Authentication

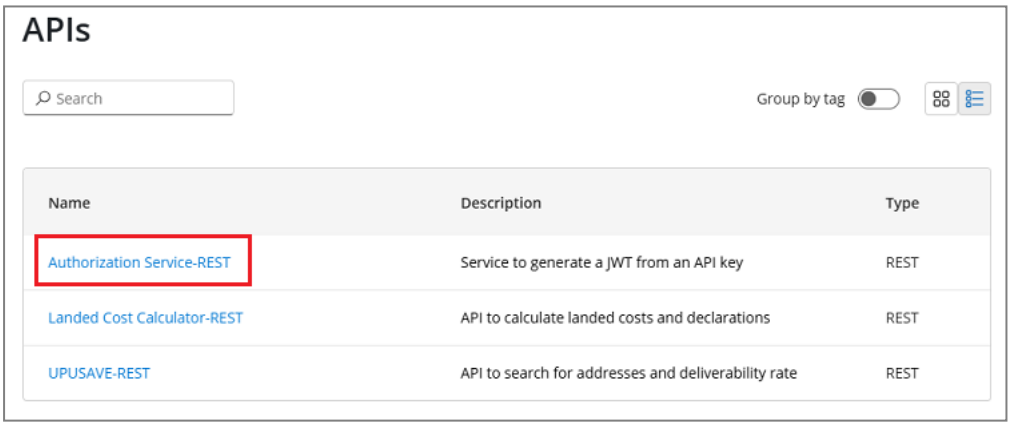
This document describes the step-by-step procedure for obtaining a JSON Web Token (JWT) to authorize API requests from a calling party. The procedure is identical for all APIs hosted on the PTC API Gateway platform.

A JWT is valid for 24 hours. During this period, there is no need to call the authorization service again to reauthorize the token for subsequent requests to any UPU API service. Once the 24-hour period has expired, a new token must be obtained.

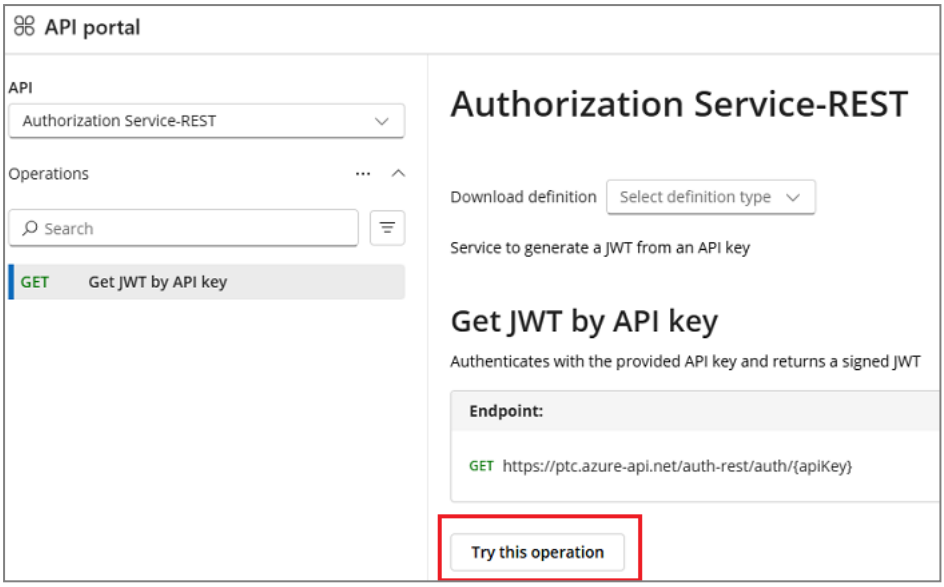
Your organization must already have an API key. Contact the PTC for more information.

Obtain an authorization token

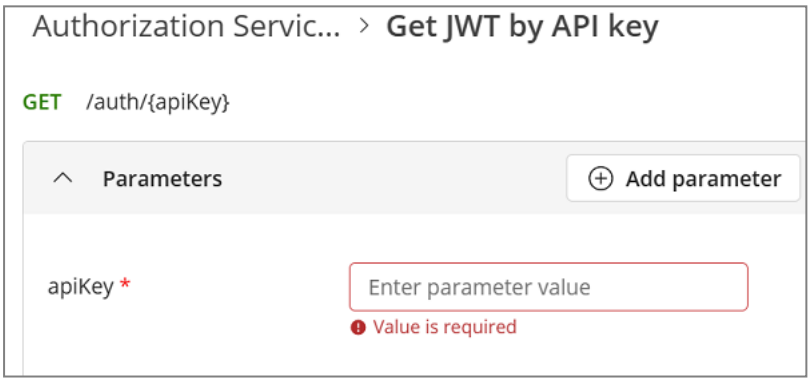
1. To access the testing portal, go to https://ptc.developer.azure-api.net/. To access the production portal, go to https://apiupu.developer.azure-api.net.
2. Click the **Explore APIs** button. A page listing the UPU APIs with their description is displayed.
3. To generate a token for making API calls, click the **Authorization Service-REST** link.



4. In the page that opens, click the **Try this operation** button.



5. Enter your organization's API key in the **apiKey** field.



If the **apiKey** field is not displayed, press **CTRL+F5** on your keyboard to refresh the page. This issue is due to a known limitation in the Azure platform.

6. Click **Send**.
7. Copy and paste the JWT value (without the quotation marks) from the response to a notepad or a document. With this token, you can now start calling any of the UPU APIs.

When calling the API endpoints from an external system, include the token as an **Authorization Bearer Token** in the header.