

Loan Guaranty (LGY)

How to Obtain LGY API Credentials for Technology Providers



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Office of Information and Technology (OIT)

Revision History

Date	Version	Description	Author
April 11, 2022	1.0	Initial release	LGY Communications Team
November 3, 2022	1.1	Updated steps for requesting sandbox access, separated lender and technology provider instructions into separate documents	LOT Implementation Team
July 18, 2023	1.2	Added step for requesting access to additional APIs, updated steps and screenshots to align to updated Lighthouse site	LOT Implementation Team

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1. Introduction

The Department of Veterans Affairs (VA) is transforming the VA home loan lifecycle to reduce manual data entry, improve data integrity, and streamline the process. This large-scale undertaking will be a years-long effort that includes an end-to-end Application Programming Interface (API) ecosystem that will introduce Loan Guaranty (LGY) technology dataset standards that align with that of the lending community and other Federal agencies.

Lighthouse is LGY's API Gateway platform that creates a single, secure front door to the LGY open APIs.

LGY will provide a Partner Integration Environment (PINT) for testing of the LGY APIs. This will allow partners to test their API implementation in a secure, safe environment.

2. Purpose

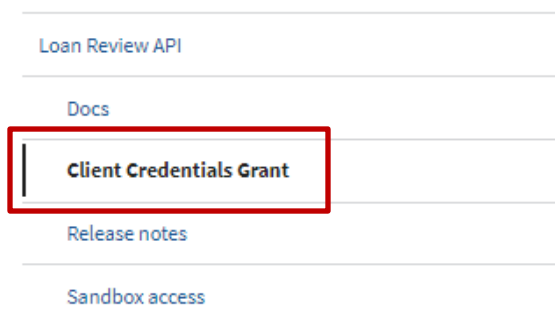
This document outlines the steps a technology professional working with a Loan Origination System (LOS) provider needs to take to obtain a LGY API account credential for the Lighthouse Sandbox/LGY PINT environment and a Test Service Account from LGY.

3. Obtain Lighthouse LGY API Account Credentials

3.1. Select the **Client Credentials Grant** section for the appropriate API to obtain a client id:

- Loan Review API: <https://developer.va.gov/explore/api/loan-review/client-credentials>
- Guaranty Remittance/Pre-Close API: <https://developer.va.gov/explore/api/guaranty-remittance/client-credentials>

Figure 1: Loan Review API Sections



3.2. Follow the steps in **Getting Started** to create an RSA public/private key in JWK format.

3.3. Select the **Sandbox access** section from the left navigation to request sandbox access.

3.4. Complete the **Access Form** fields,

Figure 2: Access Form Fields

Request Sandbox Access

Loan Review API

Submit this form to get instant access to test data for this API.

First name **(*Required)**

Last name **(*Required)**

Email address **(*Required)**

Briefly describe your project and how you'll use this API.

Building LOS integration to Loan Review API for uploading files in support of an FFLR request

3.5. Paste in the RSA public key created in step 3.2 above,

Figure 3: Access Form OAuth Public Key

Client Credentials Grant

In order to access an API that uses OAuth 2.0 Client Credentials Grant, you must provide your public key. [Learn how to generate a public key.](#)

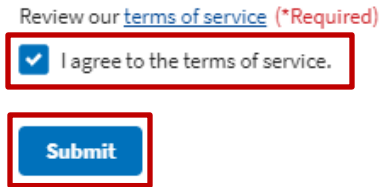
OAuth public key **(*Required)**

```
{
  "kty": "RSA",
  "n": "mYi1wUpwkJ1QB8..."
  ...
}
```

Important: To get production access using client credentials grant, you must either work for the VA or have specific VA agreements in place. If you have questions, [Contact us.](#)

3.6. **Agree to the terms** and select **Submit**.

Figure 4: Access Form Terms and Submission



Review our [terms of service](#) (*Required)

I agree to the terms of service.

Submit

3.7. The **Client Credentials Grant Oauth Client ID** will be sent from the VA API Platform Team to the email address provided.

4. Request a VA Loan Guaranty Test Service Account

If you are a Technology Provider who is also a lender, refer to [How to Obtain a Loan Guaranty API Test Account for Lenders](#). Otherwise, follow the instructions below to obtain a test lender account:

- 4.1. Navigate to the [Loan Guaranty help page](https://lgy.va.gov/lgyhub/help) (https://lgy.va.gov/lgyhub/help).
- 4.2. Scroll to the bottom of the page and click the **Submit help ticket anonymously** button.

Figure 5: Submit help ticket anonymously Button

Want to contact us? No problem.

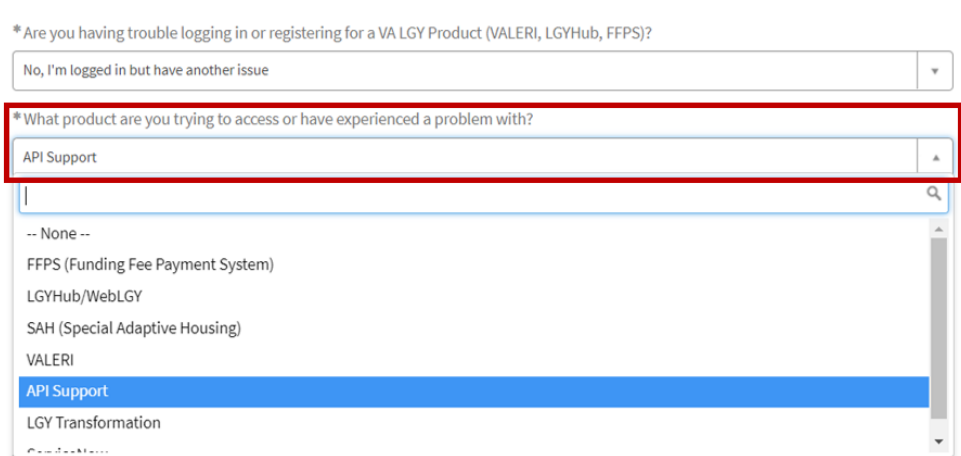
We notice you are not logged in. If you have a current working ID.me account where account" if you want to logon and have the full Help Desk ticket experience where y tickets. If not, click "Submit help ticket anonymously" to enter a help ticket as a gue



I have an ID.me account **Submit help ticket anonymously**

- 4.3. Fill in your personal and role details in the respective input fields. For the question labeled, "What product are you trying to access or have experienced a problem with?" choose **API Support**.

Figure 6: Product Choices



* Are you having trouble logging in or registering for a VA LGY Product (VALERI, LGYHub, FFPS)?

No, I'm logged in but have another issue

* What product are you trying to access or have experienced a problem with?

API Support

-- None --

FFPS (Funding Fee Payment System)

LGYHub/WebLGY

SAH (Special Adaptive Housing)

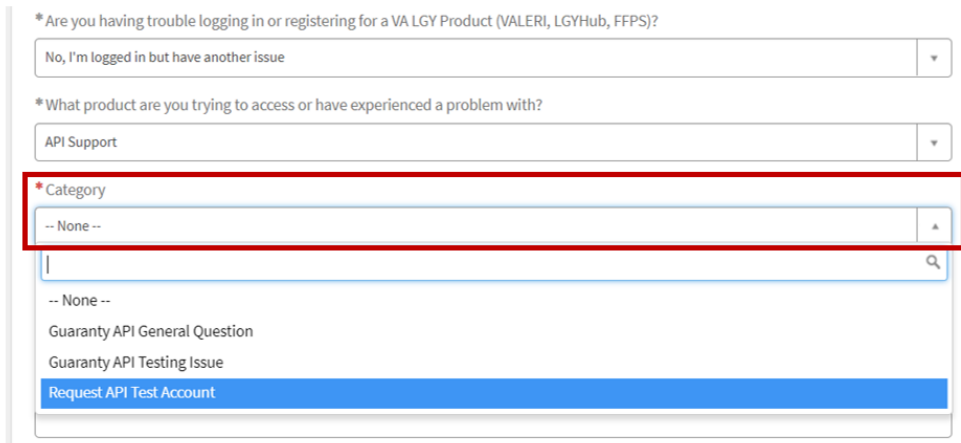
VALERI

API Support

LGY Transformation

4.4. For the **Category** option, choose **Request API Test Account**.

Figure 7: Product Category Choices



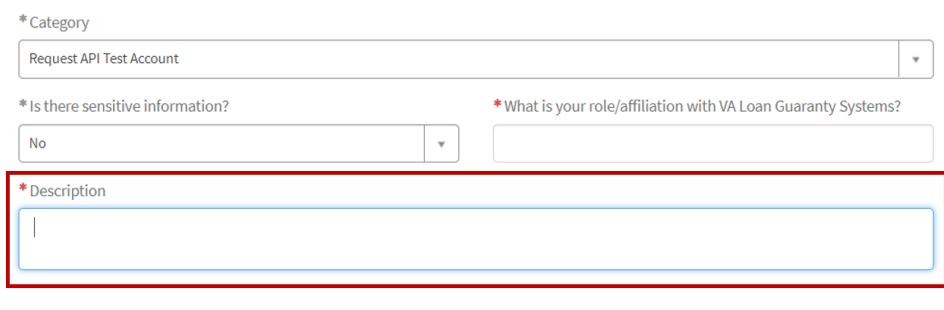
* Are you having trouble logging in or registering for a VA LGY Product (VALERI, LGYHub, FFPS)?
No, I'm logged in but have another issue

* What product are you trying to access or have experienced a problem with?
API Support

* Category
-- None --
Guaranty API General Question
Guaranty API Testing Issue
Request API Test Account

4.5. In the **Description** field, please identify the API you will be testing.

Figure 8: Description Field



* Category
Request API Test Account

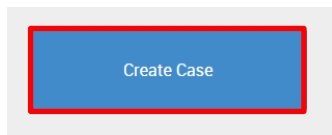
* Is there sensitive information?
No

* What is your role/affiliation with VA Loan Guaranty Systems?
[Empty text field]

* Description
[Empty text area]

4.6. When all required form data is present, select **Create Case**.

Figure 9: Submit Your Request



Create Case

5. Set-up Process Complete

Once received, VA will process your request and provide you with confirmation that the VA test account was created. With the VA test account complete, begin testing by familiarizing yourself with the API documentation and invoking the API in the test environment. API documentation can be found on the Technology Knowledge Center, which can be accessed through this link, [click here](https://www.benefits.va.gov/HOMELOANS/technology-knowledge-center.asp). (https://www.benefits.va.gov/HOMELOANS/technology-knowledge-center.asp)

6. Request Access to Additional LGY APIs

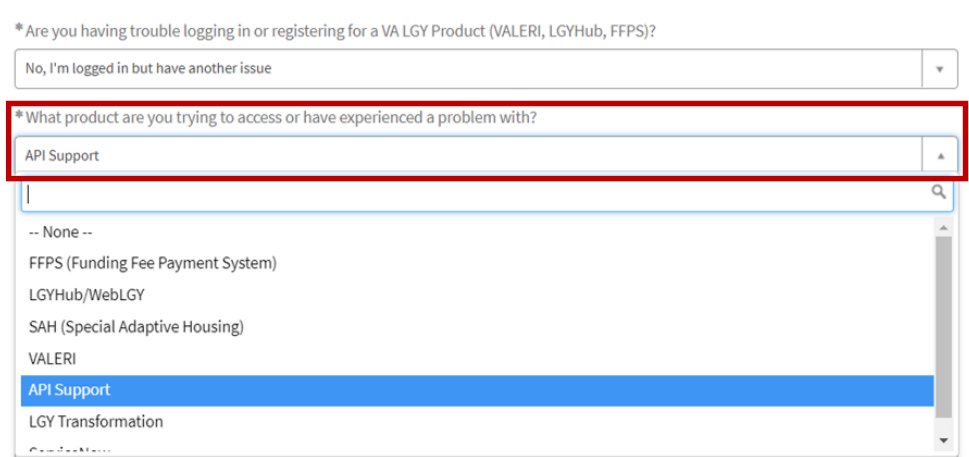
If you were previously provided with a client ID and access to an LGY API, you can request that same account be given access to additional LGY APIs as they are made available. Submit this request by emailing the Customer Support team at api@va.gov and include your PINT client ID and the LGY API(s) you would like access to.

7. Troubleshooting

If you encounter issues with the request process, please submit a Help ticket through the VA Help Center. The VA Help Center can be accessed through this link, [VA Help Center - Click Here](https://lgy.va.gov/lgyhub/help) (<https://lgy.va.gov/lgyhub/help>).

For the question labeled, “What product are you trying to access or have experienced a problem with?” choose **API Support**.

Figure 10: Product Choices



The screenshot shows a web form with two dropdown menus. The first dropdown is titled “*Are you having trouble logging in or registering for a VA LGY Product (VALERI, LGYHub, FFPS)?” and has the option “No, I’m logged in but have another issue” selected. The second dropdown is titled “*What product are you trying to access or have experienced a problem with?” and has “API Support” selected. This second dropdown is highlighted with a red border. Below the dropdown, a search bar is visible, and a list of product options is shown, including “-- None --”, “FFPS (Funding Fee Payment System)”, “LGYHub/WebLGY”, “SAH (Special Adaptive Housing)”, “VALERI”, “API Support” (highlighted in blue), and “LGY Transformation”.