

API Integration

Administration and User Guide



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Introduction

This overview provides guidance for understanding and setting up integration workflows with third-party applications. RiskLens™ allows you to request a risk to be quantified, and then to subscribe to all future updates to that risk. This is fulfilled through our two-way REST-based API. Any system that can use a REST API can integrate with RiskLens™.

API Clients

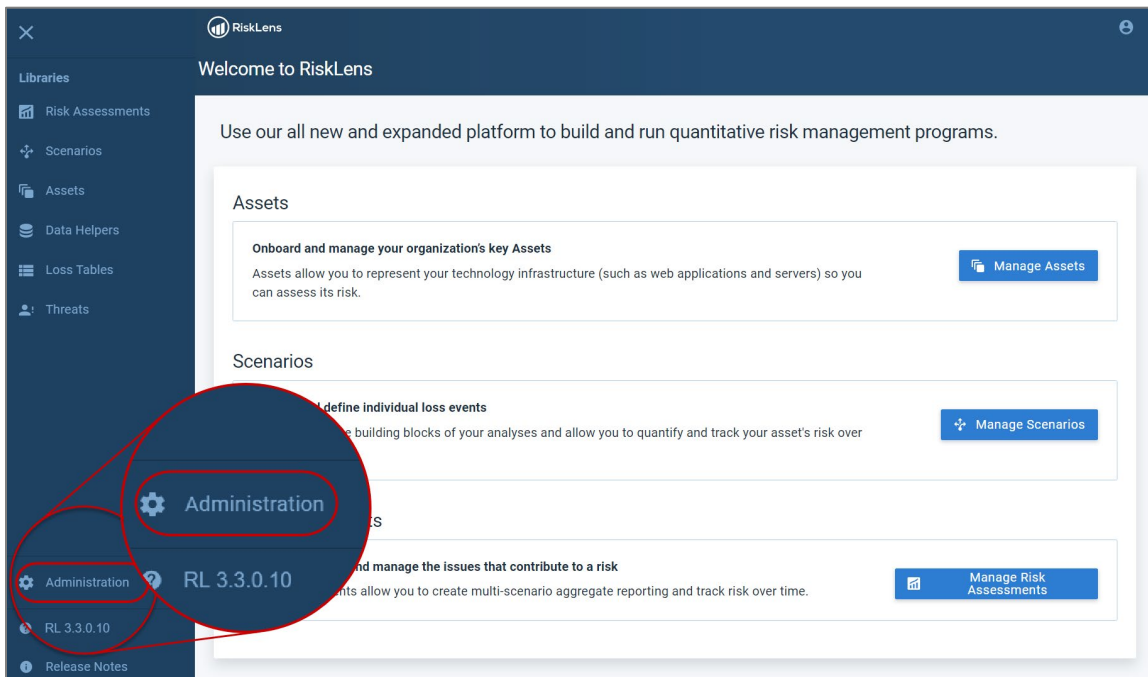
When integrating a service with the RiskLens™ platform, you must create an API client for the integration. Create one API client per integration using the following process.

Creating API Clients

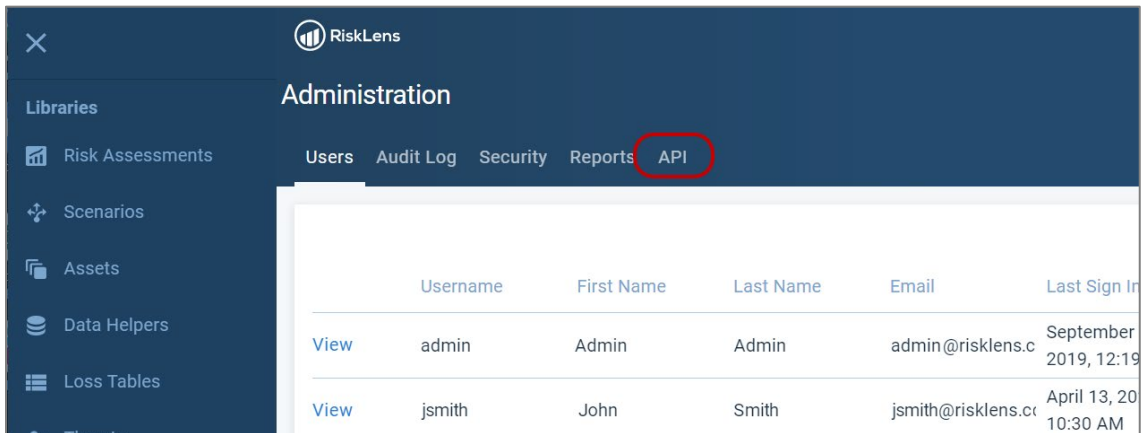
To create an API client:

 Time to complete: about two minutes

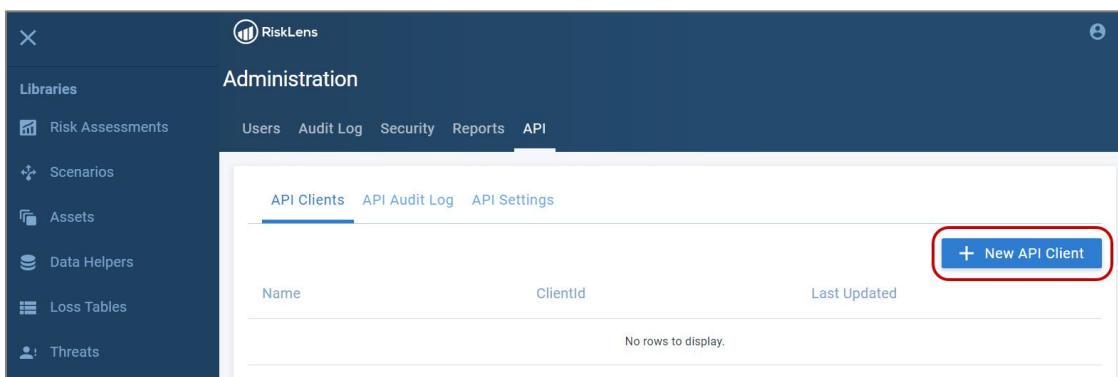
1. On the Welcome page of the platform, in the bottom-left corner, click **Administration**.



The Administration page displays.

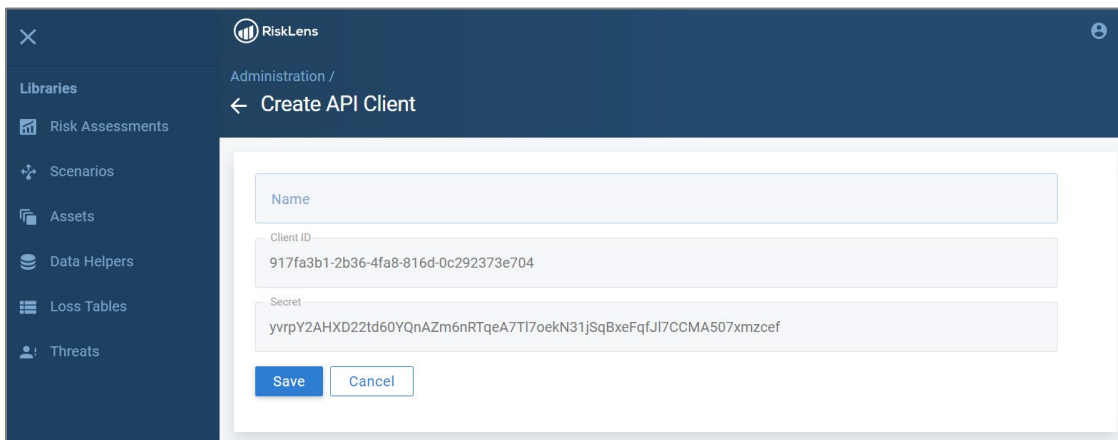
2. Click **API**.

The API page displays.

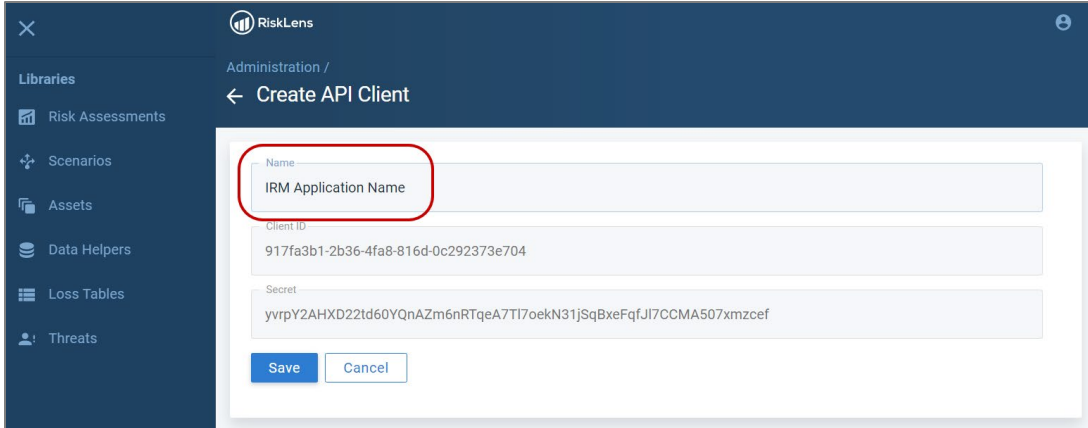
3. Click **New API Client**.

The Create API Client page displays. The Client ID and Secret are automatically filled with a newly generated ID and secret.

⚠️ Secrets are encrypted for security purposes and cannot be retrieved after initial setup. Be sure to record the secret before saving this client. If this is lost, you must generate a new secret.

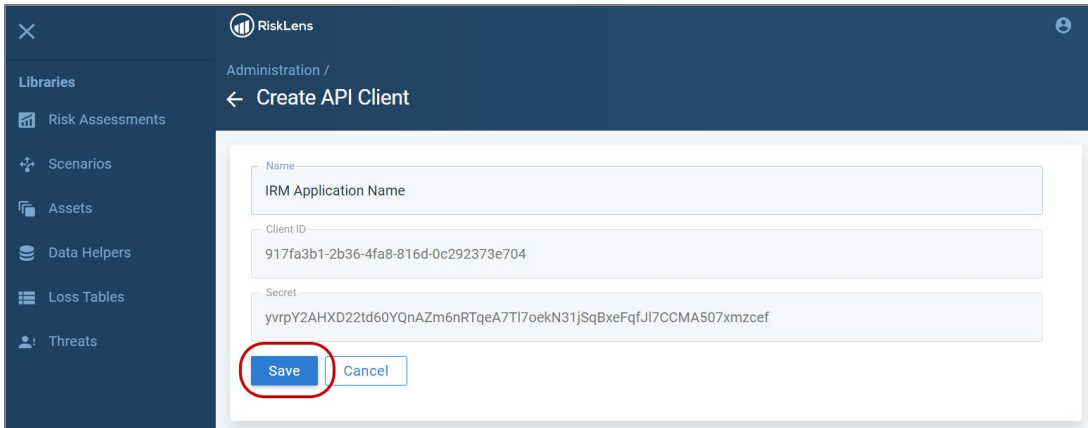


4. Enter a name for the API client. It is recommended to name the client according to the service being integrated with RiskLens™.



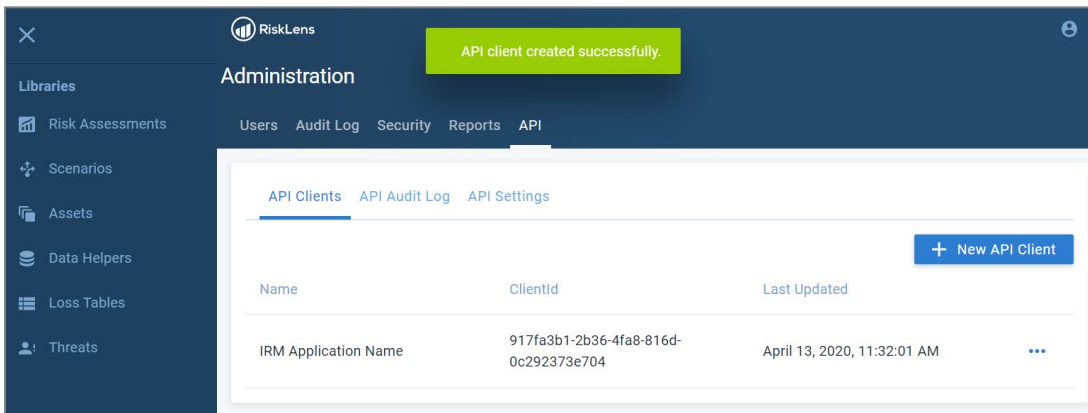
The screenshot shows the 'Create API Client' form in the RiskLens Administration interface. The 'Name' field is highlighted with a red circle and contains the text 'IRM Application Name'. The 'Client ID' field contains '917fa3b1-2b36-4fa8-816d-0c292373e704' and the 'Secret' field contains 'yvrpY2AHXD22td60YQnAZm6nRTqeA7T17oekN31jSqBxeFqJl7CCMA507xmxcef'. There are 'Save' and 'Cancel' buttons at the bottom.

5. Click **Save**.



The screenshot shows the 'Create API Client' form in the RiskLens Administration interface. The 'Save' button is highlighted with a red circle. The 'Name' field contains 'IRM Application Name', the 'Client ID' field contains '917fa3b1-2b36-4fa8-816d-0c292373e704', and the 'Secret' field contains 'yvrpY2AHXD22td60YQnAZm6nRTqeA7T17oekN31jSqBxeFqJl7CCMA507xmxcef'. There are 'Save' and 'Cancel' buttons at the bottom.

The API client is saved and you are returned to the API tab on the Administration page. The page displays a successful creation message, and your new client is displayed in the API Clients list.



The screenshot shows the RiskLens Administration page with the 'API' tab selected. A green notification banner at the top says 'API client created successfully.' The 'API Clients' list is displayed below, showing the newly created client.

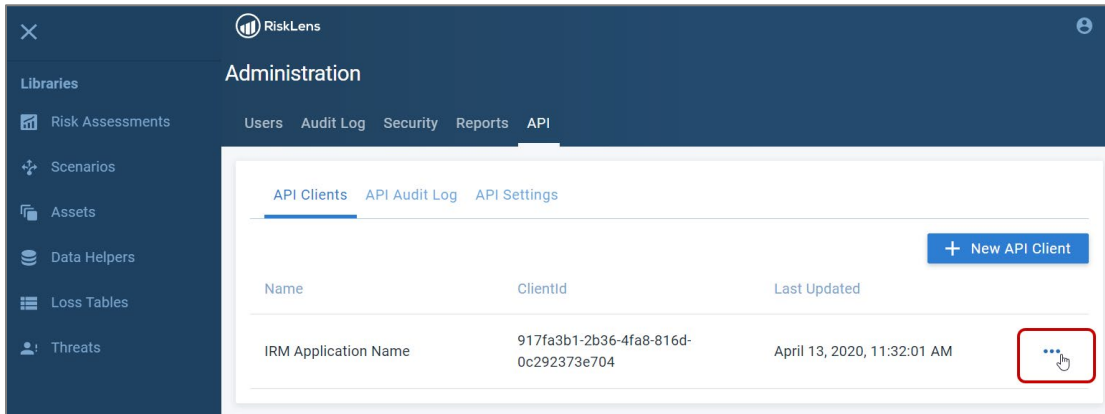
Name	Clientid	Last Updated	
IRM Application Name	917fa3b1-2b36-4fa8-816d-0c292373e704	April 13, 2020, 11:32:01 AM	...

Working with Existing API Clients

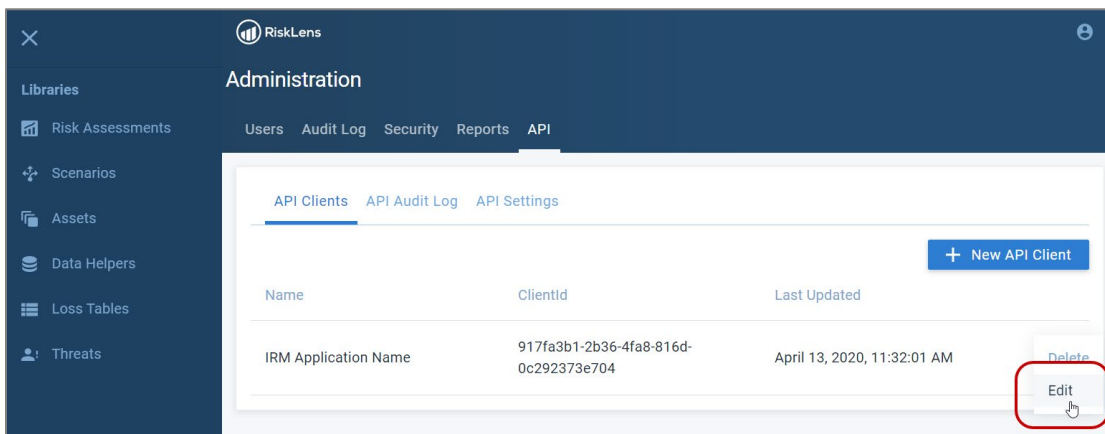
To edit a client:

 Time to complete: about two minutes

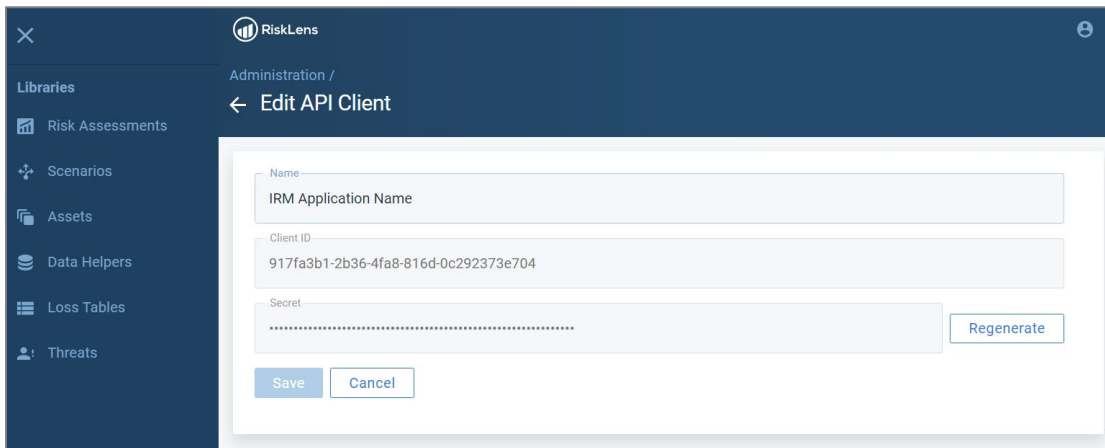
1. From the API page, click the ellipsis button on a line item to edit that item.



2. Click **Edit**.



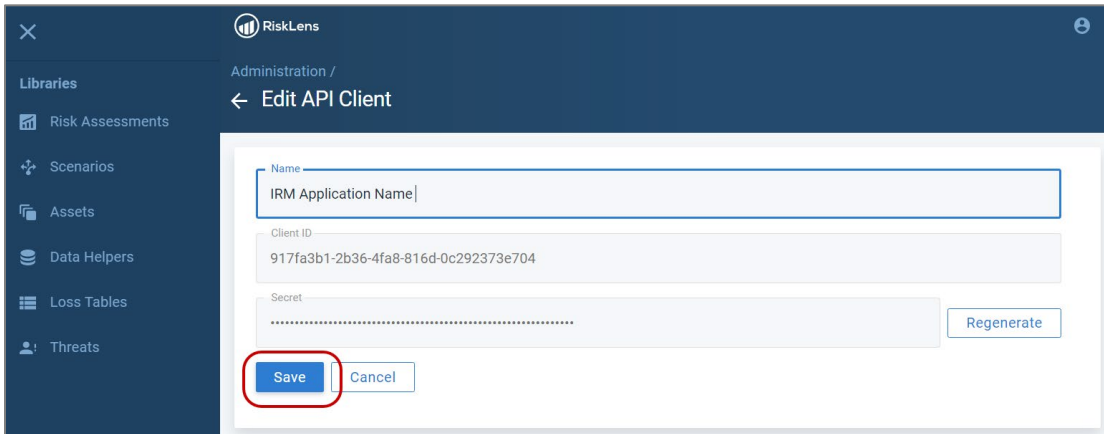
The Edit API Client page displays. The **Save** button is disabled until a change is made.



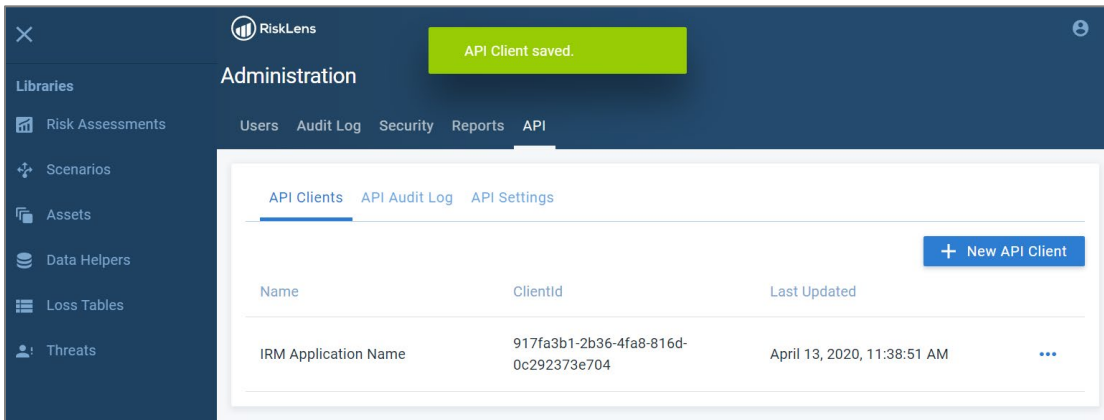
3. The client can be edited one of two ways:
 - Regenerate: To create a new secret key, skip to the [To regenerate a secret key](#): section below.
 - Edit: Change the name as necessary and continue to the next step.

*Once a change has been made, the **Save** button is no longer disabled.*

4. Click **Save**.



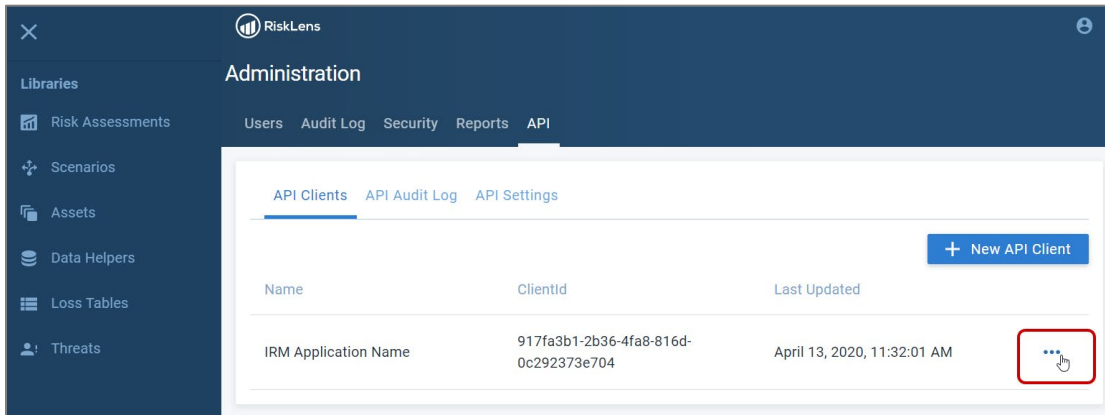
The API client is saved, and a successful save message appears.



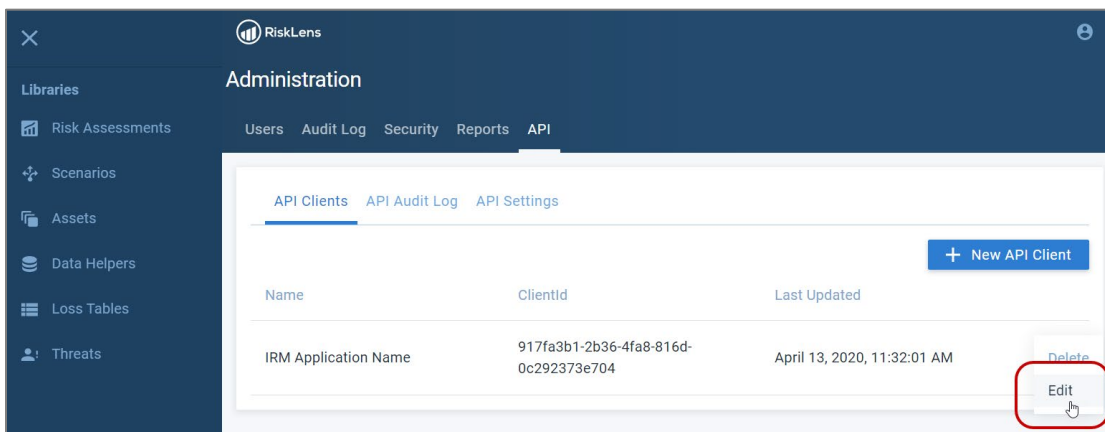
Name	Clientid	Last Updated	
IRM Application Name	917fa3b1-2b36-4fa8-816d-0c292373e704	April 13, 2020, 11:38:51 AM	...

To regenerate a secret key: Time to complete: about one minute

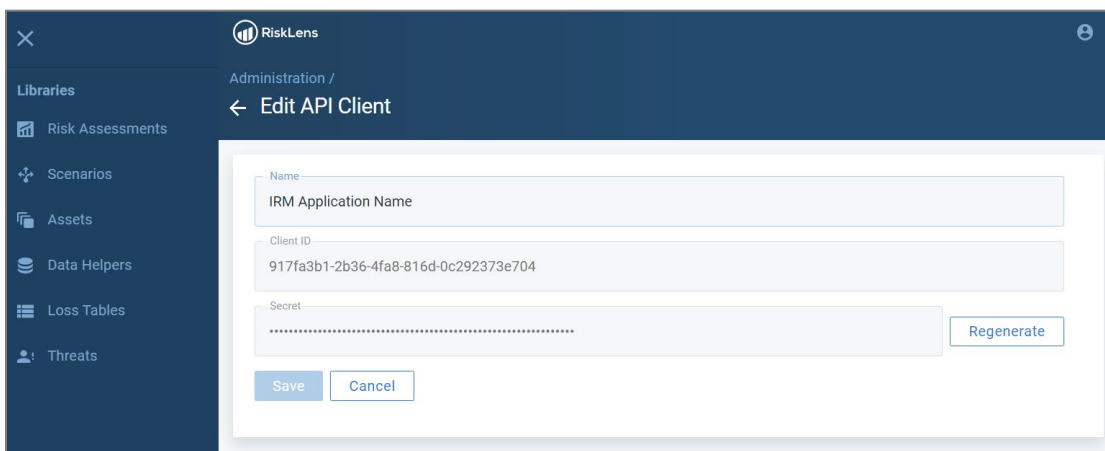
1. From the API page, click the ellipsis button on a line item to edit that item.



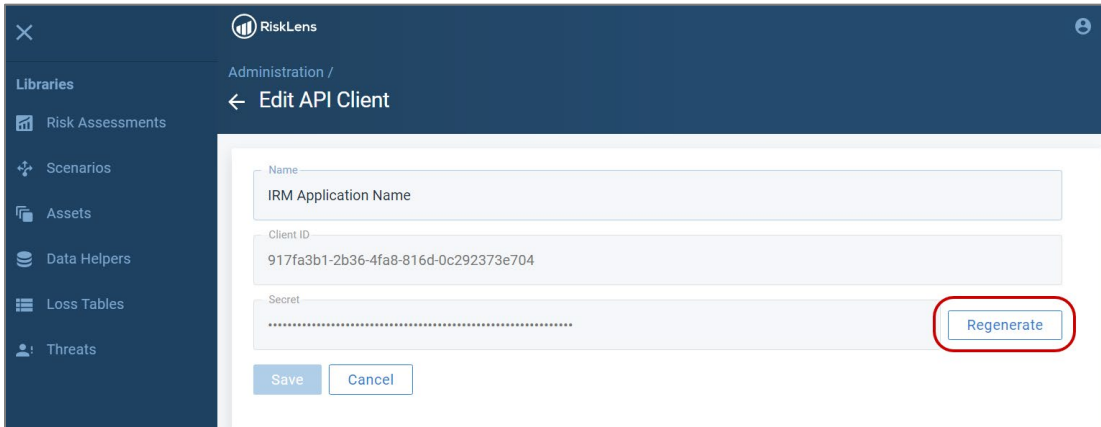
2. Click **Edit**.



The **Edit API Client** page opens. The **Save** button is disabled until a change is made.

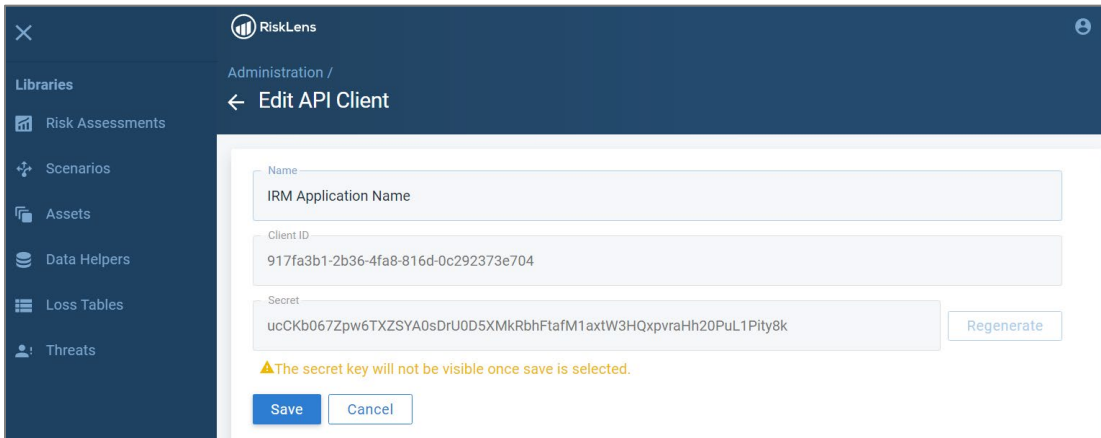


3. Click **Regenerate**.



The screenshot shows the 'Edit API Client' form in the RiskLens administration interface. The form includes fields for Name (IRM Application Name), Client ID (917fa3b1-2b36-4fa8-816d-0c292373e704), and Secret (masked with dots). A 'Regenerate' button is highlighted with a red circle, indicating the next step in the process. 'Save' and 'Cancel' buttons are also visible at the bottom.

A new key is regenerated and displays in the **Secret** field.

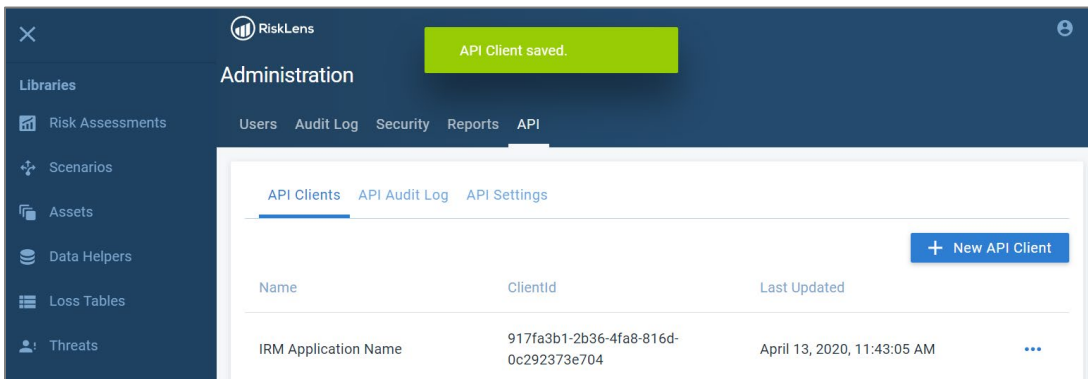


The screenshot shows the 'Edit API Client' form after the secret has been regenerated. The 'Secret' field now displays a long alphanumeric string: ucCKb067Zpw6TXZSYA0sDrU0D5XMKRbhFtafM1axtW3HQxpvrHh20PuL1Pity8k. A warning message below the field states: "The secret key will not be visible once save is selected." The 'Regenerate' button is now disabled. 'Save' and 'Cancel' buttons are also visible.

⚠ Secrets are encrypted for security purposes and cannot be retrieved after initial setup. Be sure to record the secret before saving this client. If this is lost, you must generate a new secret.

4. Click **Save** to save the newly generated secret or click **Cancel** to cancel and leave without making changes.

If you clicked save, a successful save message appears.

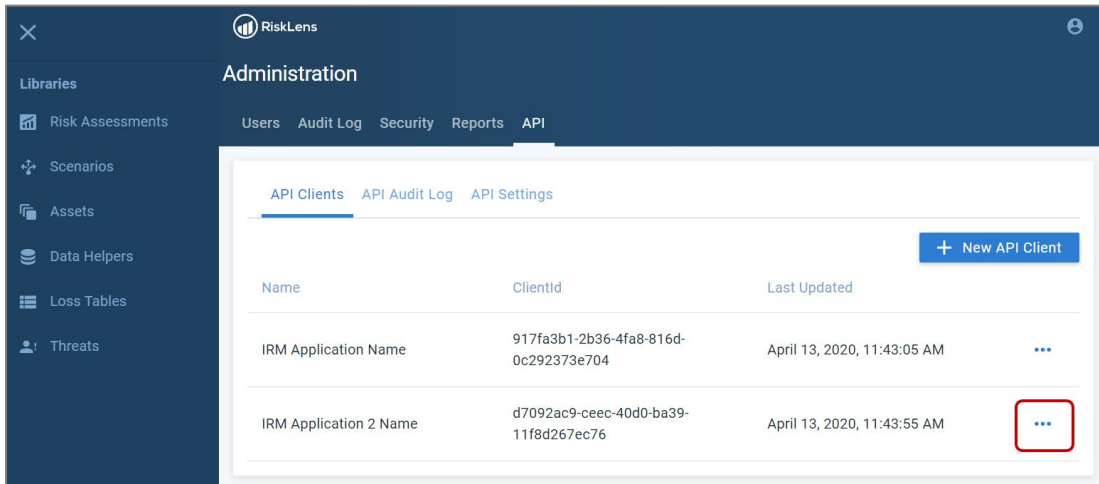


The screenshot shows the 'API Clients' list view in the RiskLens administration interface. A green notification banner at the top says "API Client saved." The table below shows the details of the 'IRM Application Name' client.

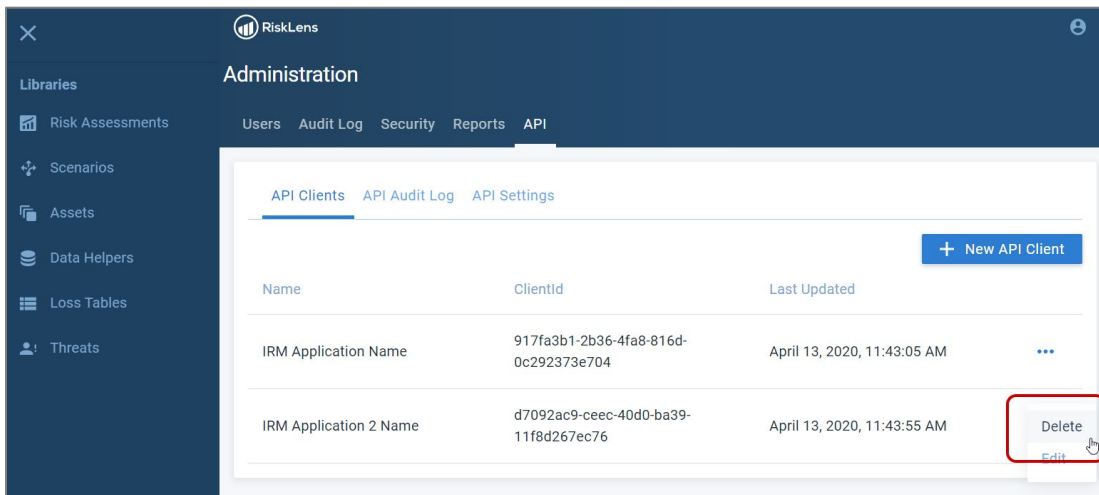
Name	Clientid	Last Updated	
IRM Application Name	917fa3b1-2b36-4fa8-816d-0c292373e704	April 13, 2020, 11:43:05 AM	...

To delete a client: Time to complete: about one minute

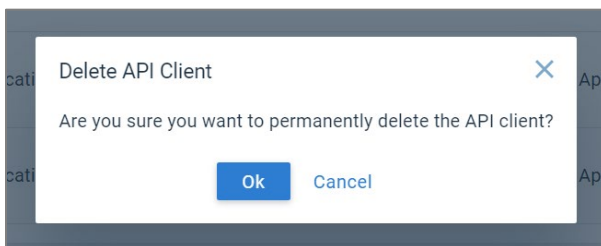
1. From the API page, click the ellipsis button on the line of the client that you need to edit.



2. Click **Delete**.



The page displays a confirmation message.



3. Click **Ok** to delete the API client or **Cancel** to exit without changes.

If you clicked OK, the API client is deleted.

RiskLens™ API Endpoints

Integration API endpoint information is available online. This page provides detailed information on API endpoints for integrating with RiskLens™.

Complete these steps to enable access to the RiskLens API.

1. Register your integration application by following the steps in the [Creating API Clients](#) section to create an AIP client.

2. Send an HTTP request with the authentication ID.

- **RiskLens customers:** Send the request to `v3.risklens.com/auth/connect/token`
- **RSA customers:** Send the request to `rsav3.risklens.com/auth/connect/token`

The endpoint will return a bearer token.

3. Send an HTTP request with the bearer token to the RiskLens API.

- **RiskLens customers:** Send the request to `v3-api.risklens.com`
- **RSA customers:** Send the request to `rsav3-api.risklens.com`

The RiskLens API responds to the call returning either an error message, or a success message with the requested content in a JSON file.

The screenshot below shows an example of the information available on the API integration site. To visit the online API, click the following link:

RiskLens™ API: <https://app.swaggerhub.com/apis-docs/RiskLens/Integration>

subscriptions Manage subscriptions
▼

POST **/subscriptions/riskassessments** Creates a risk assessment subscription

This method creates a risk assessment into the API client's project and automatically creates a subscription to its current results.

Parameters

No parameters

Request body required application/json ▼

Example Value | [Schema](#)

```

{
  "riskAssessmentName": "Risk Assessment",
  "purpose": "Purpose",
  "uri": "https://someservice.com/riskregister/id"
}
```

Responses

Code	Description	Links
201	OK	No links
<small>Media type</small> application/json ▼ <small>Controls: Accept header</small>		
Example Value Schema <pre style="background-color: #2d3748; color: #e2e3e5; padding: 10px; border: 1px solid #2d3748;"> { "data": { "subscriptionId": "70582c0f-8d8b-46da-b1ed-59556a3bd7f5", "uri": "https://v3.risklens.com/decisionSupport/riskAssessments/riskAssessment/Umlza0Fzc2Vzc" }, "errors": [] }</pre>		
400	Request is invalid.	No links
401	Authorization information is missing or invalid.	No links
5XX	Unexpected error.	No links

POST **/subscriptions** Gets multiple subscription results

Supported Workflows

The following workflow is a visual representation of data flow in a RiskLens™ API integration. API integration workflows can be used by IRMs, GRCs, analytic products, and other systems. In this example, the system used is in the form of an integrated risk management (IRM) system. The action begins in the client GRC/IRM when a request for quantified assessment is initiated by the IRM user (top-left). Ultimately, results are returned to the IRM user in the client GRC/IRM (lower-left).

