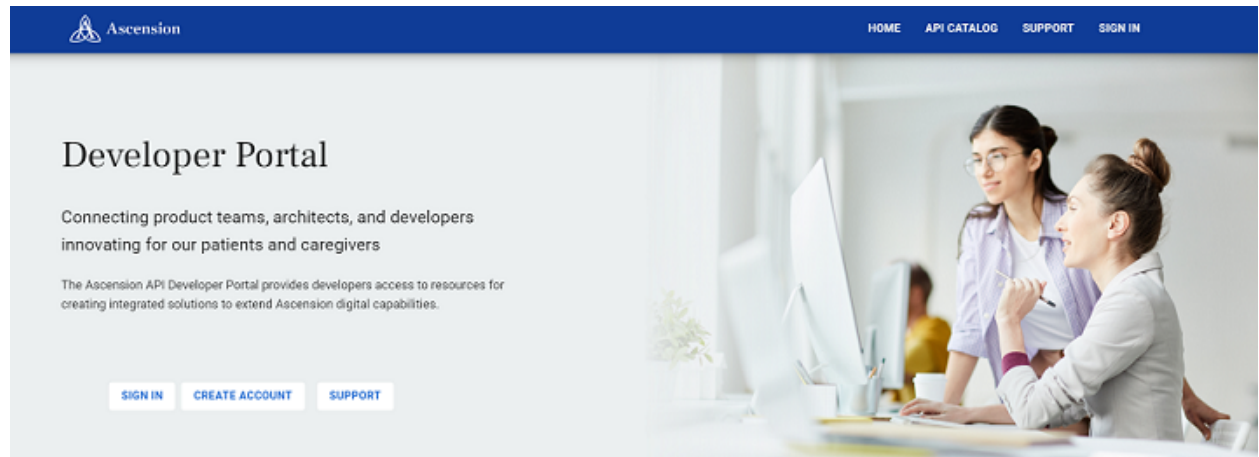


## To onboard an API to the Developer Portal:

1. On the [Developer Portal homepage](#), click the **SIGN IN** menu.



2. Click the **LOGIN WITH SAML** button on the *Sign in* page.

The image shows the Ascension Sign in page. At the top, there is the Ascension logo. Below it, the text "Sign in" is displayed in a large font. There are two input fields: "Email" and "Password". Below the input fields is a dark grey button labeled "SIGN IN". Underneath the button are two links: "Create an account" and "Reset password". Below these links is the word "OR" and a light grey button labeled "LOGIN WITH SAML".

3. On the *Ascension Sign In* page, enter your **domain\username** and **password**.

4. Click the **Sign in** button.



Please sign in using domain\username

Sign in

5. On the *Developer Portal* homepage, locate the **For API Developers (Producers) Onboard a New API to the API Catalog** section.
6. Click the **SUBMIT API PROPOSAL** button in *Step 1*.

FOR API DEVELOPERS (PRODUCERS)

## Onboard a New API to the API Catalog

1

### Submit an API Proposal

Onboarding an API to the API Catalog begins with the submission of an API Proposal. Information about an API such as the name, description, and Product Owner is included in an API Proposal. Once the API Proposal is submitted, the Platform Services team validates the information and requests additional information (if needed). API Proposals are approved within 48-72 hours.

SUBMIT API PROPOSAL

## 7. Complete the **API Proposal** form.

### API Proposal

An API Proposal is the first step in onboarding an API to the Developer Portal. It is used by the Platform Services team to evaluate an API and ensure the information provided meets the requirements for inclusion in the API Catalog. To start the onboarding process, complete the required fields then submit the API Proposal to the Platform Services team for review. Once the API Proposal is reviewed and approved by the Platform Services team, you will receive an email notification with instructions to complete the onboarding process. See the [Getting Started Guide for API Producers](#) for guidance on how to complete this form and the remaining steps in the onboarding process.

All fields are required

API Name	<input type="text" value="GettingStartedAPI"/>	Enter a name for the API to display as a title in the API Catalog. API names should only include letters, numbers, underscores, and dashes. Spaces are not allowed. Examples: GuideAPI, User-Profile-API, Guide_API
Description	<input type="text" value="Use this API to quickly onboard to the Developer Portal"/>	Enter a short description for the API to display as a subtitle in the API Catalog. Descriptions cannot exceed 204 characters. Example: Use this API to manage users, roles, and scopes for client applications
Project or Application Name	<input type="text" value="TestApplication"/>	Enter the name of the project or application that is associated with the API. Examples: HealthConnectPatientConsentAPI, Notification Service
Requestor	<input type="text" value="john.doe@ascension.org"/>	Enter your email address.
Product Owner	<input type="text" value="jane.test@ascension.org"/>	Enter the email address of the Product Owner or Product Manager for the API. A Product Owner manages the product backlog while a Product Manager identifies customer needs and drives program increment objectives.
Product Architect	<input type="text" value="josh.name@ascension.org"/>	Enter the email address of the Product Architect for the API. A Product Architect is responsible for the high-level design of a product.
Proxy Base Path	<input type="text" value="/member-test6"/>	Enter a unique prefix to append to the base URL of the API Proxy. A Proxy Base Path uniquely identifies the URI path used by a proxy host server to route requests to an API proxy. Example: In <code>https://dev-api.ascension.org/member-test4</code> , the base URL is <code>https://dev-api.ascension.org</code> and the proxy base path is <code>/member-test4</code> .
	<input checked="" type="checkbox"/> <b>Require custom proxy policies</b>	If custom proxy policies are needed, select the checkbox then enter a description of the custom proxy policies needed. Custom proxy policies add management capabilities such as security, access control, and rate limiting to an API preventing the need to code and maintain them separately. Security policies enable authentication, authorization, and content-based security. Access control policies support user verification and access to data and resources. Rate limiting policies enable request and response flow management through API proxies.
Description	<input type="text" value="Rate limiting is needed to protect against performance lags and downtime caused by the number of API requests received."/>	

**SEND**

Field	Description
API Name	Enter a name for the API to display as a title in the API Catalog. API names should only include letters, numbers, underscores, and dashes. Spaces are not allowed. Examples: GuideAPI, User-Profile-API, Guide_API
Description	Enter a short description for the API to display as a subtitle in the API Catalog. Descriptions cannot exceed 204 characters.
Project or Application Name	Enter the name of the project or application that is associated with the API. Examples: HealthConnectPatientConsentAPI, Notification Service
Requestor	Enter your email address.
Product Owner	Enter the email address of the <a href="#">Product Owner</a> or <a href="#">Product Manager</a> for the API.
Product Architect	Enter the email address of the <a href="#">Product Architect</a> for the API.
Proxy Base Path	Enter a unique prefix in the <a href="#">Proxy Base Path</a> field to append to the base URL of the <a href="#">API Proxy</a> . Example: In <a href="https://dev-api.ascension.org/member-test4">https://dev-api.ascension.org/member-test4</a> , the base URL is <a href="https://dev-api.ascension.org">https://dev-api.ascension.org</a> and the proxy base path is <a href="/member-test4">/member-test4</a> . The API proxy will be created later in the onboarding process.
Require custom proxy policies	If custom proxy policies such as access control, security, or rate limiting is needed, select the checkbox. If custom proxy policies are not needed, do not select the checkbox.
Description	If the Require custom proxy policies checkbox is selected, enter a description of the custom proxy policies needed.

8. Click the **SEND** button.
9. In the *Confirm Message* dialog, click the **CONFIRM** button.

## Confirm Message

Are you sure you want to submit your API Proposal?

CANCEL

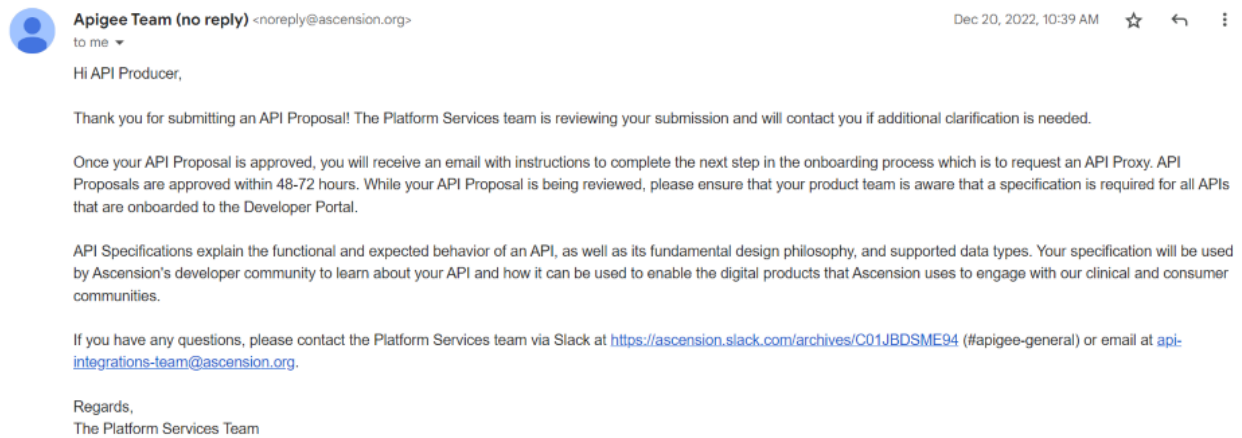
CONFIRM

10. On the *API Product Summary* page, a message displays confirming that the API Proposal form has been submitted to the Platform Services team for review.

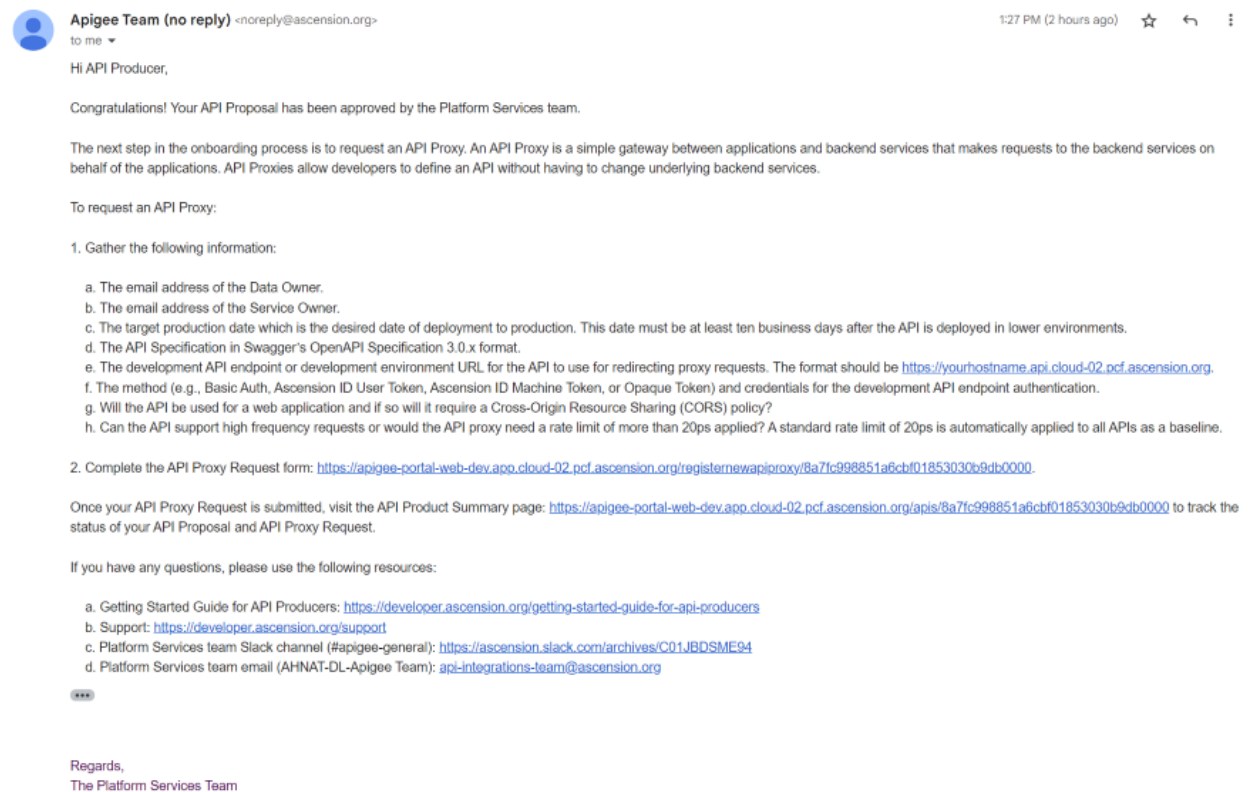
The screenshot displays the 'API Product Summary' page. At the top, a blue header contains the title 'API Product Summary'. Below the header is a light blue success message: 'Success! Your API Proposal for GettingStartedAPI has been submitted for review to the Platform Services team. API Proposals are approved within 48-72 hours. Check your email for instructions on how to complete the onboarding process.' The main content area is divided into two columns. The left column features the title 'GettingStartedAPI' with a purple underline, followed by the sub-section 'API'. Below this, a table lists details: 'Project/Application Name' (TestApplication), 'Base Path' (/member-test6), 'Requestor' (john.doe@ascension.org), 'Product Owner' (jane.test@ascension.org), and 'Product Architect' (josh.name@ascension.org). The right column contains a box for 'GettingStartedAPI' with the instruction 'Use this API to quickly onboard to the Developer Portal', and a 'Status' section showing 'API Proposal Initiated' with a progress indicator of five dots, the first of which is highlighted in purple. At the bottom left, there is an 'API Proxy' section with a description and a 'REQUEST API PROXY' button.

**NOTE:** The information from the API Proposal form is added to the API Product Summary page. There is also a Status section where you can track the progress of your API Proposal. The current status should be API Proposal Initiated.

11. Once the API Proposal is submitted, the Platform Services team will send a confirmation email to you, the Product Owner, and the Product Architect with the subject: *Request Confirmation to API Producer*. The team will then validate the information in the API Proposal and request additional information (if needed). API Proposals are approved within 48-72 business hours.



12. Once the API Proposal is approved, the Platform Services team will send you, the Product Owner, and the Product Architect a second email with steps to complete the onboarding process. Gather the **information listed in step 1** before proceeding.



Field	Description
Data Owner	The email address of the <a href="#">Data Owner</a> .
Service Owner	The email address of the <a href="#">Service Owner</a> .
Target Production Date	The target production date which is the desired date of deployment to production. This date must be at least ten business days after the API is deployed in lower environments.
API Specification	The <a href="#">API Specification</a> in Swagger's <a href="#">OpenAPI Specification 3.0.x</a> format. Click the <a href="#">API Specification Template</a> to automatically download an easy to use template for creating API Specifications.
API Dev Endpoint	The development API endpoint or development environment URL for the API to use for redirecting proxy requests. The format should be <a href="https://yourhostname.api.cloud-02.pcf.ascension.org">https://yourhostname.api.cloud-02.pcf.ascension.org</a> .
Authentication	The method and credentials for the development API endpoint authentication.
Cross-Origin Resource Sharing (CORS)	Will the API be used for a web application and if so will it require a <a href="#">Cross-Origin Resource Sharing (CORS)</a> policy?
Rate Limit	Can the API support high frequency requests or would the API proxy need a rate limit of more than 20ps applied? A standard rate limit of 20ps is automatically applied to all APIs as a baseline.

13. In the *email*, click the **API Proxy Request form** link.

## 14. On the *My APIs* page, complete the **API Proxy Request** form.


### API Proxy Request

An API Proxy request is the second step in onboarding an API to the Developer Portal. It is used to trigger the automated portion of the onboarding process where an API Proxy is created, deployed to development, and added to the API Catalog. An API Proxy acts as a gateway between an API and applications. It enables exposure of an API while maintaining its security and stability by shielding the API's backend services and making requests on behalf of the applications. To request an API Proxy, complete the required fields then submit the API Proxy Request. Once the request is submitted, you can track the status of the API Proxy on your API Product Summary page. See the [Getting Started Guide for API Producers](#) for guidance on how to complete this form and the remaining steps in the onboarding process.

All fields are required.

#### API Details


Verify the following information that was prefilled from your API Proposal.

API Name	apigee-GettingStartedAPI2	<b>apigee-GettingStartedAPI2</b> Use this API to quickly onboard to the Developer Portal
Project/Application Name	Ascension apigee-GettingStartedAPI2 API Family	
Requestor	 @ascension-external.org	
Product Owner	jane.test@ascension.org	
Product Architect	josh.name@ascension.org	


  

Data Owner	<input type="text" value="josh.name@ascension.org"/>	<a href="#">ADD DATA OWNER</a>
<small>Enter the email address of the Data Owner for the API. A Data Owner is responsible for the integrity of data returned by an API in response to a request.</small>		
Service Owner	<input type="text" value="jane.test@ascension.org"/>	<a href="#">ADD SERVICE OWNER</a>
<small>Enter the email address of the Service Owner for the API. The Service Owner is responsible for the stability of an API. Typically, the Service Owner is the same as the Product Owner.</small>		

Target Production Date	<input type="text" value="02/10/2023"/>	
<small>Select the production deployment date for the API. The production deployment date must be at least 10 business days after the API is deployed in lower environments.</small>		

API Specification	<input type="text" value="test.yaml"/>	 <a href="#">BROWSE FILES</a>
<small>Upload an API Specification (YAML file) that follows Swagger's OpenAPI Specification 3.0.x format to display in the API Catalog.</small>		



## API Proxy Details

Requests sent from applications to the Proxy Request Path are routed by the API Proxy to the endpoint of your API.

Proxy Base Path

/member-test7

Dev

Proxy Request Path <https://dev-api.ascension.org/member-test7/> +

API Dev Endpoint

Enter the development environment URL for the API. Example:  
<https://yourhostname.api.cloud-02.pcf.ascension.org>

[BASIC AUTH](#) [ASCENSION ID USER TOKEN](#) [ASCENSION ID MACHINE TOKEN](#) [OPAQUE TOKEN](#)

Ascension ID QA  
Client ID/Audience  
Claim

[ADD DEV ENDPOINT](#)

## Integrations and Policies

Select the checkboxes if the API will be used for a web application and a higher rate limit is needed. A standard rate limit of 20ps is automatically applied to all APIs as a baseline. If integrations and policies are not needed, do not select the checkboxes.

API will be used for a web application (CORS policy will be included in proxy)

Enable a rate limit higher than 20ps

Notes or Special Instructions  
optional

Enter additional information that may be helpful to the Platform Services team such as the desired rate limit for your API if more than 20ps is needed.

[SEND](#)

[SAVE](#)

Field	Description
API Details	Verify the API Name, Project/Application Name, Requestor, Product Owner, and Product Architect information.
Data Owner	Enter the email address of the <a href="#">Data Owner</a> .

Service Owner	Enter the email address of the <a href="#">Service Owner</a> .
Target Production Date	Select the production deployment date for the API. The production deployment date must be at least ten business days after the API is deployed in lower environments.
API Specification	Upload an <a href="#">API Specification</a> (YAML file) that follows Swagger's <a href="#">OpenAPI Specification 3.0.x</a> format to display in the API Catalog. Click the <a href="#">API Specification Template</a> to automatically download an easy to use template for creating API Specifications.
Proxy Request Path	Verify the <a href="#">Proxy Base Path</a> appended to the base URL. Example: In <a href="https://dev-api.ascension.org/member-test4">https://dev-api.ascension.org/member-test4</a> , the base URL is <a href="https://dev-api.ascension.org">https://dev-api.ascension.org</a> and the proxy base path is <a href="#">/member-test4</a> . The <a href="#">Proxy Request Path</a> is used by the proxy host server to route requests to the API.
API Dev Endpoint	Enter the development environment URL for the API. Example: <a href="https://yourhostname.api.cloud-02.pcf.ascension.org">https://yourhostname.api.cloud-02.pcf.ascension.org</a>
Select the type of <a href="#">authorization</a> needed to access the API Dev Endpoint. Authorization is required.	<a href="#">Basic Auth</a> : Select then enter the username and password required to access the endpoint. <a href="#">Ascension ID User Token</a> : Select then enter the Ascension ID QA Client ID. <a href="#">Ascension ID Machine Token</a> : Select then enter the Ascension ID QA Client ID. <a href="#">Opaque Token</a> : Select then enter the Ascension ID QA Client ID.
Add Dev Endpoint	Click the Add Dev Endpoint button to add additional development environment URLs for the API, if needed.
Integrations and Policies	Select the checkboxes if the API will be used for a web application and a higher rate limit is needed. A standard rate limit of 20ps is automatically

	applied to all APIs as a baseline. If integrations and policies are not needed, do not select the checkboxes.
Notes or Special Instructions	Enter additional information that may be helpful to the Platform Services team.

15. Click the **SEND** button to submit the API Proxy Request or the **SAVE** button to save the form for completion at a later time.
16. In the *Confirm Message* dialog, click the **CONFIRM** button.

## Confirm Message

Are you sure you want to submit your API Proxy Request?



17. On the *API Product Summary* page, a message displays confirming that the API Proxy Request has been submitted to the Platform Services team for processing. Once processing is complete, the API Proxy will be deployed to development. API Proxies are deployed to development fifteen minutes after requests are submitted.
18. Verify the **information** on the *API Product Summary* page.

19. Check the **status** of the API Proposal. The status should be *API Proposal Processing* which means the [automated portion](#) of the onboarding process has begun.

## API Product Summary

Success! Your API Proxy Request for apigee-GettingStartedAPI2 has been submitted to the Platform Services team for processing. Once processing is complete, the API Proxy will be deployed to DEV. API Proxies are deployed to DEV 15 minutes after requests are submitted.

### apigee-GettingStartedAPI2

Use this API to quickly onboard to the Developer Portal

Status  
API Proposal Processing

**API**

Project/Application Name: TestApplication2  
Base Path: /member-test7  
Requestor: [redacted]@ascension-external.org  
Product Owner: jane.test@ascension.org  
Product Architect: josh.name@ascension.org  
Data Owner: [redacted]@ascension-external.org  
Service Owner: [redacted]@ascension-external.org  
Target Production Date: Feb 10, 2023, in 11 days  
API Specification: [DOWNLOAD API SPECIFICATION](#)

**API Proxy**

Dev  
QA  
UAT  
Prod

To test the proxy you will need API Key and Secret. Request them by providing your API name and endpoint to [api-integrations-team@ascension.org](mailto:api-integrations-team@ascension.org) or **#apigee-general** slack channel.

Used for Web Application:  No  
Enable rate limit of 20ps:  No

To test the proxy you will need API Key and Secret. Request them by providing your API name and endpoint to [api-integrations-team@ascension.org](mailto:api-integrations-team@ascension.org) or **#apigee-general** slack channel.

Notes and Special Instructions

[back to top](#)

## Automated Onboarding Process

Once the API Proxy request is submitted by the Producer and their API Proposal is processing, the automated portion of the onboarding process begins. During the automated portion, the system creates a GitHub repository for the API and a Jenkins pipeline is triggered. The GitHub repository and Jenkins pipeline are needed to build and deploy the API Proxy.

**NOTE:** No action is needed from Producers during the automated onboarding process. The GitHub repository and Jenkins pipeline are created automatically by the system.

## Congratulations

Once the build is complete in Jenkins, navigate to the **API Product Summary** page. The status of your API Proposal is API Proxy Deployed which means that your API Proxy has been deployed to the development environment for the Developer Portal.

### API Product Summary

**apigee-NewGettingStartedAPI**

API

Project/Application Name	GettingStartedApplication
Base Path	/getting-started
Requestor	[redacted]@ascension-external.org
Product Owner	[redacted]@ascension-external.org
Product Architect	[redacted]@ascension-external.org
Data Owner	[redacted]@ascension-external.org
Service Owner	[redacted]@ascension-external.org
Target Production Date	Mar 13, 2023, in 33 days
API Specification	<a href="#">DOWNLOAD API SPECIFICATION</a>

**apigee-NewGettingStartedAPI**  
If you are a Producer, use this API to quickly onboard to the Developer Portal.

Status  
**API Proxy Deployed**

Feb 2, 2023, 6:40 PM  
Proposal submitted by [redacted]@ascension-external.org

Feb 2, 2023, 6:46 PM  
Proposal approved by admin

Feb 2, 2023, 7:04 PM  
The proposal is being processed

Feb 2, 2023, 7:04 PM  
Proposal Deployed

Congratulations! You have successfully onboarded your API to the Developer Portal.

# API Proxy Promotion

Once an API Proxy is deployed to the development environment, it can be promoted to the QA, UAT, and production environments. The following process must be completed by Producers for an API Proxy each time promotion is needed to a higher level environment.

To promote an API Proxy:

1. On the *API Product Summary* page, click the Promote Proxy button in the *API Proxy* section.

The screenshot shows the 'API Proxy' configuration page. At the top, there is a 'Dev' environment selector. Below it, a table displays the 'Proxy Request Path' and 'API Dev Endpoint', both pointing to 'https://dev-api.ascension.org/getting-started'. Further down, there are sections for 'Authorization Methods' and 'Integrated with Ascension ID'. Below these are three more environment selectors: 'QA', 'UAT', and 'Prod'. A blue 'PROMOTE PROXY' button is visible. Below the button, there are two toggle switches: 'Used for Web Application' (set to 'No') and 'Enable rate limit of 20ps' (set to 'No'). At the bottom, there is a section for 'Notes and Special Instructions' with a text area.

API Proxy

Dev

Proxy Request Path	API Dev Endpoint
<a href="https://dev-api.ascension.org/getting-started">https://dev-api.ascension.org/getting-started</a>	<a href="https://dev-api.ascension.org/gettingstarted">https://dev-api.ascension.org/gettingstarted</a>

Authorization Methods

Integrated with Ascension ID

QA

UAT

Prod

To test the proxy you will need API Key and Secret.  
Request them by providing your API name and endpoint to [api-integrations-team@ascension.org](mailto:api-integrations-team@ascension.org) or **#apigee-general** slack channel.

**PROMOTE PROXY**

Used for Web Application  No

Enable rate limit of 20ps  No

To test the proxy you will need API Key and Secret.  
Request them by providing your API name and endpoint to [api-integrations-team@ascension.org](mailto:api-integrations-team@ascension.org) or **#apigee-general** slack channel.

Notes and Special Instructions

2. On the *MY APIs* page, enter the QA Endpoint for the API in the *API QA Endpoint* field of the *Proxy Details* section. The endpoint must be in the format: *https://yourhostname.api.cloud-02.pcf.ascension.org*.

## My APIs

### API Proxy Request

A Proxy is a program that acts as a gateway to your API. It helps "expose" your API to other applications. It is created automatically but gets deployed and tested across environments, just like your API. A Proxy helps keep your API secure and stable.

All fields are required.

#### API Details

API Name	apigee-NewGettingStartedAPI
Description	/getting-started
Project/Application Name	Ascension apigee-NewGettingStartedAPI API Family
Requestor	[redacted]@ascension-external.org
Product owner	[redacted]@ascension-external.org
Product architect	[redacted]@ascension-external.org
Data owner	[redacted]@ascension-external.org
Service owner	[redacted]@ascension-external.org
Target production date	3/13/2023

**apigee-NewGettingStartedAPI**  
If you are a Producer, use this API to quickly onboard to the Developer Portal.

#### Proxy Details

Requests sent to the proxy request path are routed by the proxy to the end point of your API.

Proxy Base Path	/getting-started
<b>QA</b>	
Proxy Request Path	https://qa-api.ascension.org/getting-started/
API QA Endpoint	<input type="text" value="https://qa-api.ascension.org/getting"/>
	Example: https://yourhostname.api.cloud-02.pcf.ascension.org
NoAuth	

**SEND**

3. Click the **SEND** button.

4. In the *Confirm Message*, click the CONFIRM button.

## Confirm Message

Are you sure you want to submit your API Proxy promotion?



5. On the *API Product Summary* page, a message displays confirming the API Proxy promotion was submitted successfully. API Proxy promotions are processed within 15 minutes.

The screenshot shows the "API Product Summary" page. At the top, there is a blue header with the title "API Product Summary". Below the header is a light blue notification bar with a green checkmark icon and the text: "Success! Your API Proxy promotion was submitted successfully. API Proxy promotions are processed within 15 minutes." The main content area is white. On the left, there is a section for "apigee-NewGettingStartedAPI" with a sub-section for "API". Below this, there is a table of metadata:

Project/Application Name	GettingStartedApplication
Base Path	/getting-started
Requestor	[redacted]@ascension-external.org
Product Owner	[redacted]@ascension-external.org
Product Architect	[redacted]@ascension-external.org
Data Owner	[redacted]@ascension-external.org
Service Owner	[redacted]@ascension-external.org
Target Production Date	Mar 13, 2023, in 33 days

At the bottom left, there is a link for "API Specification" with a "DOWNLOAD API SPECIFICATION" button. On the right side, there is a summary card for "apigee-NewGettingStartedAPI" with the text: "If you are a Producer, use this API to quickly onboard to the Developer Portal." Below this card is a "Status" section titled "API Promotion Processing" with a progress indicator showing four steps, with the first three completed and the fourth in progress.

6. Once the API Proxy promotion is complete, the status on the *API Product Summary* page is updated to API Promotion Completed.
7. Repeat steps 1 - 4 to promote the API Proxy to UAT then repeat again to promote it to production.

Once an API Proxy promotion is successfully submitted, the status of the deployment can be viewed on the API Product Summary page. If an API Proxy is deployed to development, then promoted to QA, UAT, and production, the Dev, QA, UAT, and Prod drop-downs will be enabled. In the example image below, the API Proxy has been deployed to development and



promoted to QA, so the Dev and QA drop-downs are enabled on the API Product Summary page.

API Proxy

Dev

QA

Proxy Request Path	API QA Endpoint
<a href="https://qa-api.ascension.org/getting-started">https://qa-api.ascension.org/getting-started</a>	<a href="https://qa-api.ascension.org/getting">https://qa-api.ascension.org/getting</a>

Authorization Methods

Integrated with Ascension ID

UAT

Prod

To test the proxy you will need API Key and Secret.  
Request them by providing your API name and endpoint to [api-integrations-team@ascension.org](mailto:api-integrations-team@ascension.org) or **#apigee-general** slack channel.

Used for Web Application  No

Enable rate limit of 20ps  No

To test the proxy you will need API Key and Secret.  
Request them by providing your API name and endpoint to [api-integrations-team@ascension.org](mailto:api-integrations-team@ascension.org) or **#apigee-general** slack channel.

Notes and Special Instructions