			add a user to an org

The GET /user/org/{orgId}/user/{userId} endpoint.

18. Enter the org number copied during step 15 in the **orgId** field.
19. Enter the user ID, copied during step 9 from the **Edit User** page, in the **userId** field.

GET /user/org/{orgId}/user/{userId} load a user org membership

Response Class (Status 200)  
OK

Model Example Value

```
{
  "id": 0,
  "userId": 0,
  "orgId": 0,
  "userType": "string",
  "isActive": true
}
```

Response Content Type application/json

Parameters

Parameter	Value	Description	Parameter Type	Data Type
orgId	92		path	integer
userId	1732		path	integer

Try it out!

The expanded GET /user/org/{orgId}/user/{userId} endpoint.

20. Click **Try it out!**
21. From the **Response Body**, record or copy the **id** number to your clipboard. This is the user's org membership ID number.

Response Body

```
{
  "id": 2257,
  "userId": 1732,
  "orgId": 92,
  "isActive": true,
  "isAdmin": true,
  "allAccess": true,
  "excludeFromMembershipCount": false
}
```

The Response Body section of the GET /user/org/{orgId}/user/{userId} endpoint.

22. Scroll up and expand the **apiKey** resource to display the available endpoints.
23. Click **POST /user/apiKey (create an api key)** endpoint to expand it.

**apiKey** Show/Hide List Operations Expand Operations

**POST** /user/apiKey create an api key

**GET** /user/apiKey/user/{userId} retrieve an api key by userId

**DELETE** /user/apiKey/{id} delete an api key

**GET** /user/apiKey/{id} retrieve an api key by id

The POST /user/apiKey (create an api key) endpoint.

24. In the **Parameters** section, click the **Example Value** box to populate the template in the **body** text box.

**apiKey** Show/Hide List Operations Expand Operations

**POST** /user/apiKey create an api key

Response Class (Status 200)  
OK

Model | Example Value

```
{
  "id": 0,
  "apiKey": "string"
}
```

Response Content Type: application/json

**Parameters**

Parameter	Value	Description	Parameter Type	Data Type
body	<input type="text"/>		body	Model   Example Value

Parameter content type: application/json

The Example Value box.

25. In the **body** text box, delete the **0** in the **orgUserId** attribute, then enter the user's org membership ID number, obtained in step 21.
26. Enter a descriptive name for the API key in the **name** attribute (e.g., Integration Account).

**Parameters**

Parameter	Value	Description	Parameter Type	Data Type
body	<pre>{   "orgUserId": 2257,   "name": "Integration Account",   "canImpersonate": false }</pre>		body	Model   Example Value

Parameter content type: application/json

A completed body text box.

The **canImpersonate** attribute makes it possible to impersonate another user while using the API key; however, only members of Resolver Support can enable impersonation through the API. Otherwise, setting this attribute to **true** will result in an error. Contact [Resolver Support](#) should you wish to enable this feature. For more information on impersonating a user with an API key, see [Impersonation with an API Key](#).

27. Click **Try it out!**
28. Copy the **apiKey** from the **Response Body** and store it for safekeeping.

**Response Body**

```
{
  "id": 125,
  "apiKey": "cSqzQ0Cud0Hp7AZ4k7at_EU0U11S4BCqo2tH73x/QAuTKR9qegaK4mHaxBcpv8dTqrGrugLHlw"
}
```

The Response Body displaying the ID and API key.



For security purposes, once an API key is generated, it cannot be retrieved. If you misplace an API key, a new key must be generated.