



TGH

Making Integrations Simpler

boomi
Partner



Implement Api-Key Controlled Authentication in Boomi

Author
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Implement API-KEY Controlled Authentication in Boomi

In this blog, we will see how to implement API-KEY-controlled authentication in Boomi

What is meant by API KEY?

An application programming interface (API) key is a code used to identify and authenticate an application or user. API keys are available through platforms, such as a white-labelled internal marketplace. They also act as a unique identifier and provide a secret token for authentication purposes.

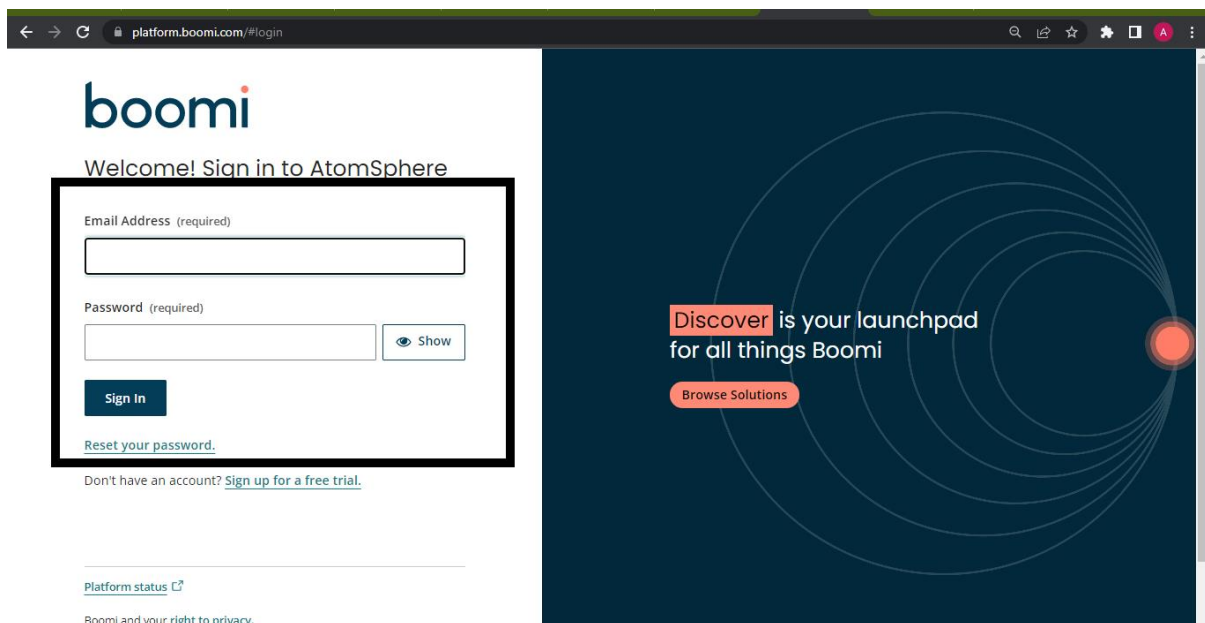
An API key is passed by an application, which then calls the API to identify the user, developer, or program attempting to access a website. It can help break development silos and will typically be accompanied by a set of access rights that belong to the API the key is associated with.

Why Use API Keys

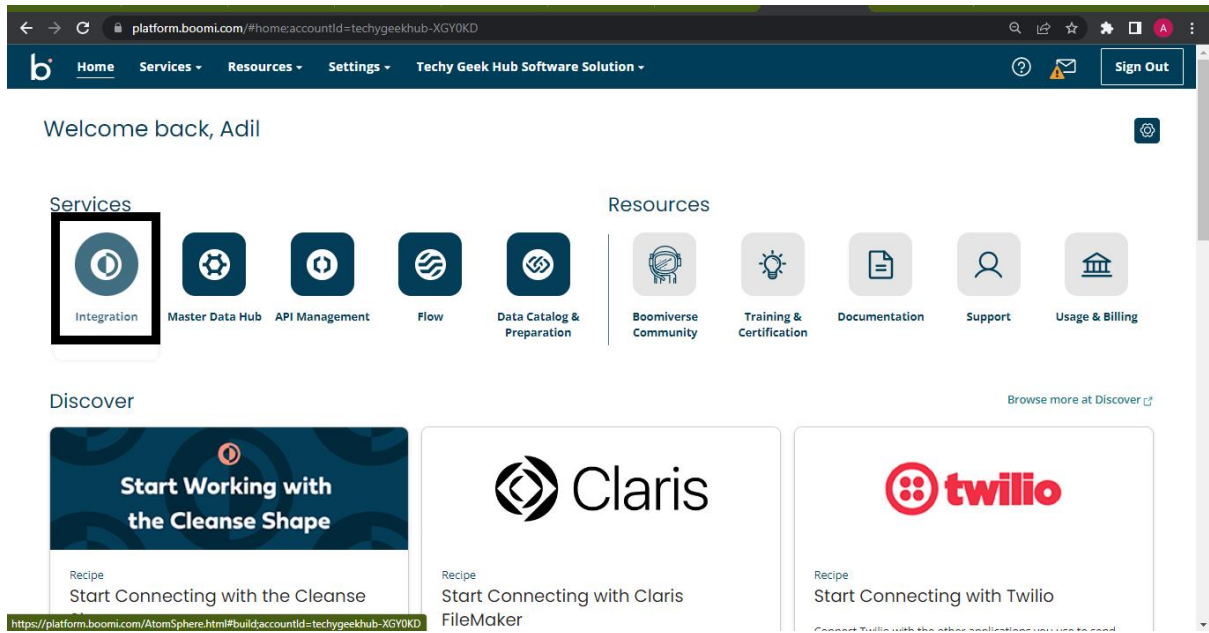
API keys are commonly used to control the utilization of the API's interface and track how it is being used. This is often as a precaution to prevent abuse or malicious use.

In this use case, We will see how to expose an API having API-KEY-Controlled authentication in Boomi

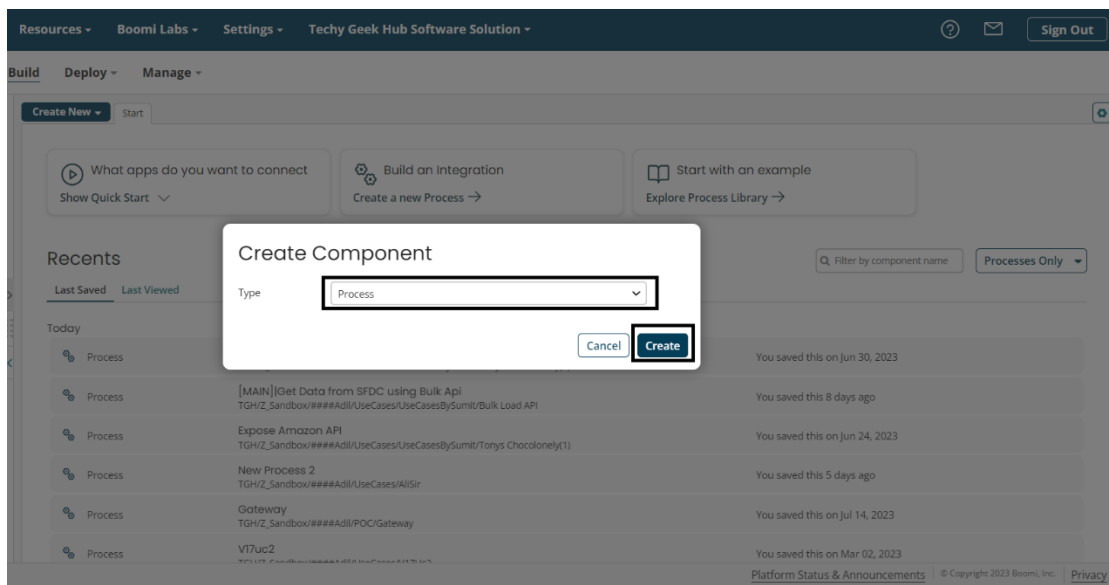
Step 1: Now, log onto the Boomi platform (<https://platform.boomi.com/>) with the required credentials i.e. Email Address and Password.



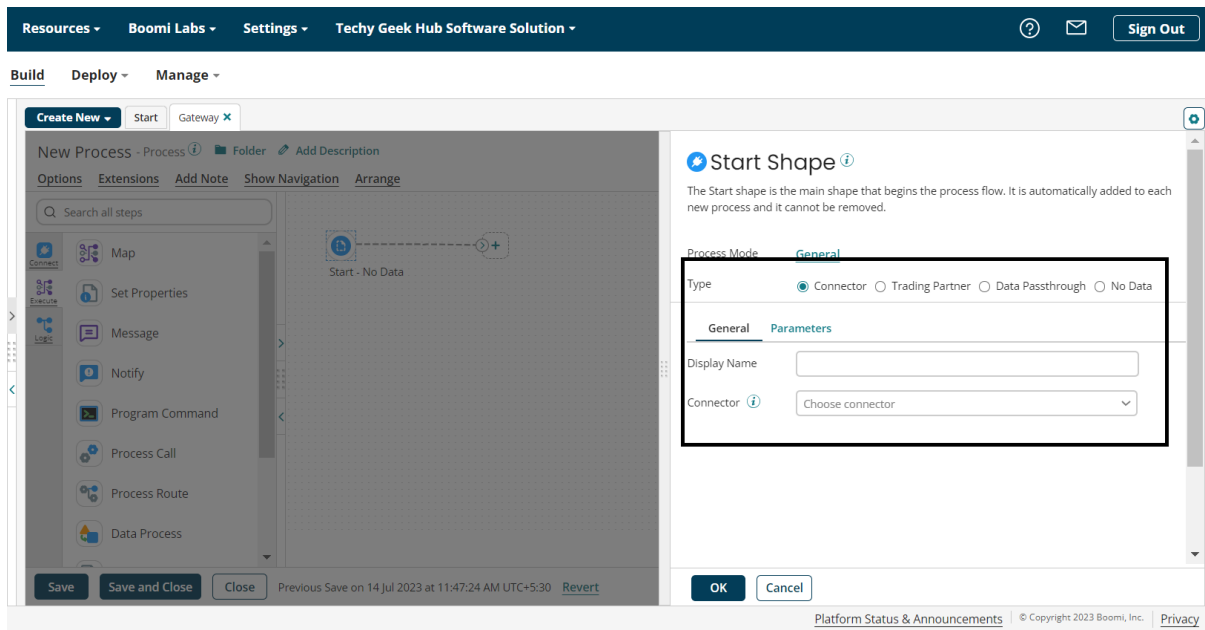
Step 2: Now Click on Integration



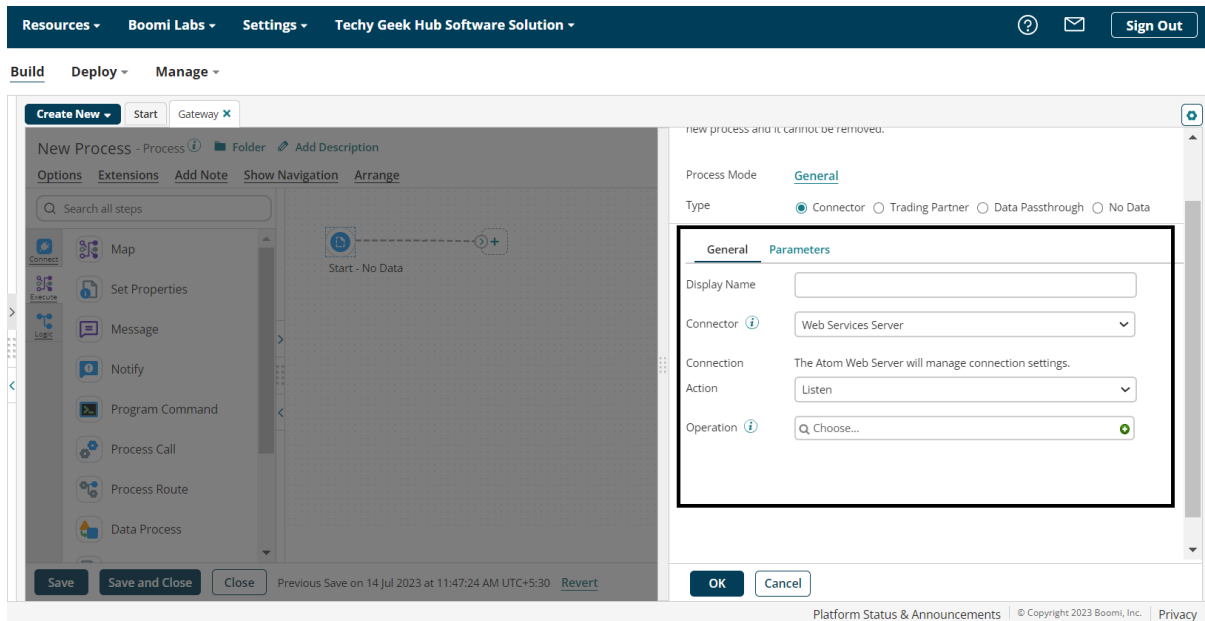
Step 3: Create a Component



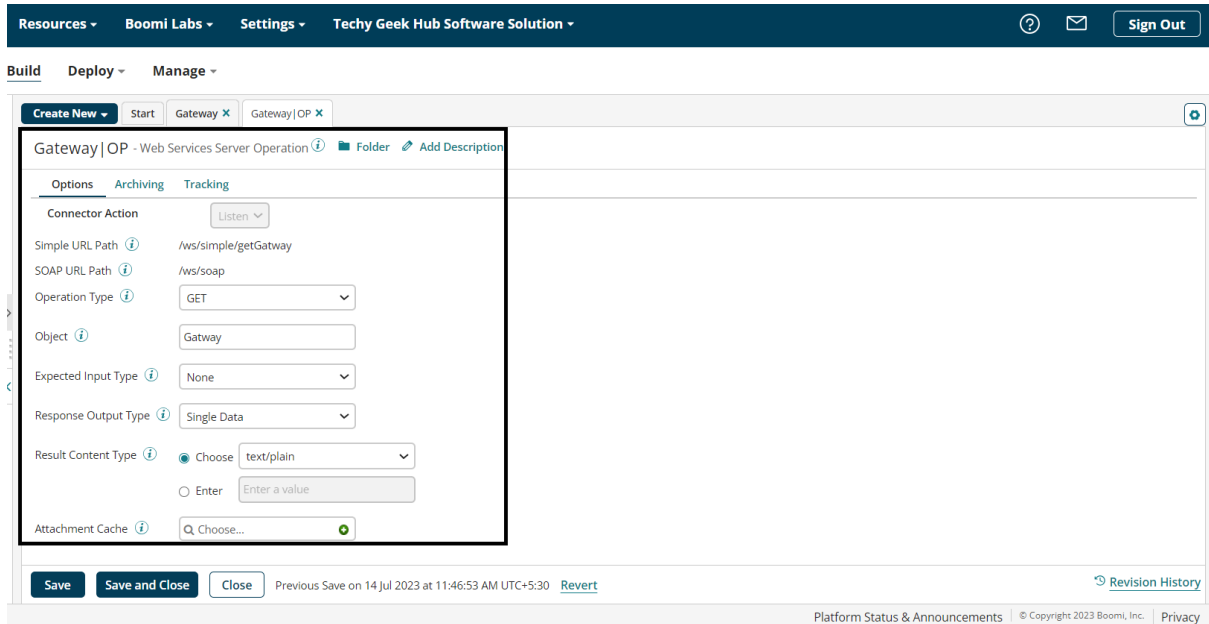
Step 4: Choose a start shape of connector type.



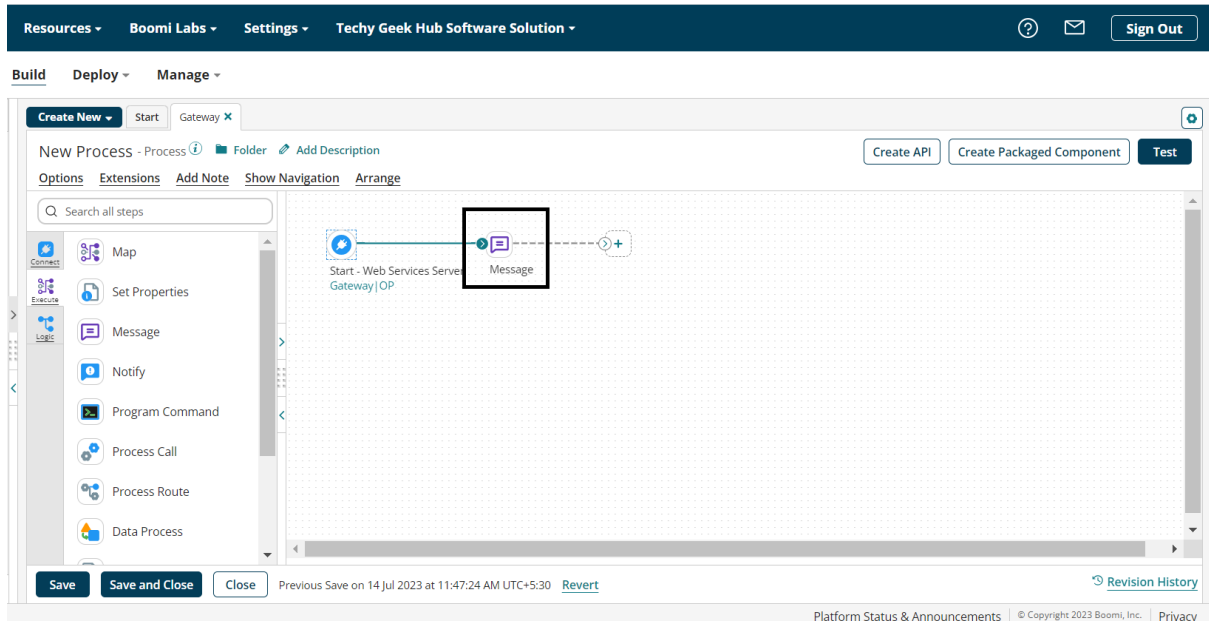
Step 5: Choose Web Services Server as Connector, because we are exposing an API.



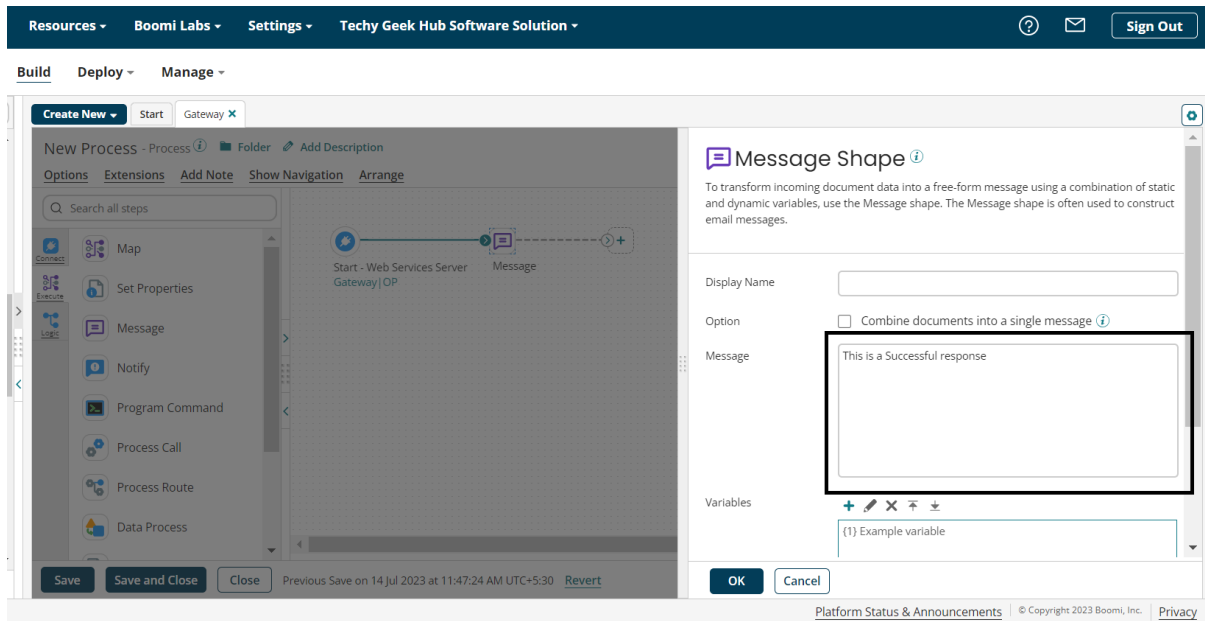
Step 6: Click on Operations, Give Operation a name, choose operation type, give a value to object and we are choosing the response output type as Single Data.



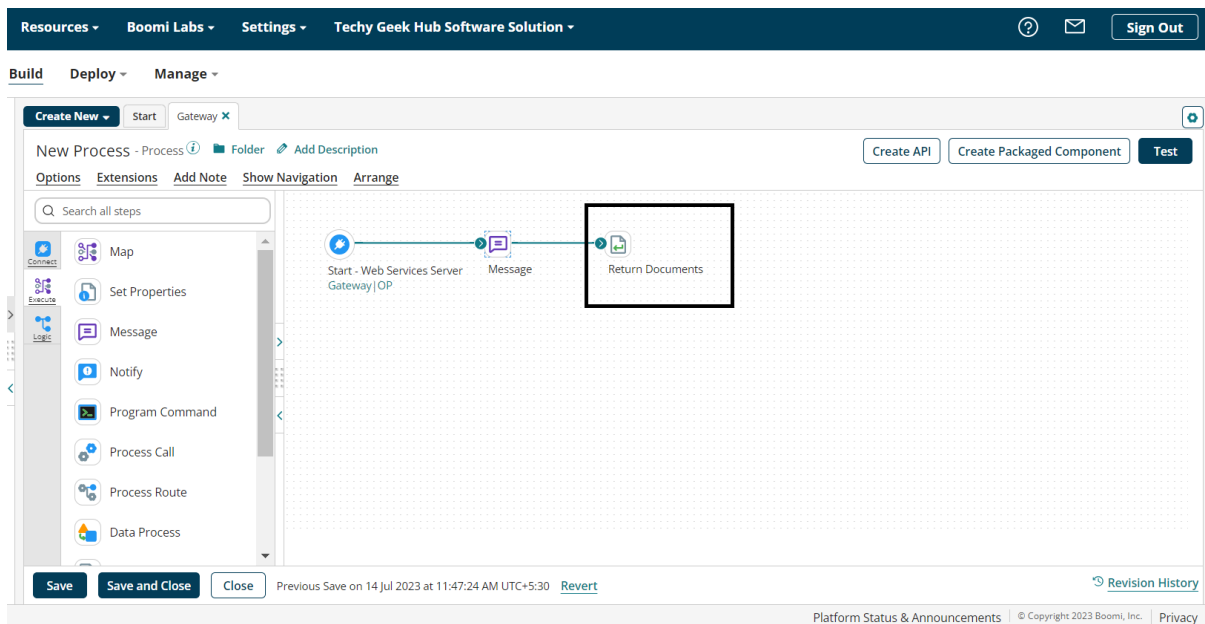
Step 7: Here, we have taken a message shape to get a response as Single Data.



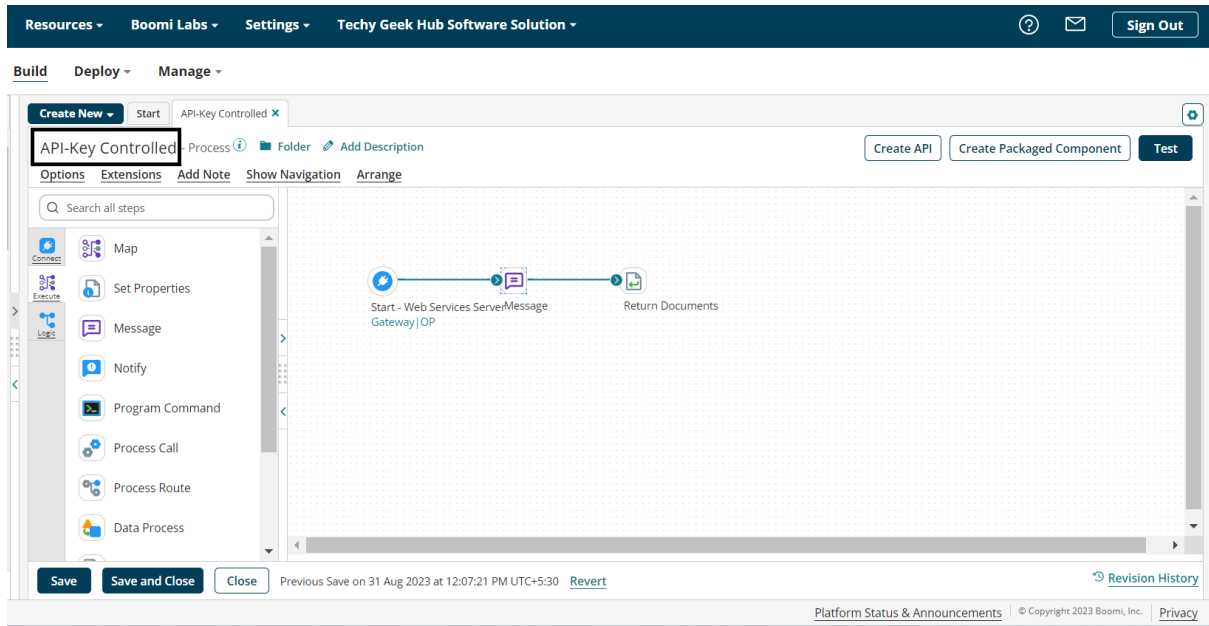
Step 8: Inside Message Shape We will write a message just to get a response as we have written here.



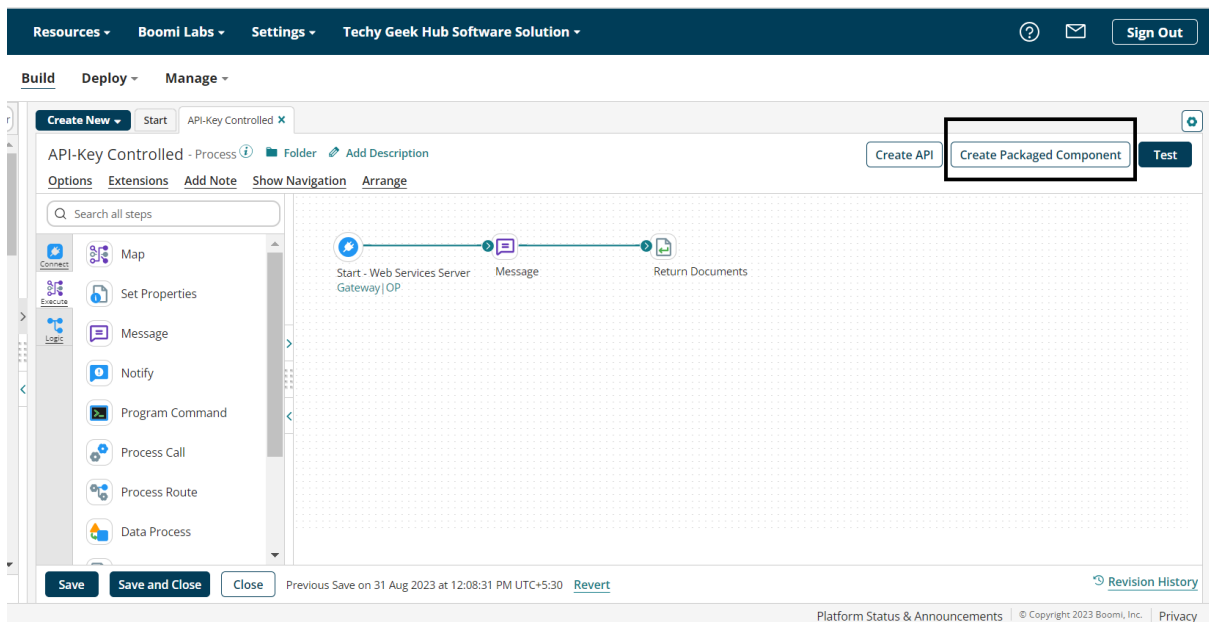
Step 9: After configuring the message shape we will attach a return document shape with it to get the response.



Step 10: We will give a name to our process.



Step 11: Now we have to package this component by clicking on create package component.



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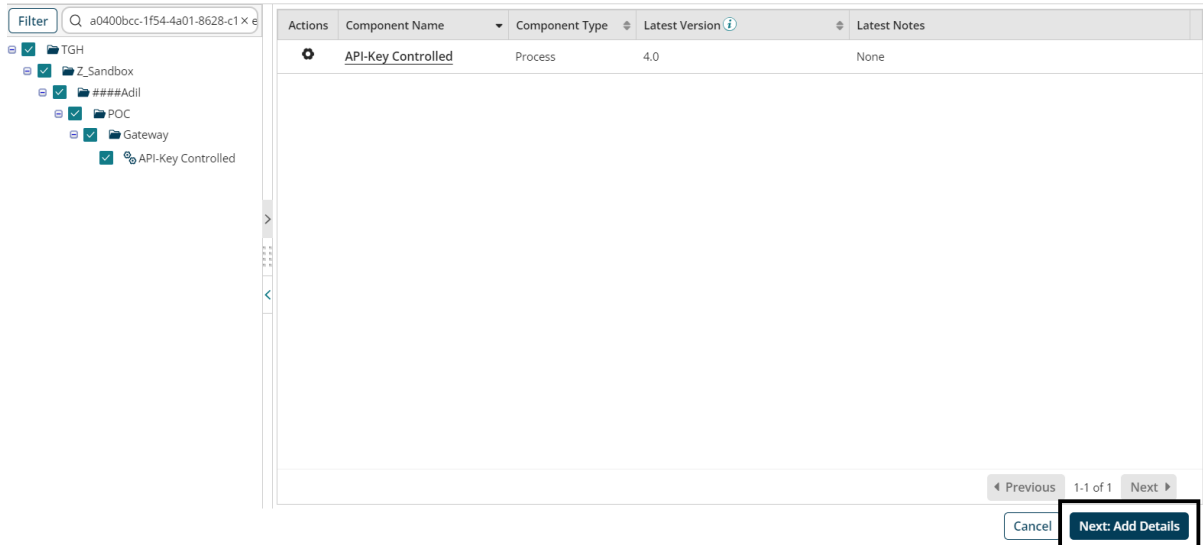
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Step 12: Now click on Add details

Create Packaged Components: Select Components

Select one or more deployable components from the Component Explorer to create a packaged component of each selection. Although you can select multiple components to package at one time, each selected component results in its own individual version to be deployed independently. If the selected component was packaged previously, details of the latest packaged component version appear to the right.



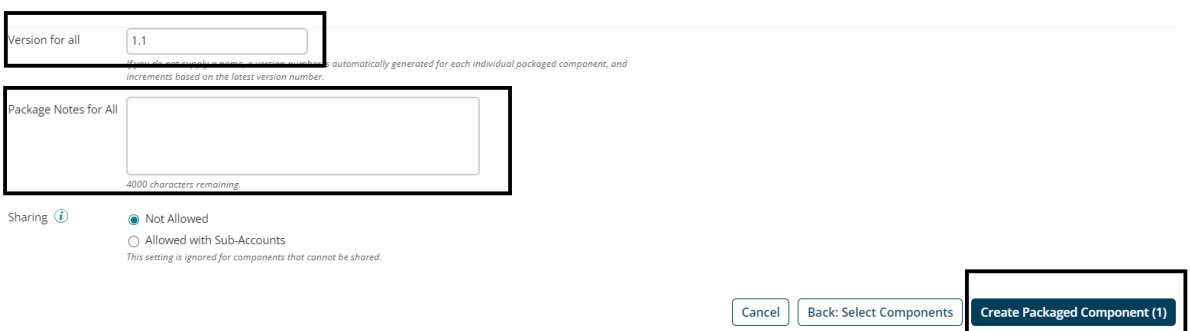
Actions	Component Name	Component Type	Latest Version	Latest Notes
	API-Key Controlled	Process	4.0	None

Step 13: Now click on create package component, We can also give version number and package notes.

Create Packaged Components: Add Details

Optionally apply details to the newest version of your packaged components. When you have multiple packaged components selected at one time, the details you specify are applied in bulk to all selected components, though each selected component results in its own individual version.

Component Name	Latest Version	Latest Notes	Action
API-Key Controlled	4.0	None	View Included Components



Version for all:

If you do not supply a version number, it is automatically generated for each individual packaged component, and increments based on the latest version number.

Package Notes for All:

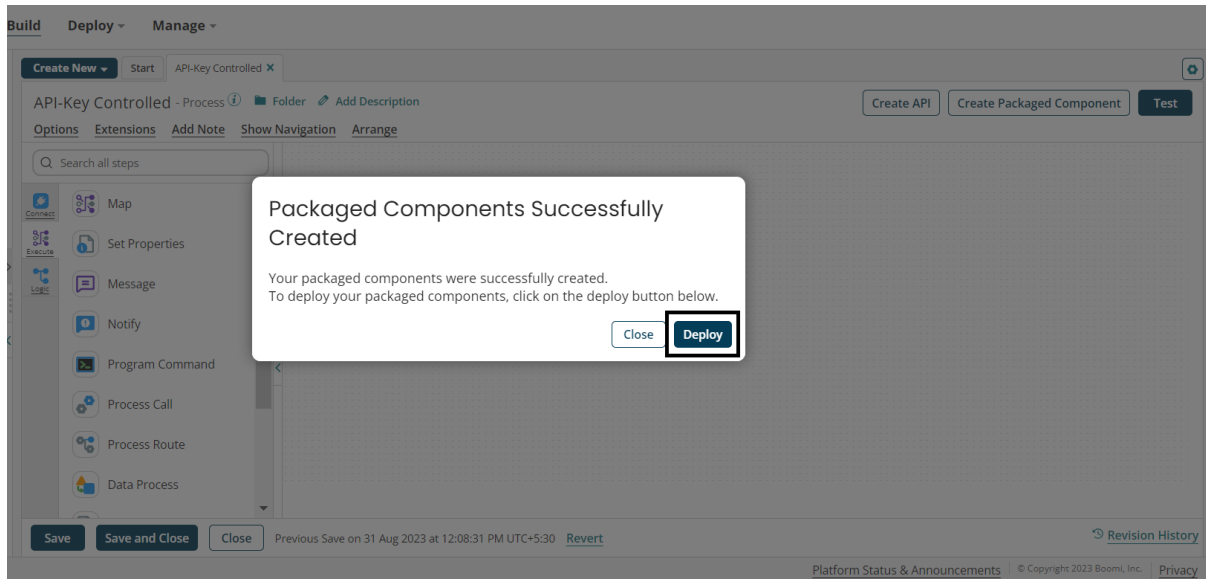
4000 characters remaining.

Sharing

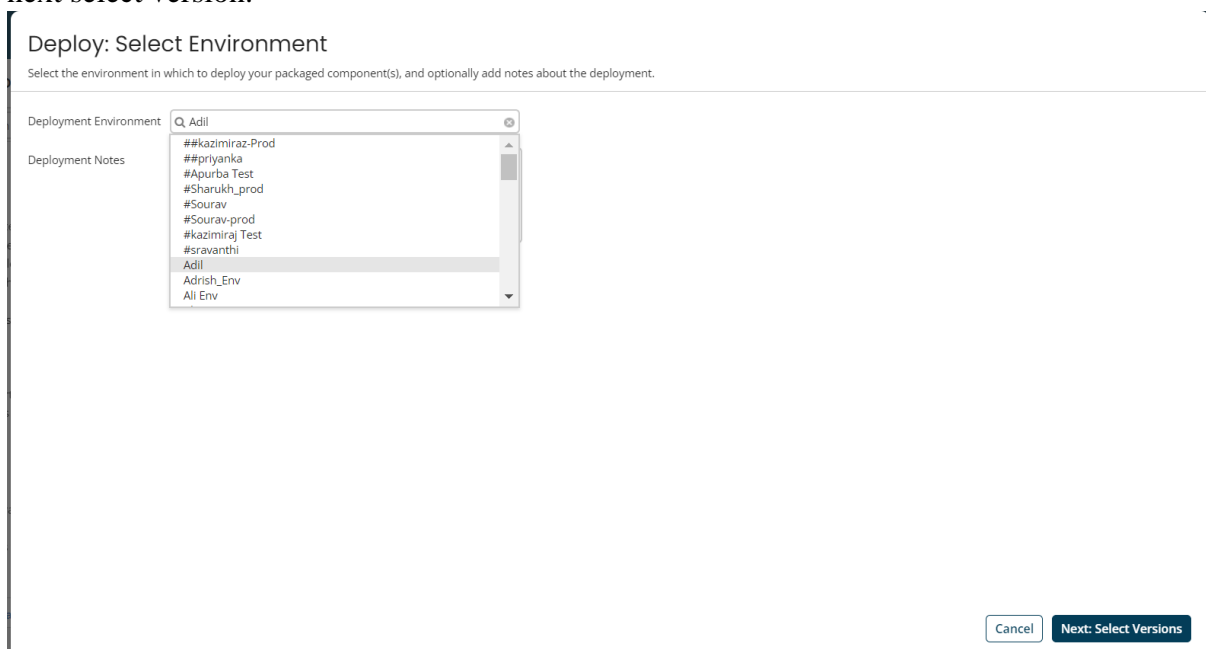
Not Allowed
 Allowed with Sub-Accounts
This setting is ignored for components that cannot be shared.

Buttons: Cancel, Back: Select Components, **Create Packaged Component (1)**

Step 14: After that we get a Pop-up to deploy the Process and we have to click on deploy.



Step 15: After that we have to Select an environment where our atom is attached and click on next select version.



Step 16: After that we have to click on next review.

Deploy: Select Packaged Components
 Environment: Adil | Deployment Notes:
 Select one or more packaged components from the Component Explorer. By default, the latest version of each packaged component is selected. Packaged components can be created from the [Packaged Components](#) page. You can deploy a maximum of 250 packaged components at one time.

Filter: a0400bcc-1f54-4a01-8628-c1 × e

- TGH
 - Z_Sandbox
 - ###Adil
 - POC
 - Gateway
 - API-Key Controlled

Actions	Name	Type	Selected Version	Deployed Version
	API-Key Controlled	Process	1.1 View details Select different package	4.0 View details

Buttons: Cancel | Back: Select Environment | **Next: Review**

Step 17: After that click on deploy.

Deploy: Review

You're almost done! Before deploying this version of your packaged component, confirm that the destination environment you have selected is correct.

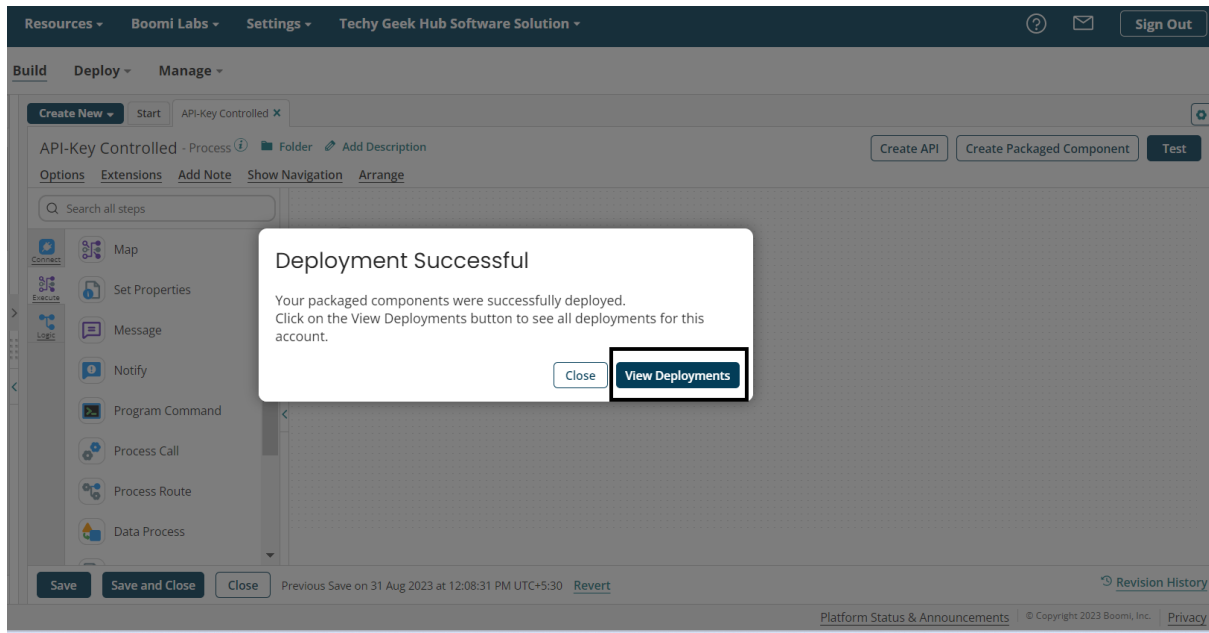
Environment: Adil
 Deployment Notes:

Name	Type	Selected Version	Deployed Version	Duplicate ⓘ
API-Key Controlled	Process	1.1	4.0	—

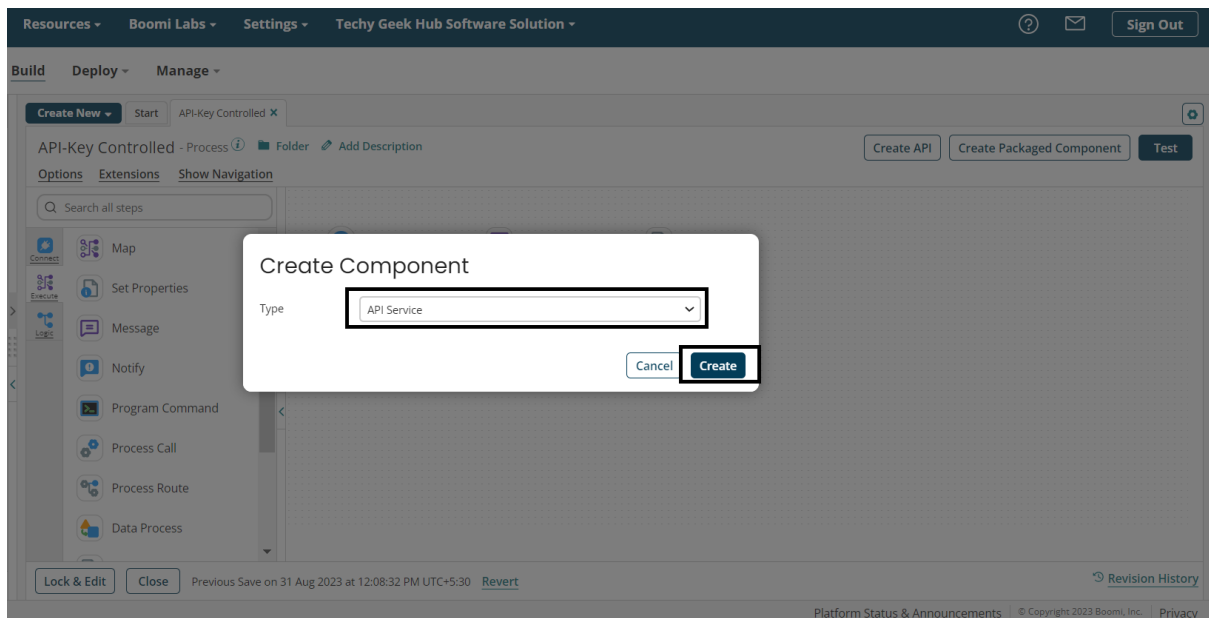
Navigation: < Previous | 1-1 of 1 | Next >

Buttons: Cancel | Back: Select Versions | **Deploy**

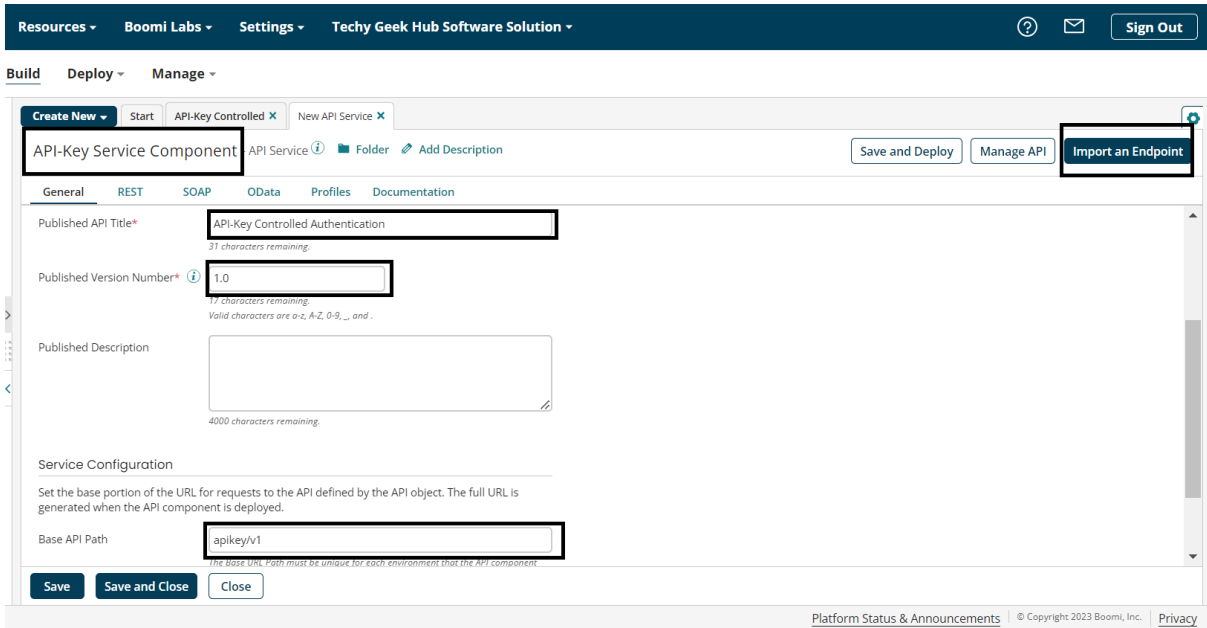
Step 18: After that a pop-up will come view deployment by clicking on it we can see our deployed component.



Step 19: Now that our API has been exposed, we have to use API Service Component and Gateways to give an API-KEY-Controlled authentication. In this step, we will configure the API Service Component, in component type we will choose API Service and click on create.

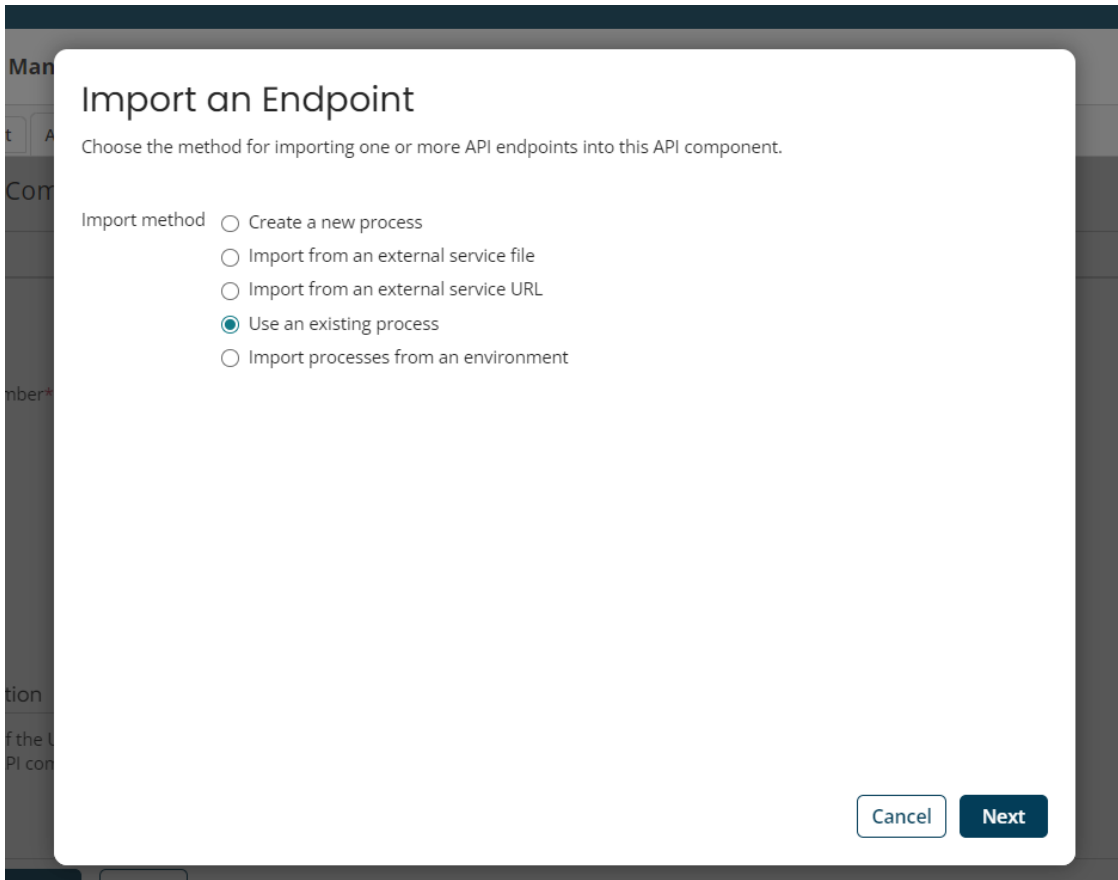


Step 20: After that we have to give a name to our API Service component and Published API title, version number and base API path and then click on Import an Endpoint.



The screenshot shows the 'API-Key Service Component' configuration page. The 'Published API Title' field contains 'API-Key Controlled Authentication' (31 characters remaining). The 'Published Version Number' field contains '1.0' (17 characters remaining). The 'Base API Path' field contains 'apikey/v1'. The 'Import an Endpoint' button is highlighted with a red box.

Step 21: Choose use an existing process and click on next.

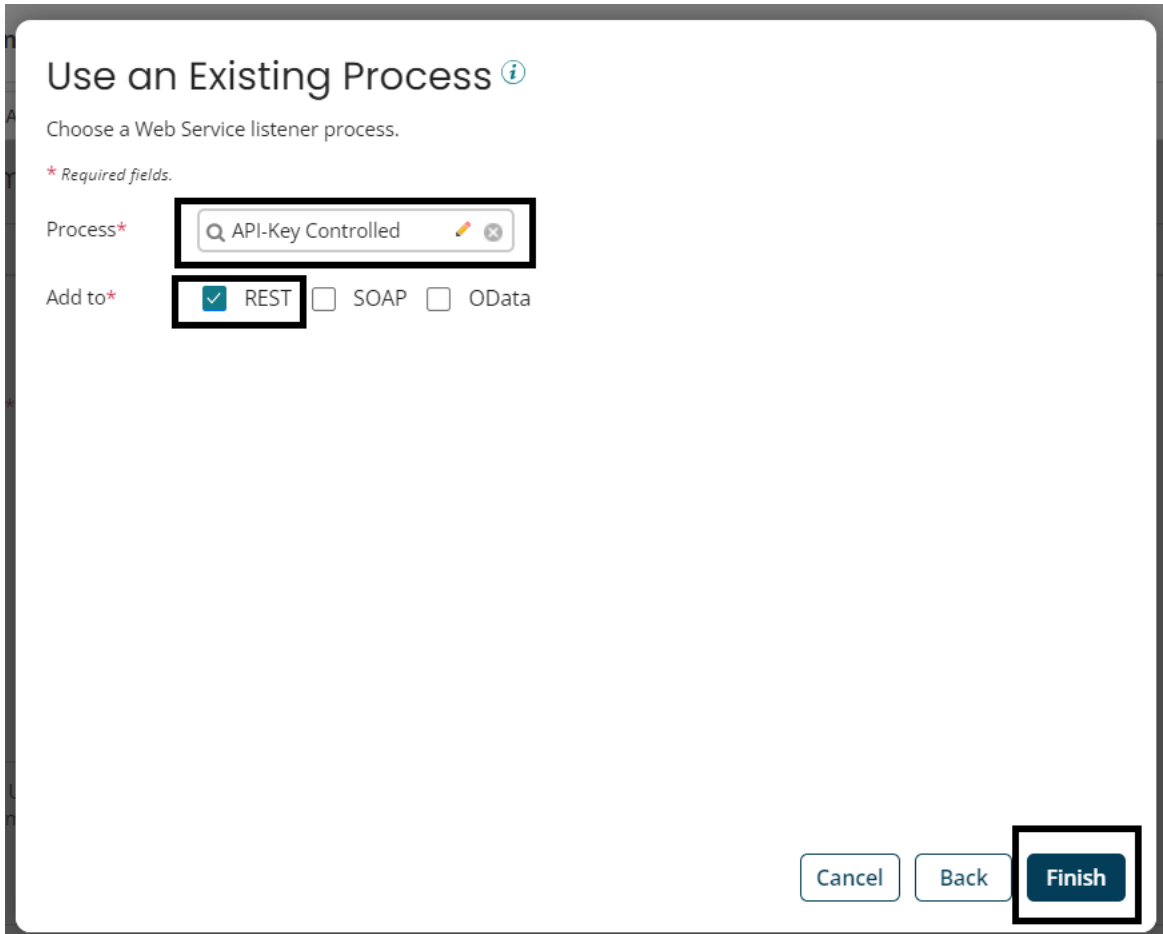


The 'Import an Endpoint' dialog box is shown. It asks to 'Choose the method for importing one or more API endpoints into this API component.' Under 'Import method', the following options are listed:

- Create a new process
- Import from an external service file
- Import from an external service URL
- Use an existing process
- Import processes from an environment

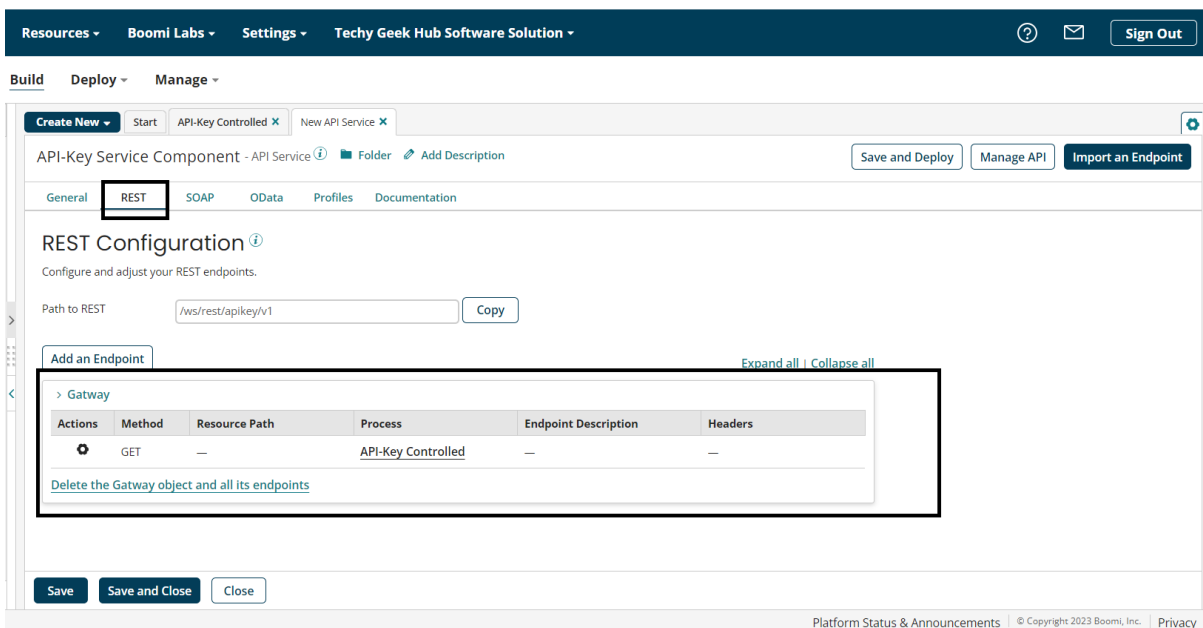
'Cancel' and 'Next' buttons are at the bottom right.

Step 22: Choose your process and in the API type the API you want to be exposed You can choose multiple options but I have chosen Rest here and then click on Finish.



The screenshot shows a dialog box titled "Use an Existing Process" with an information icon. Below the title, it says "Choose a Web Service listener process." and "* Required fields." There are two main input areas: "Process*" with a search box containing "API-Key Controlled" and "Add to*" with three radio button options: "REST" (checked), "SOAP", and "OData". At the bottom right, there are three buttons: "Cancel", "Back", and "Finish".

Step 23: Now click on Rest tab and we can see our End point here and click on save.



The screenshot shows the "REST Configuration" page in a web application. The top navigation bar includes "Resources", "Boomi Labs", "Settings", and "Techy Geek Hub Software Solution". Below that, there are tabs for "Build", "Deploy", and "Manage". The main content area has tabs for "General", "REST", "SOAP", "OData", "Profiles", and "Documentation". The "REST" tab is active, showing "REST Configuration" with a sub-header "Configure and adjust your REST endpoints." Below this, there is a "Path to REST" field with the value "/ws/rest/apikey/v1" and a "Copy" button. An "Add an Endpoint" button is visible. A table with the following data is shown:

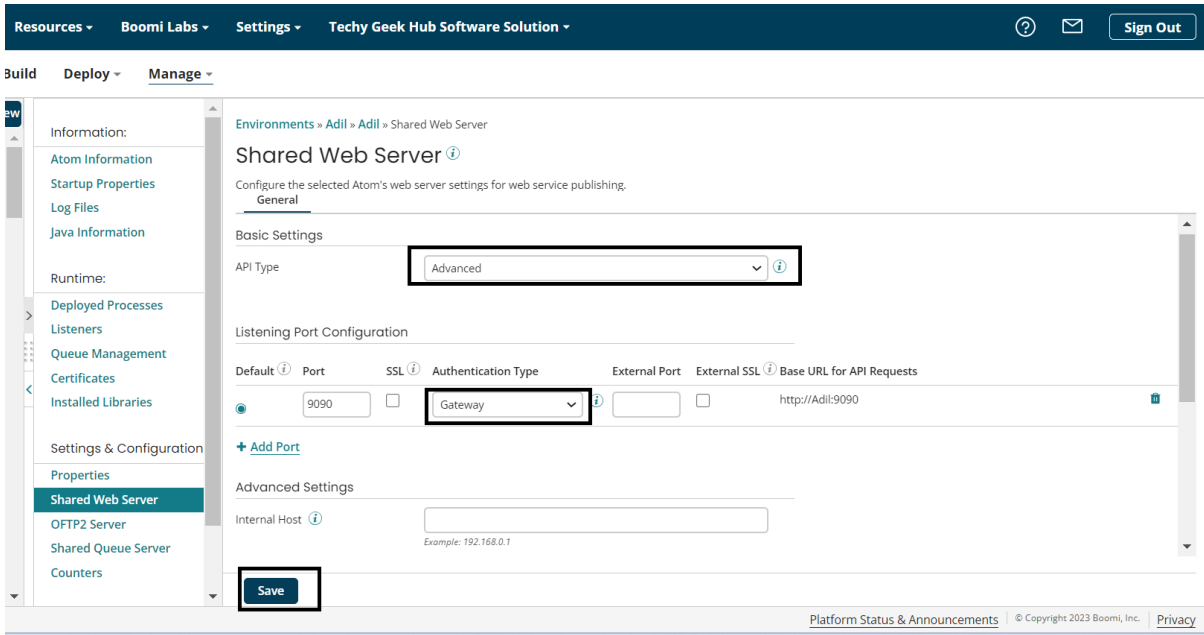
Actions	Method	Resource Path	Process	Endpoint Description	Headers
	GET	---	API-Key Controlled	---	---

At the bottom of the table, there is a link: "Delete the Gateway object and all its endpoints". At the bottom of the page, there are "Save", "Save and Close", and "Close" buttons. The footer contains "Platform Status & Announcements", "© Copyright 2023 Boomi, Inc.", and "Privacy".

Step 24: Now we have to create package component and deploy API Service Component too for that you can follow Step-11 to Step-18

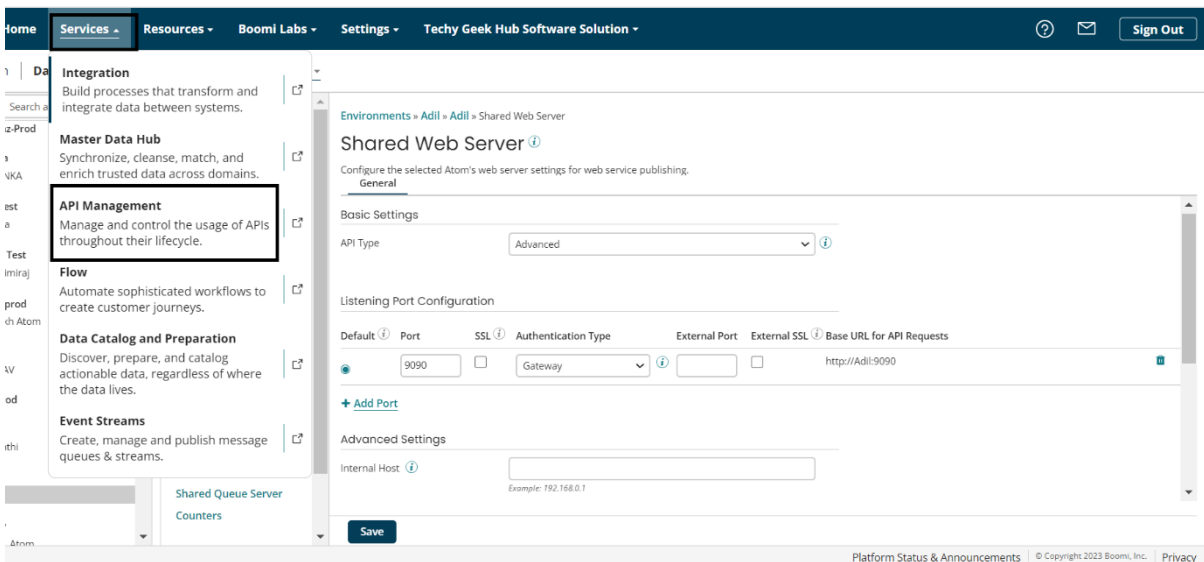
Step 25: Now for API -Key Controlled we need to make the API type as advanced and the authentication type as Gateway and click on save.

For this, Go to Manage>Atom Management>Shared Web Server.



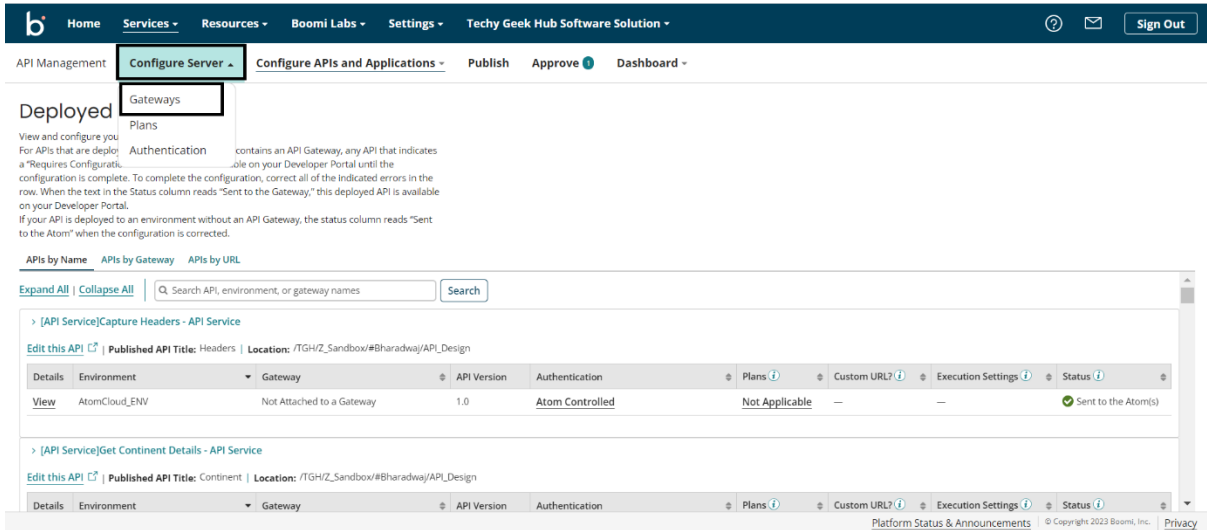
The screenshot shows the 'Shared Web Server' configuration page in the Techy Geek Hub Software Solution. The page is titled 'Environments > Adil > Adil > Shared Web Server'. The main content area is for configuring the selected Atom's web server settings for web service publishing. The 'Basic Settings' section shows 'API Type' set to 'Advanced'. The 'Listening Port Configuration' table has one entry with 'Default Port' 9090, 'SSL' unchecked, 'Authentication Type' set to 'Gateway', 'External Port' empty, and 'External SSL' unchecked. The 'Advanced Settings' section has 'Internal Host' empty. A 'Save' button is highlighted at the bottom left.

Step 26: Now click on Services and the API Management for configuring Gateway.



The screenshot shows the 'Services' menu in the Techy Geek Hub Software Solution. The 'API Management' option is highlighted. The background shows the 'Shared Web Server' configuration page, which is the same as in the previous screenshot, but with the 'API Type' set to 'Advanced' and the 'Authentication Type' set to 'Gateway'.

Step 27: Now click on Configure Server and the click on Gateways

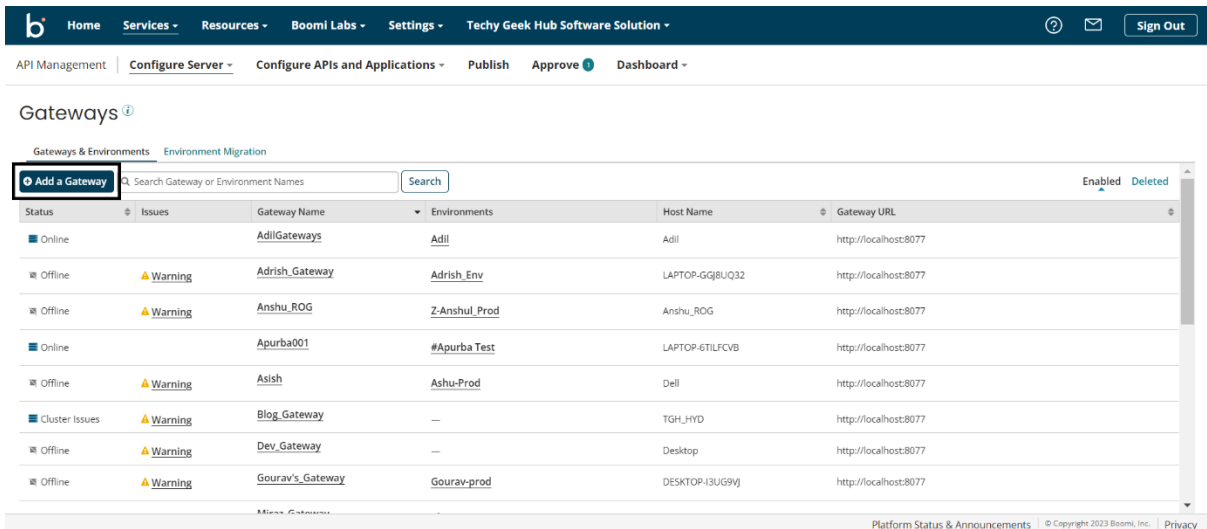


The screenshot shows the TGH dashboard with the 'Configure Server' menu item highlighted. Below it, the 'Deployed' section displays a list of APIs. The first API is '[API Service]Capture Headers - API Service' with the following details:

Details	Environment	Gateway	API Version	Authentication	Plans	Custom URL?	Execution Settings	Status
View	AtomCloud_ENV	Not Attached to a Gateway	1.0	Atom Controlled	Not Applicable	—	—	✔ Sent to the Atom(s)

The second API is '[API Service]Get Continent Details - API Service' with similar details.

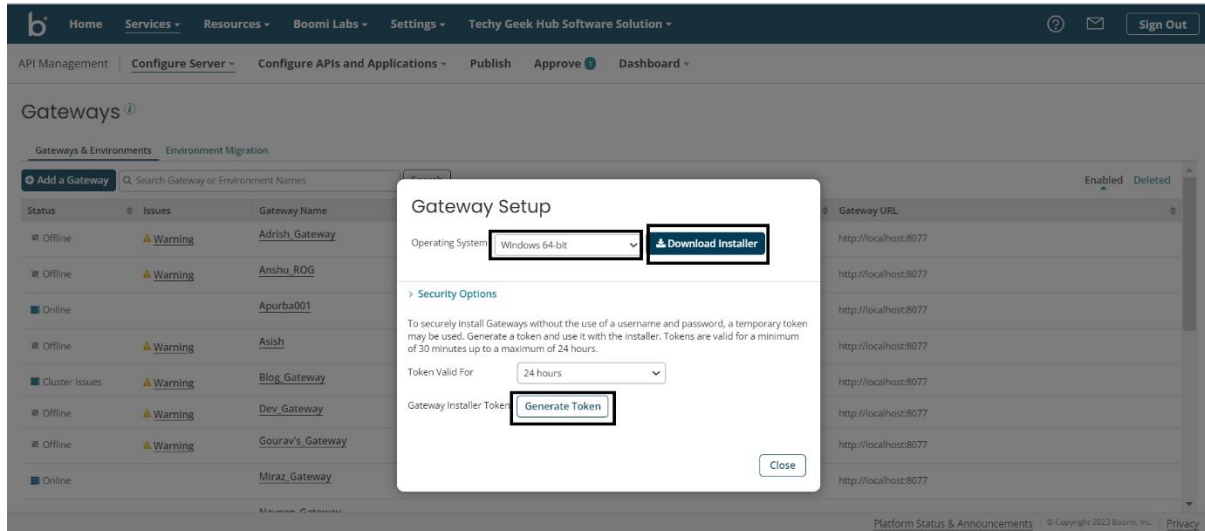
Step 28: Click on Add a Gateway



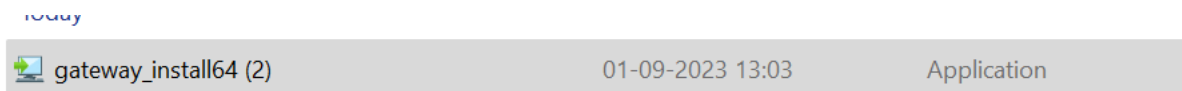
The screenshot shows the TGH dashboard with the 'Add a Gateway' button highlighted. Below it, the 'Gateways' section displays a list of existing gateways. The first gateway is 'AdilGateways' with the following details:

Status	Issues	Gateway Name	Environments	Host Name	Gateway URL
Online		AdilGateways	Adil	Adil	http://localhost:8077
Offline	Warning	Adrish_Gateway	Adrish_Env	LAPTOP-GG8UQ32	http://localhost:8077
Offline	Warning	Anshu_ROG	Z-Anshul_Prod	Anshu_ROG	http://localhost:8077
Online		Apurba001	#Apurba Test	LAPTOP-6TILFCVB	http://localhost:8077
Offline	Warning	Asish	Ashu-Prod	Dell	http://localhost:8077
Cluster Issues	Warning	Blog_Gateway	—	TGH_HYD	http://localhost:8077
Offline	Warning	Dev_Gateway	—	Desktop	http://localhost:8077
Offline	Warning	Gourav's Gateway	Gourav-prod	DESKTOP-I3UG9VJ	http://localhost:8077

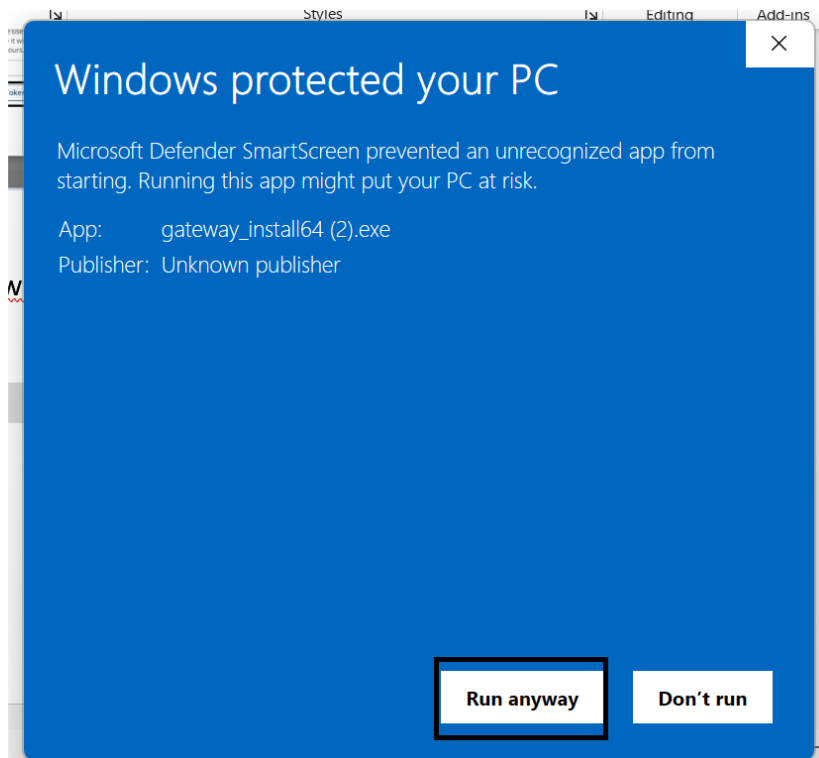
Step 29: Choose your operating system and click on Generate token a token will be generated copy that token and paste it somewhere to reuse it and click on Download Installer.



Step 30: Your gateway will be downloaded. Right click and choose Run as Administration.



Step 31: Click on Run Anyway

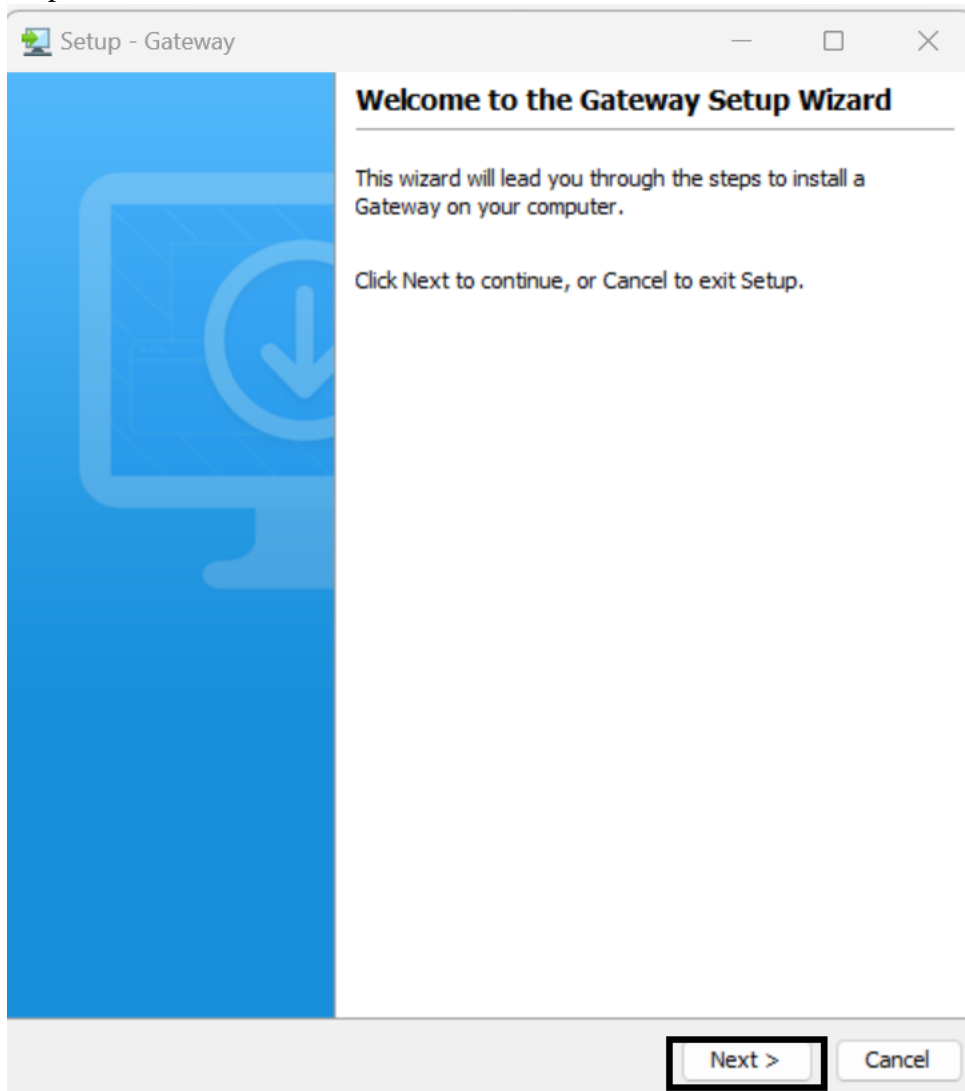


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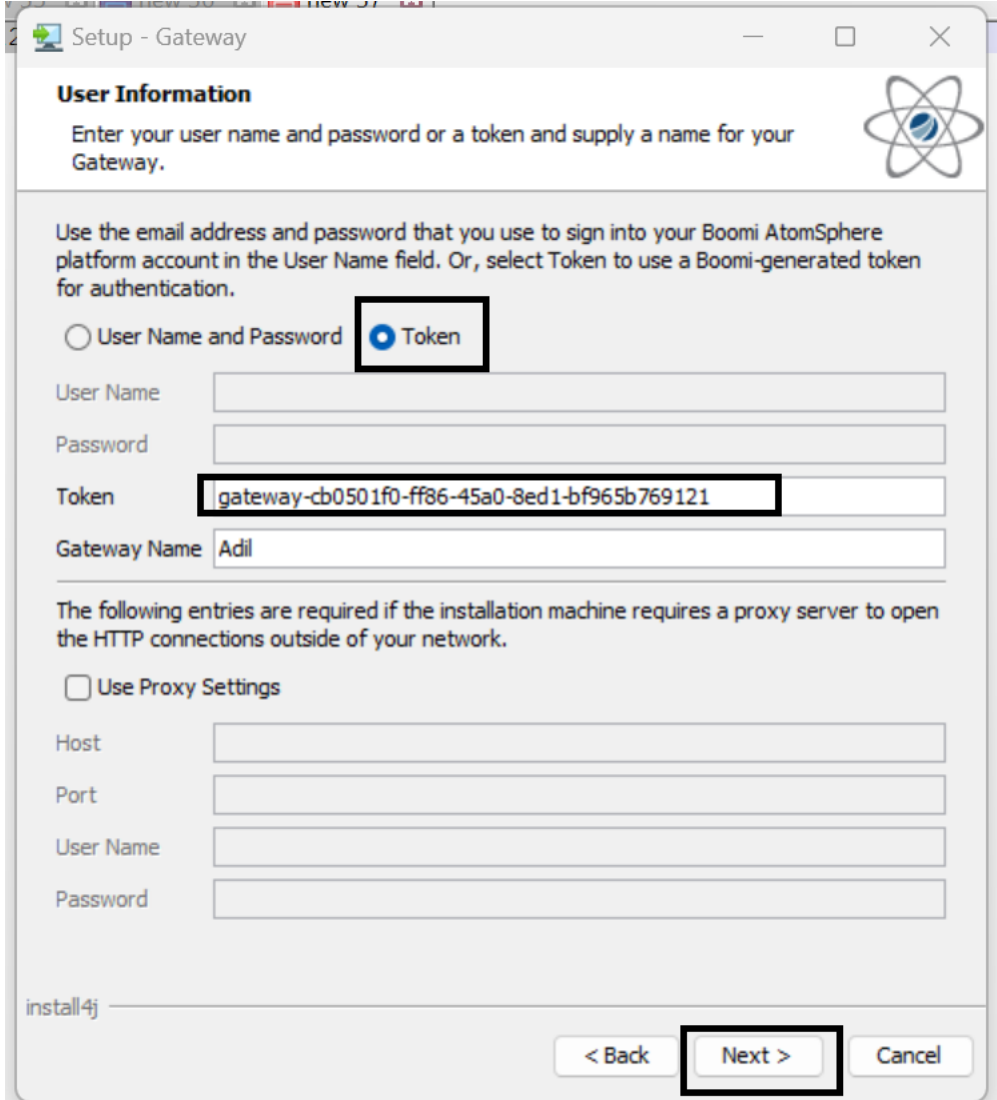
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Step 32: Click on next



Step 33: Choose token and paste your token and then click on Next



Setup - Gateway

User Information

Enter your user name and password or a token and supply a name for your Gateway.

Use the email address and password that you use to sign into your Boomi AtomSphere platform account in the User Name field. Or, select Token to use a Boomi-generated token for authentication.

User Name and Password Token

User Name

Password

Token

Gateway Name

The following entries are required if the installation machine requires a proxy server to open the HTTP connections outside of your network.

Use Proxy Settings

Host

Port

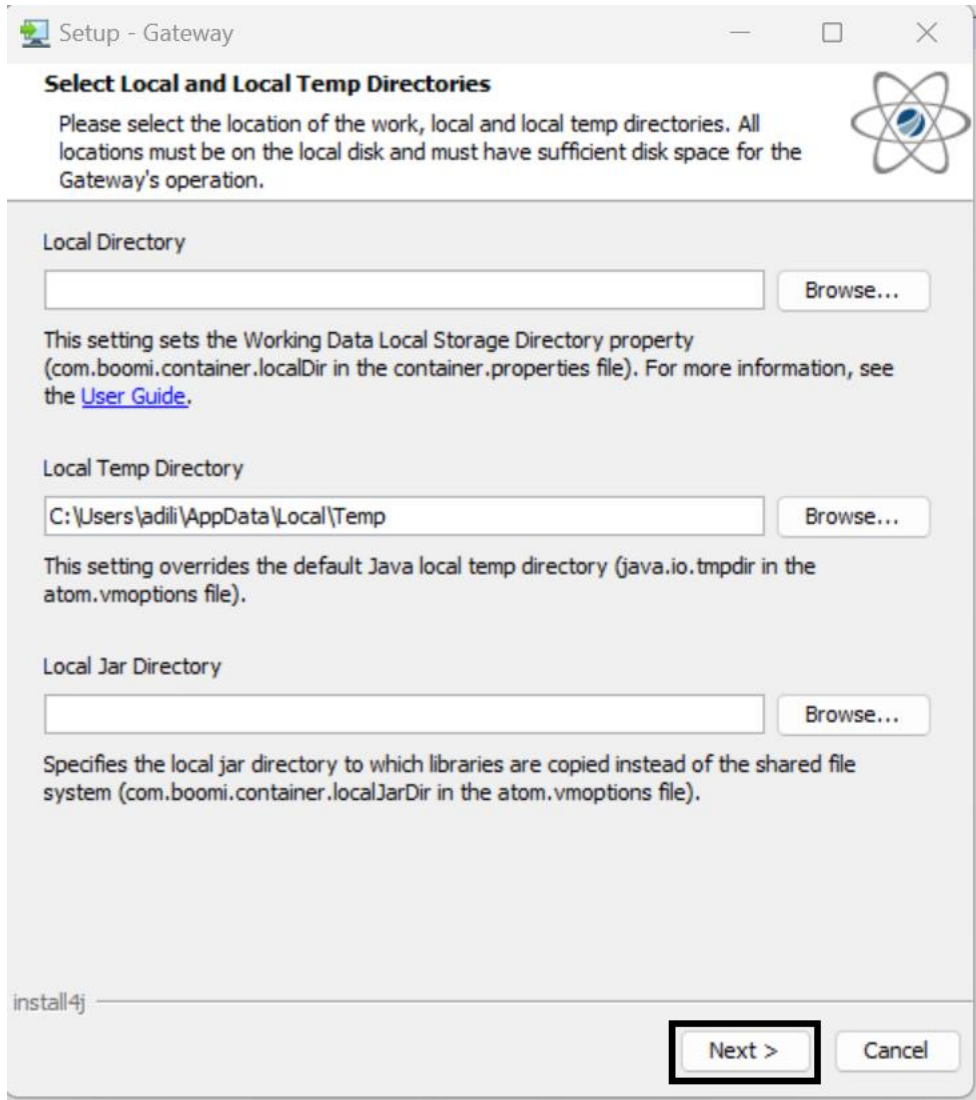
User Name

Password

install4j

< Back **Next >** Cancel

Step 34: Click on Next.

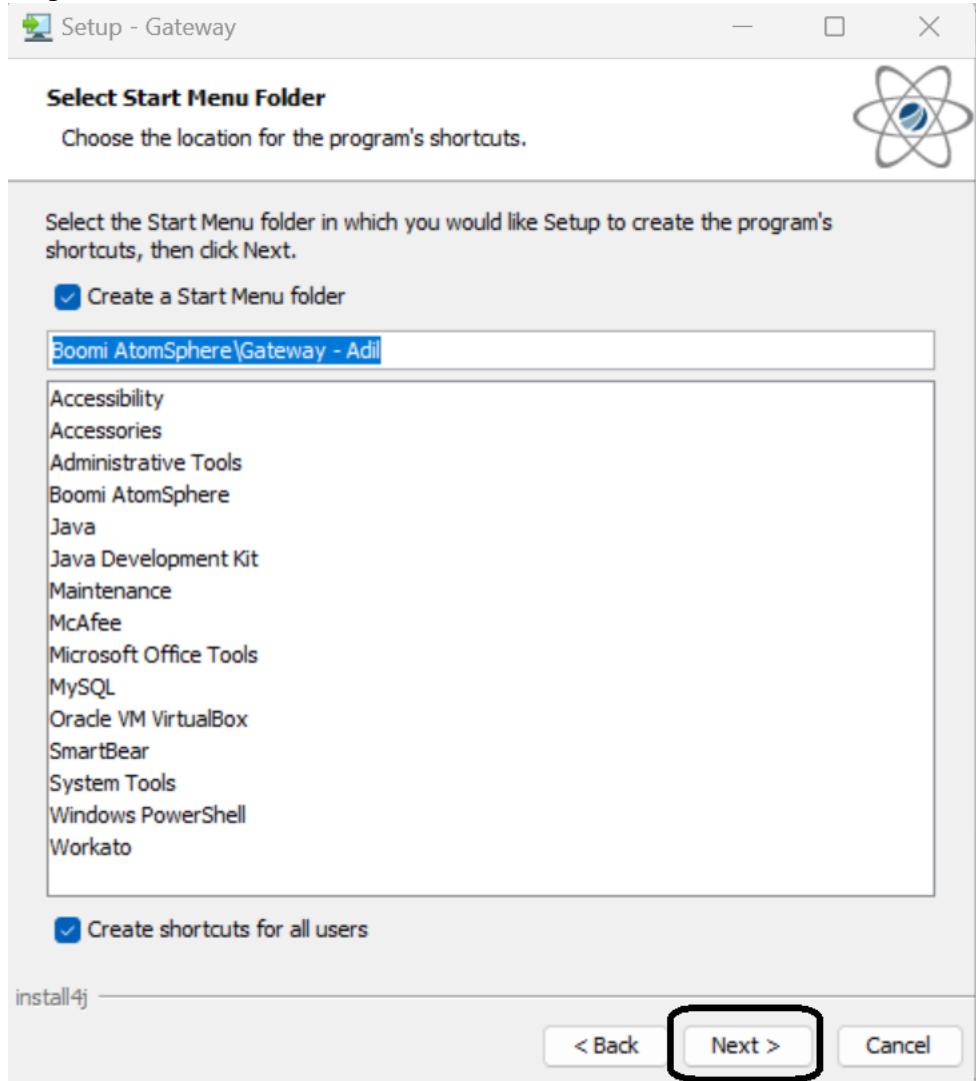


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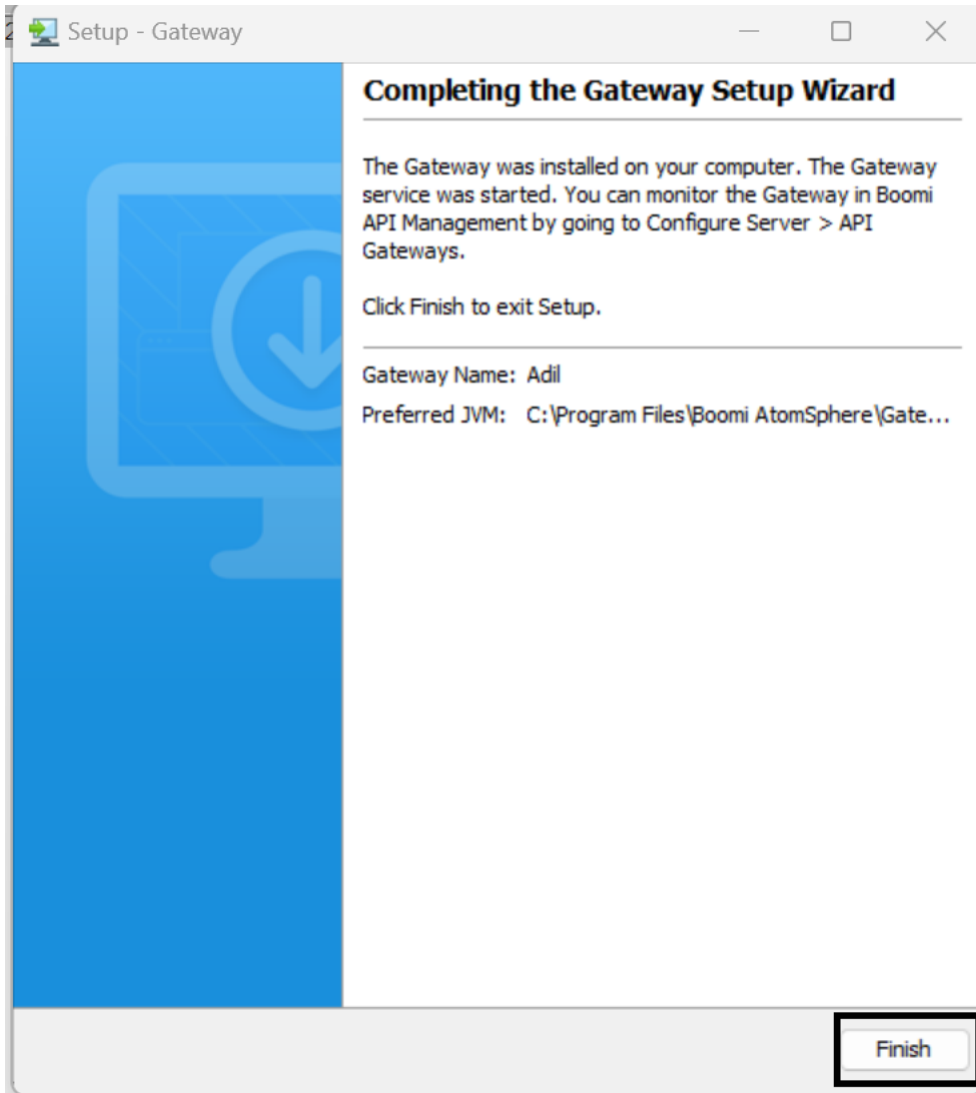
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Step 35: Click on Next



Step 36: Click on Finish your Gateways is installed.



Step 37: You can see your gateway in Boomi now.



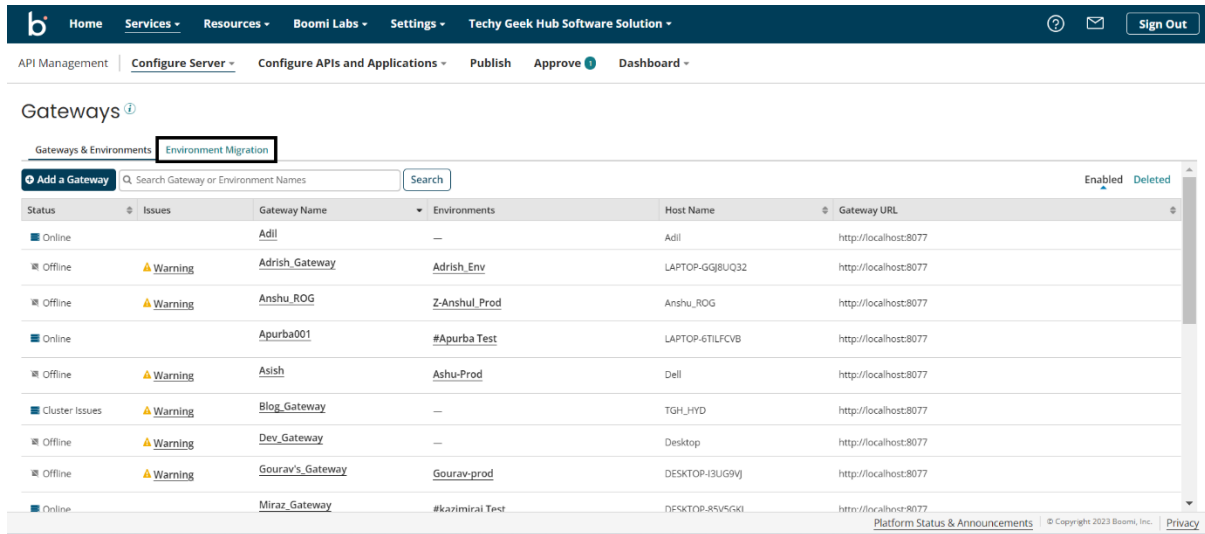
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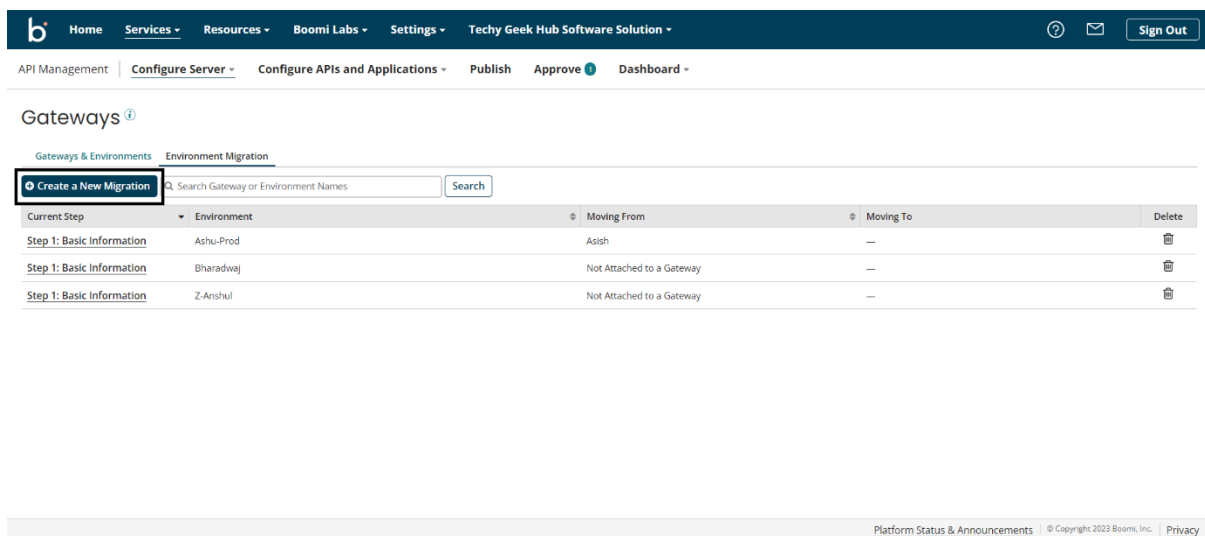
Step 38: Now we have to migrate our Gateway to our environment.

Click on Environment Migration.



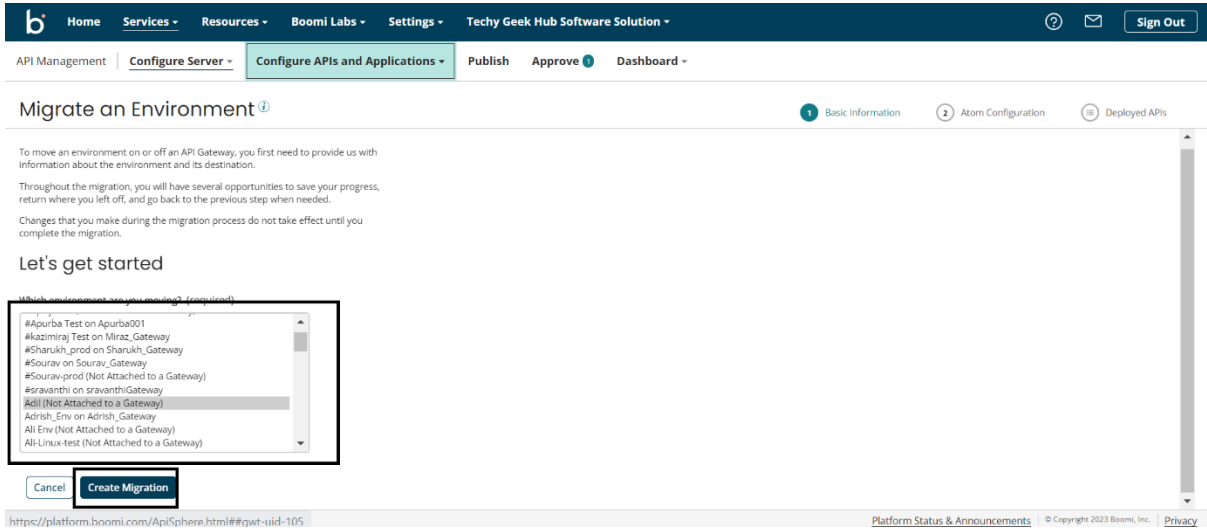
The screenshot shows the TGH dashboard with the 'Gateways & Environments' section. The 'Environment Migration' tab is selected and highlighted with a red box. Below the navigation bar, there is a search bar and a table of gateways. The table has columns for Status, Issues, Gateway Name, Environments, Host Name, and Gateway URL. Several gateways are listed, some with warning icons.

Step 39: Click on Create a new migration.



The screenshot shows the 'Environment Migration' section of the TGH dashboard. The 'Create a New Migration' button is highlighted with a red box. Below the navigation bar, there is a search bar and a table of migrations. The table has columns for Current Step, Environment, Moving From, Moving To, and Delete. Three migration steps are listed, each with a 'Basic Information' step.

Step 40: Choose your Environment and Click on Create Migration.



The screenshot shows the 'Migrate an Environment' page in the Boomi Labs interface. The navigation bar includes 'Home', 'Services', 'Resources', 'Boomi Labs', 'Settings', and 'Techy Geek Hub Software Solution'. The main menu has 'API Management', 'Configure Server', 'Configure APIs and Applications', 'Publish', 'Approve', and 'Dashboard'. The page title is 'Migrate an Environment' with a help icon. There are three tabs: 'Basic Information' (active), 'Atom Configuration', and 'Deployed APIs'. The main content area contains instructions on how to migrate an environment and a list of environments to choose from. The 'Create Migration' button is highlighted with a red box.

To move an environment on or off an API Gateway, you first need to provide us with information about the environment and its destination.

Throughout the migration, you will have several opportunities to save your progress, return where you left off, and go back to the previous step when needed.

Changes that you make during the migration process do not take effect until you complete the migration.

Let's get started

Which environment are you migrating? (required)

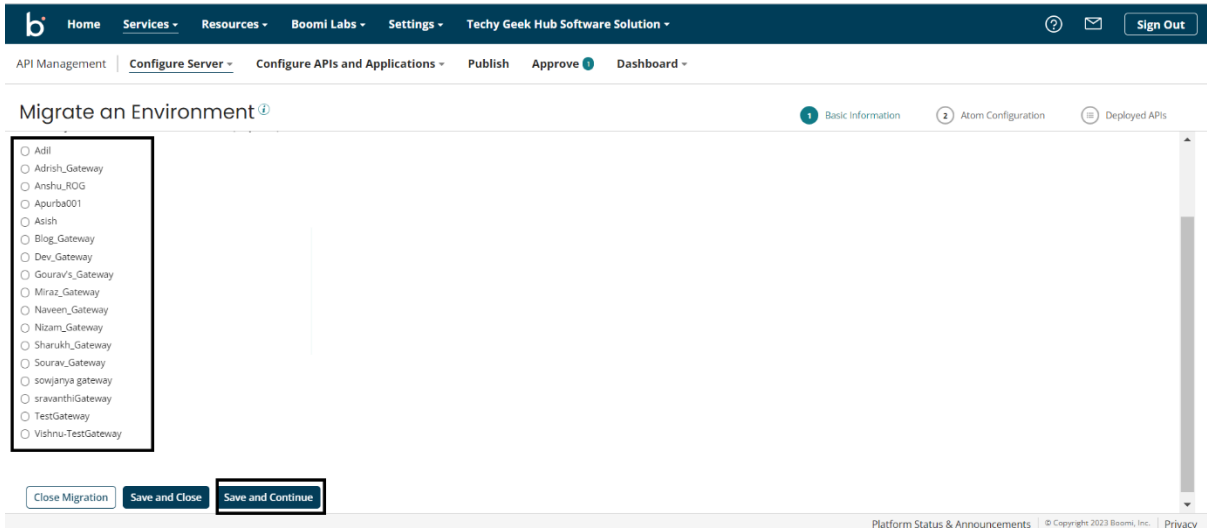
- #Apurba Test on Apurba001
- #kazimira Test on Miraz_Gateway
- #Sharukh_prod on Sharukh_Gateway
- #Sourav on Sourav_Gateway
- #Sourav-prod (Not Attached to a Gateway)
- #sravanthi on sravanthiGateway
- Adil (Not Attached to a Gateway)
- Adrish_Env on Adrish_Gateway
- All Env (Not Attached to a Gateway)
- All-Linux-test (Not Attached to a Gateway)

Buttons: Cancel, Create Migration

URL: https://platform.boomi.com/ApiSphere.html#gwt-uid=105

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Step 41: Choose your Gateway and Click on Save and Continue

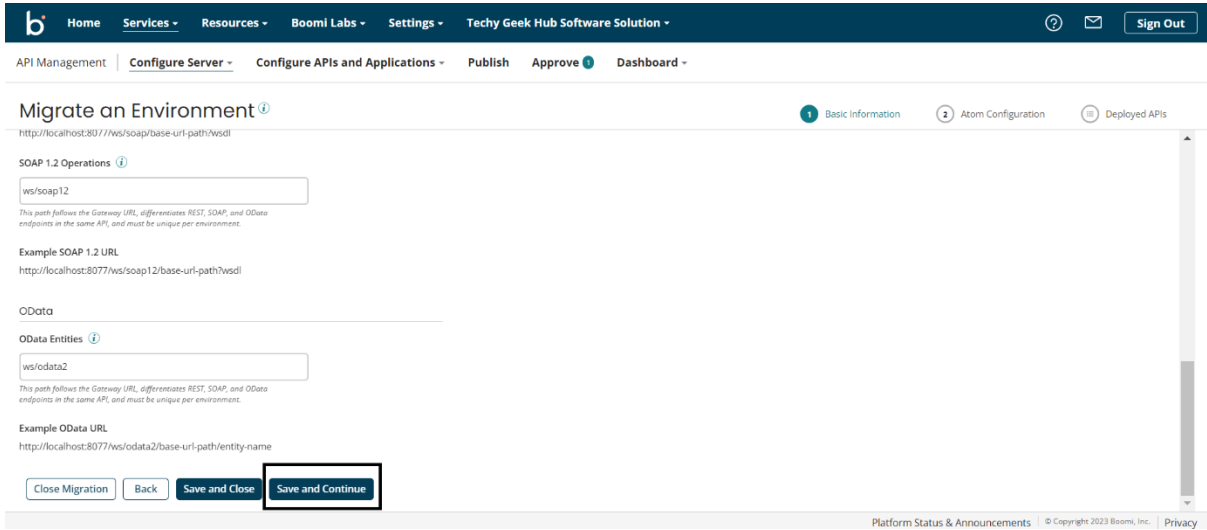


The screenshot shows the 'Migrate an Environment' page in the Boomi Labs interface, specifically the 'Atom Configuration' tab. The navigation bar and main menu are the same as in Step 40. The main content area contains a list of gateways to choose from. The 'Save and Continue' button is highlighted with a red box.

Buttons: Close Migration, Save and Close, Save and Continue

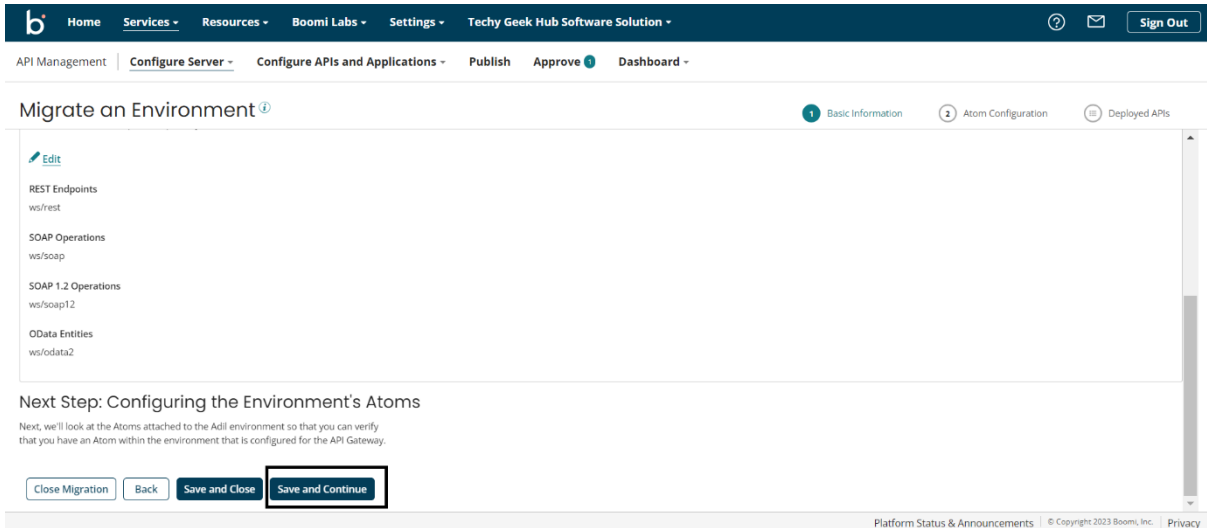
Footer: Platform Status & Announcements | Copyright 2023 Boomi, Inc. | Privacy

Step 42: You can edit your End Points here then again Click on Save and Continue



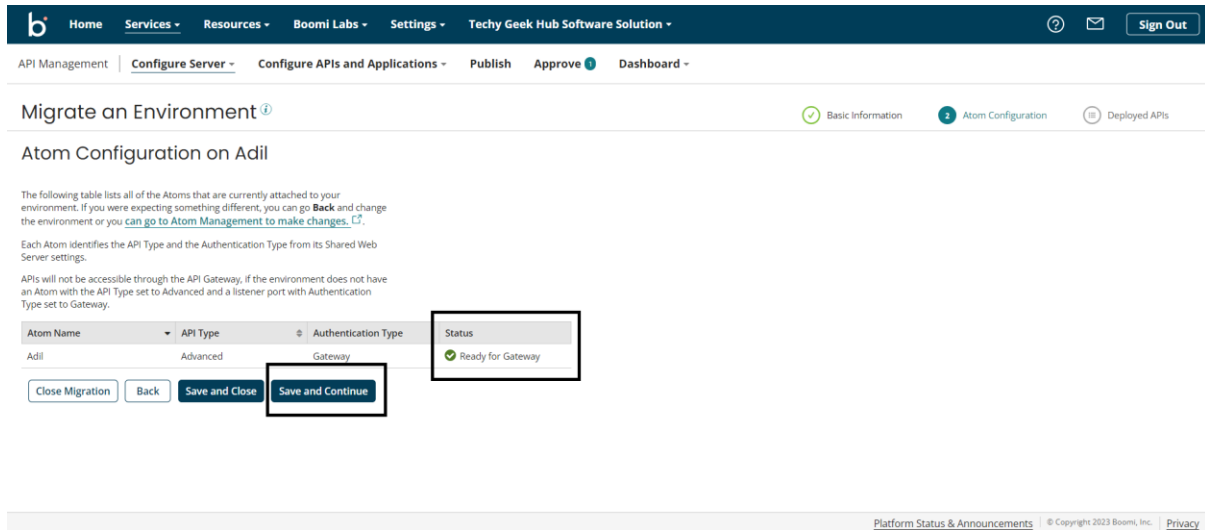
The screenshot shows the 'Migrate an Environment' page in the TGH interface. The page has a dark blue header with navigation links: Home, Services, Resources, Boomi Labs, Settings, and Techy Geek Hub Software Solution. A 'Sign Out' button is in the top right. Below the header, there's a breadcrumb trail: API Management > Configure Server > Configure APIs and Applications > Publish > Approve > Dashboard. The main content area is titled 'Migrate an Environment' and includes a URL: http://localhost:8077/ws/soap/base-uri-path/wsdl. There are two sections: 'SOAP 1.2 Operations' with a text input field containing 'ws/soap12' and an example URL 'http://localhost:8077/ws/soap12/base-uri-path/wsdl'; and 'OData Entities' with a text input field containing 'ws/odata2' and an example URL 'http://localhost:8077/ws/odata2/base-uri-path/entity-name'. At the bottom, there are four buttons: 'Close Migration', 'Back', 'Save and Close', and 'Save and Continue'. The 'Save and Continue' button is highlighted with a red box. A footer at the bottom right contains 'Platform Status & Announcements', '© Copyright 2023 Boomi, Inc.', and 'Privacy'.

Step 43: Again click on Save and Continue.



The screenshot shows the 'Migrate an Environment' page in the TGH interface. The page has a dark blue header with navigation links: Home, Services, Resources, Boomi Labs, Settings, and Techy Geek Hub Software Solution. A 'Sign Out' button is in the top right. Below the header, there's a breadcrumb trail: API Management > Configure Server > Configure APIs and Applications > Publish > Approve > Dashboard. The main content area is titled 'Migrate an Environment' and includes a list of endpoints: REST Endpoints (ws/rest), SOAP Operations (ws/soap), SOAP 1.2 Operations (ws/soap12), and OData Entities (ws/odata2). Below the list, there's a section titled 'Next Step: Configuring the Environment's Atoms' with a sub-heading 'Next, we'll look at the Atoms attached to the Adli environment so that you can verify that you have an Atom within the environment that is configured for the API Gateway.' At the bottom, there are four buttons: 'Close Migration', 'Back', 'Save and Close', and 'Save and Continue'. The 'Save and Continue' button is highlighted with a red box. A footer at the bottom right contains 'Platform Status & Announcements', '© Copyright 2023 Boomi, Inc.', and 'Privacy'.

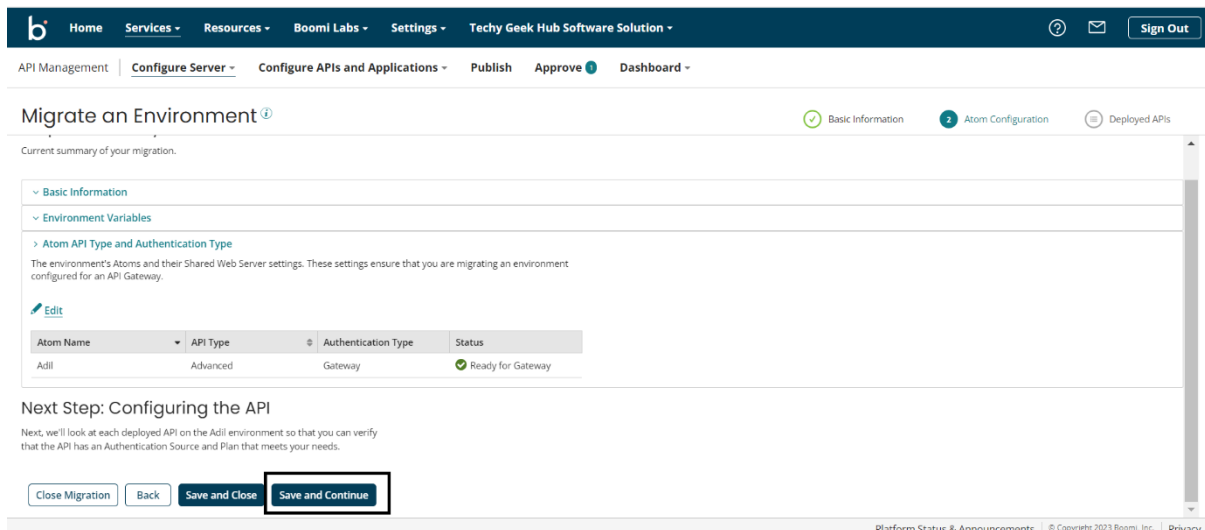
Step 44: You can see your Gateway status now and then Click on Save and Continue.



The screenshot shows the 'Migrate an Environment' page with the 'Atom Configuration' step active. It displays a table of API configurations for the 'Adil' environment. The 'Status' column shows 'Ready for Gateway' with a green checkmark. The 'Save and Continue' button is highlighted with a red box.

Atom Name	API Type	Authentication Type	Status
Adil	Advanced	Gateway	Ready for Gateway

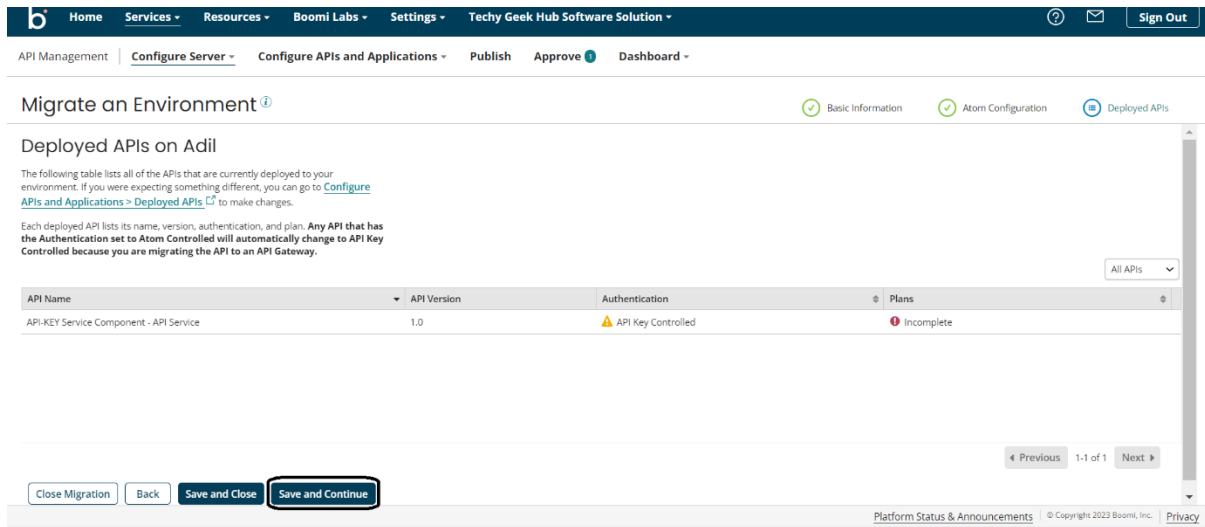
Step 45: Click on Save and Continue again.



The screenshot shows the 'Migrate an Environment' page with a summary of migration settings. The 'Atom API Type and Authentication Type' section is expanded, showing the same configuration as in Step 44. The 'Save and Continue' button is highlighted with a red box.

Atom Name	API Type	Authentication Type	Status
Adil	Advanced	Gateway	Ready for Gateway

Step 46: Now we can see our deployed APIs here and now click on Save and Continue.



API Management | **Configure Server** | Configure APIs and Applications | Publish | Approve | Dashboard

Migrate an Environment

Basic Information | Atom Configuration | **Deployed APIs**

Deployed APIs on Adil

The following table lists all of the APIs that are currently deployed to your environment. If you were expecting something different, you can go to [Configure APIs and Applications > Deployed APIs](#) to make changes.

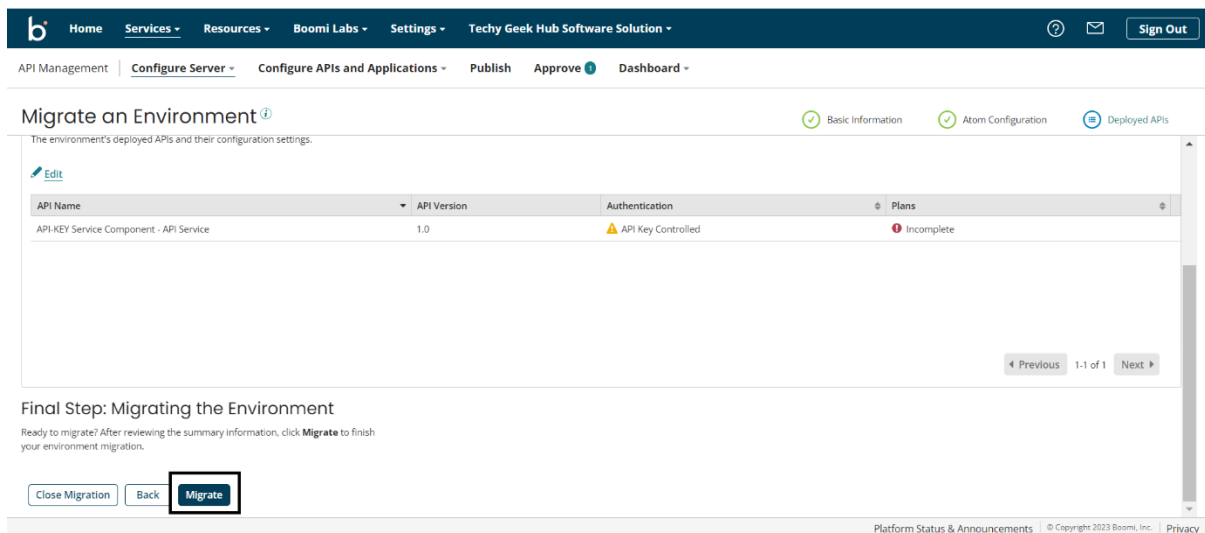
Each deployed API lists its name, version, authentication, and plan. **Any API that has the Authentication set to Atom Controlled will automatically change to API Key Controlled because you are migrating the API to an API Gateway.**

API Name	API Version	Authentication	Plans
API-KEY Service Component - API Service	1.0	⚠ API Key Controlled	🔴 Incomplete

Close Migration | Back | Save and Close | **Save and Continue**

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Step 47: Click on Migrate and your Gateway will be migrated to your environment.



API Management | **Configure Server** | Configure APIs and Applications | Publish | Approve | Dashboard

Migrate an Environment

Basic Information | Atom Configuration | **Deployed APIs**

The environment's deployed APIs and their configuration settings.

[Edit](#)

API Name	API Version	Authentication	Plans
API-KEY Service Component - API Service	1.0	⚠ API Key Controlled	🔴 Incomplete

Previous | 1-1 of 1 | Next

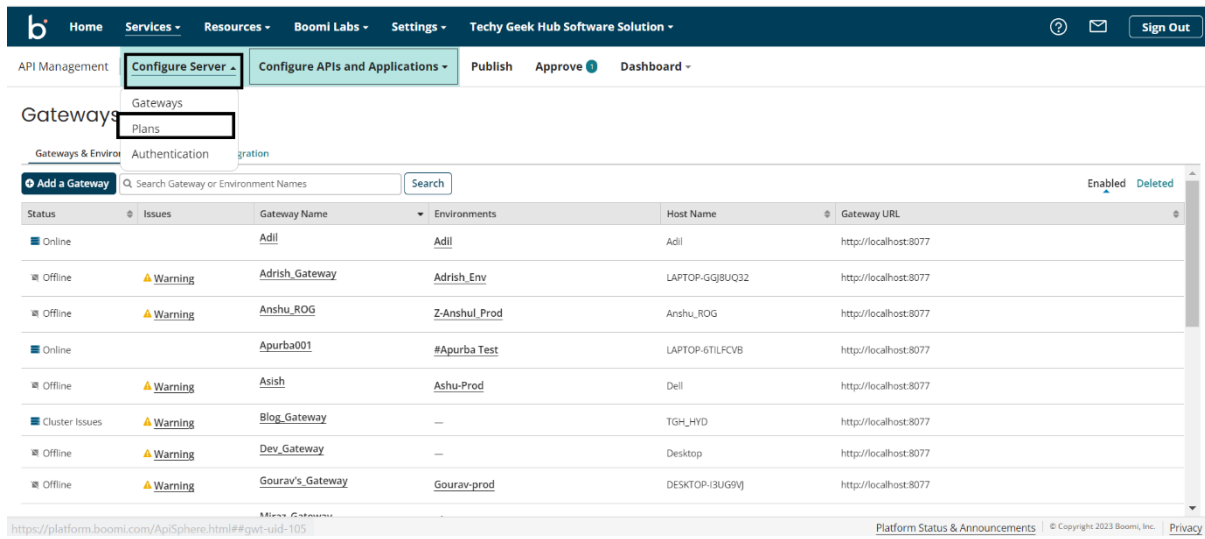
Final Step: Migrating the Environment

Ready to migrate? After reviewing the summary information, click **Migrate** to finish your environment migration.

Close Migration | Back | **Migrate**

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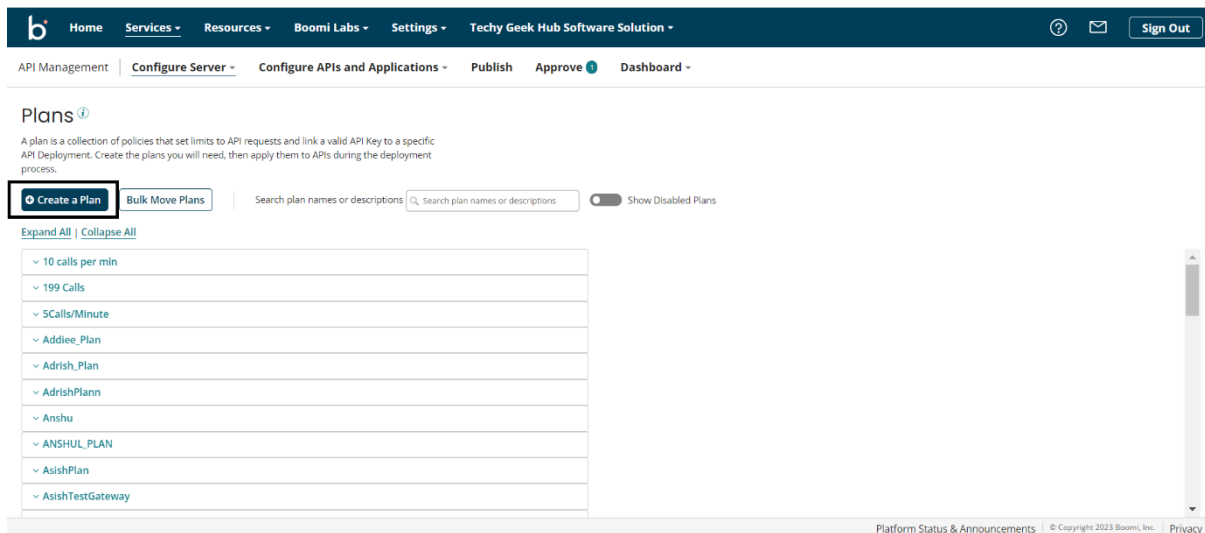
Step 48: Click on Configure server and then click on Plans to configure Plans.



The screenshot shows the Boomi API Management console. The top navigation bar includes 'Home', 'Services', 'Resources', 'Boomi Labs', 'Settings', and 'Techy Geek Hub Software Solution'. The main menu has 'API Management', 'Configure Server', 'Configure APIs and Applications', 'Publish', 'Approve', and 'Dashboard'. Under 'API Management', 'Gateways' and 'Plans' are highlighted with red boxes. Below the navigation, there is a search bar for 'Add a Gateway' and a table of existing gateways.

Status	Issues	Gateway Name	Environments	Host Name	Gateway URL
Online		Adil	Adil	Adil	http://localhost:8077
Offline	Warning	Adrish_Gateway	Adrish_Env	LAPTOP-GGJ8UQ32	http://localhost:8077
Offline	Warning	Anshu_ROG	Z-Anshul_Prod	Anshu_ROG	http://localhost:8077
Online		Apurba001	#Apurba Test	LAPTOP-6TILFCVB	http://localhost:8077
Offline	Warning	Asish	Ashu-Prod	Dell	http://localhost:8077
Cluster Issues	Warning	Blog_Gateway	—	TGH_HYD	http://localhost:8077
Offline	Warning	Dev_Gateway	—	Desktop	http://localhost:8077
Offline	Warning	Gourav's_Gateway	Gourav-prod	DESKTOP-3UG9M	http://localhost:8077

Step 49: Click on Create a Plan



The screenshot shows the Boomi API Management console with the 'Plans' page selected. The 'Create a Plan' button is highlighted with a red box. Below the navigation, there is a search bar for 'Search plan names or descriptions' and a list of existing plans.

Plans

A plan is a collection of policies that set limits to API requests and link a valid API Key to a specific API Deployment. Create the plans you will need, then apply them to APIs during the deployment process.

Buttons: Create a Plan, Bulk Move Plans

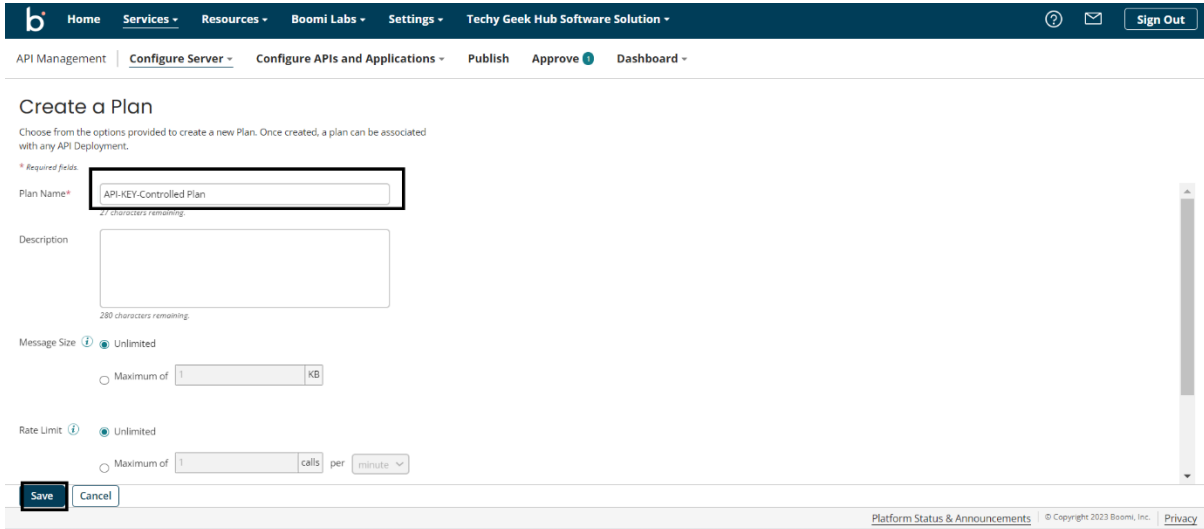
Search plan names or descriptions

Expand All | Collapse All

- 10 calls per min
- 199 Calls
- 5Calls/Minute
- Addiee_Plan
- Adrish_Plan
- AdrishPlann
- Anshu
- ANSHUL_PLAN
- AsishPlan
- AsishTestGateway

Step 50: Give a Plan name and set Quota limit, Message Limit, Rate Limit and click on save.

Your Plan is created.



Create a Plan
Choose from the options provided to create a new Plan. Once created, a plan can be associated with any API Deployment.

* Required fields

Plan Name*
27 characters remaining

Description

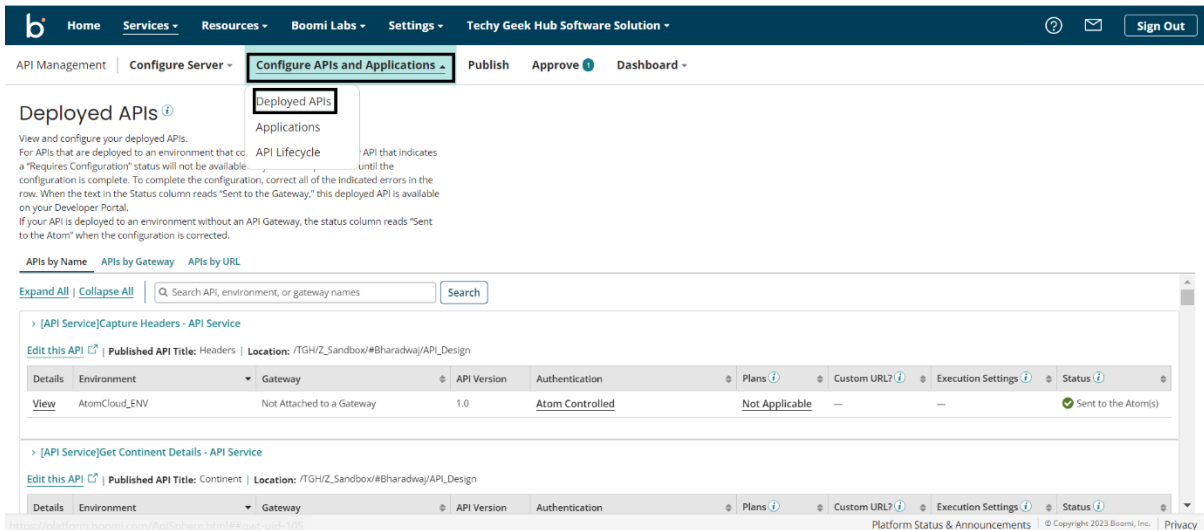
280 characters remaining

Message Size Unlimited
 Maximum of KB

Rate Limit Unlimited
 Maximum of calls per

Save Cancel

Step 51: Click on Configure APIs and Applications and then click on Deployed APIs to enable your plan.



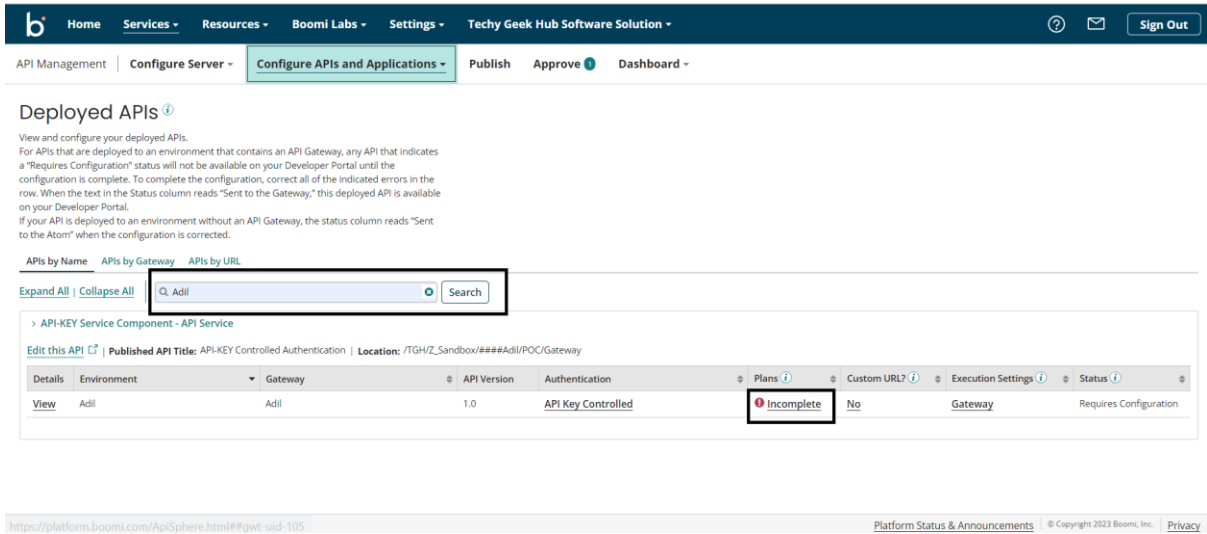
Deployed APIs
View and configure your deployed APIs.
For APIs that are deployed to an environment that is in a "Requires Configuration" status will not be available until the configuration is complete. To complete the configuration, correct all of the indicated errors in the row. When the text in the Status column reads "Sent to the Gateway," this deployed API is available on your Developer Portal.
If your API is deployed to an environment without an API Gateway, the status column reads "Sent to the Atom" when the configuration is corrected.

APIs by Name | APIs by Gateway | APIs by URL

Expand All | Collapse All | Search API, environment, or gateway names

Details	Environment	Gateway	API Version	Authentication	Plans	Custom URL	Execution Settings	Status
View	AtomCloud_ENV	Not Attached to a Gateway	1.0	Atom Controlled	Not Applicable	—	—	✔ Sent to the Atom(s)

Step 52: Search your Gateway in Deployed APIs and Click on Plan.



API Management | **Configure Server** | **Configure APIs and Applications** | Publish | Approve | Dashboard

Deployed APIs

View and configure your deployed APIs.
For APIs that are deployed to an environment that contains an API Gateway, any API that indicates a "Requires Configuration" status will not be available on your Developer Portal until the configuration is complete. To complete the configuration, correct all of the indicated errors in the row. When the text in the Status column reads "Sent to the Gateway," this deployed API is available on your Developer Portal.
If your API is deployed to an environment without an API Gateway, the status column reads "Sent to the Atom" when the configuration is corrected.

APIs by Name | APIs by Gateway | APIs by URL

Expand All | Collapse All | Search

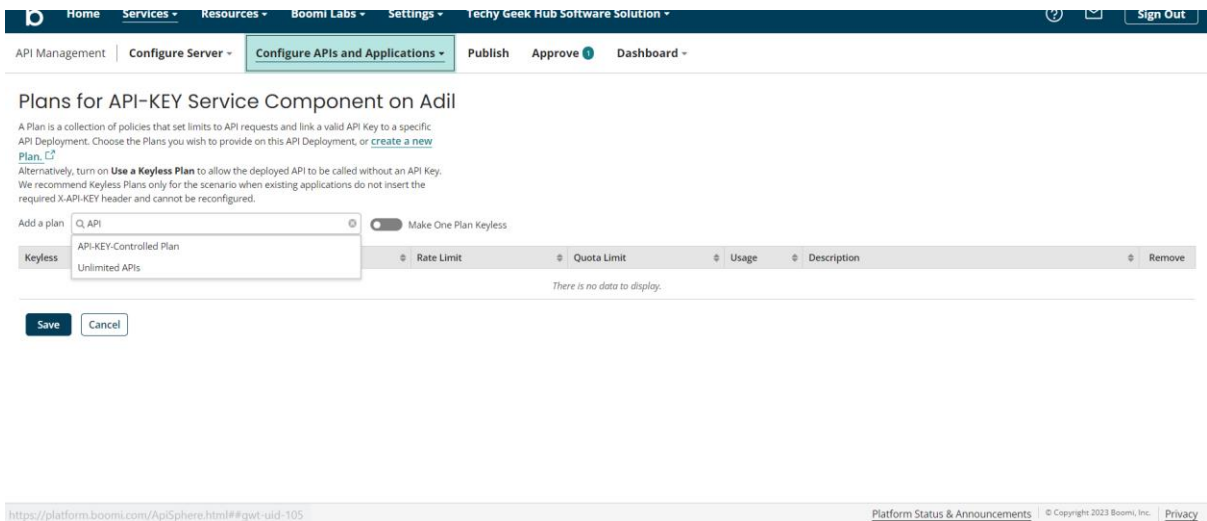
> API-KEY Service Component - API Service

Edit this API | Published API Title: API-KEY Controlled Authentication | Location: /TGH/Z_Sandbox/###Adil/POC/Gateway

Details	Environment	Gateway	API Version	Authentication	Plans	Custom URL?	Execution Settings	Status
View	Adil	Adil	1.0	API Key Controlled	Incomplete	No	Gateway	Requires Configuration

https://platform.boomi.com/ApiSphere.html#gwt-uid-105 | Platform Status & Announcements | © Copyright 2023 Boomi, Inc. | Privacy

Step 53: Search for your Plan.



API Management | **Configure Server** | **Configure APIs and Applications** | Publish | Approve | Dashboard

Plans for API-KEY Service Component on Adil

A Plan is a collection of policies that set limits to API requests and link a valid API Key to a specific API Deployment. Choose the Plans you wish to provide on this API Deployment, or [create a new Plan](#).
Alternatively, turn on **Use a Keyless Plan** to allow the deployed API to be called without an API Key. We recommend Keyless Plans only for the scenario when existing applications do not insert the required X-API-KEY header and cannot be reconfigured.

Add a plan Make One Plan Keyless

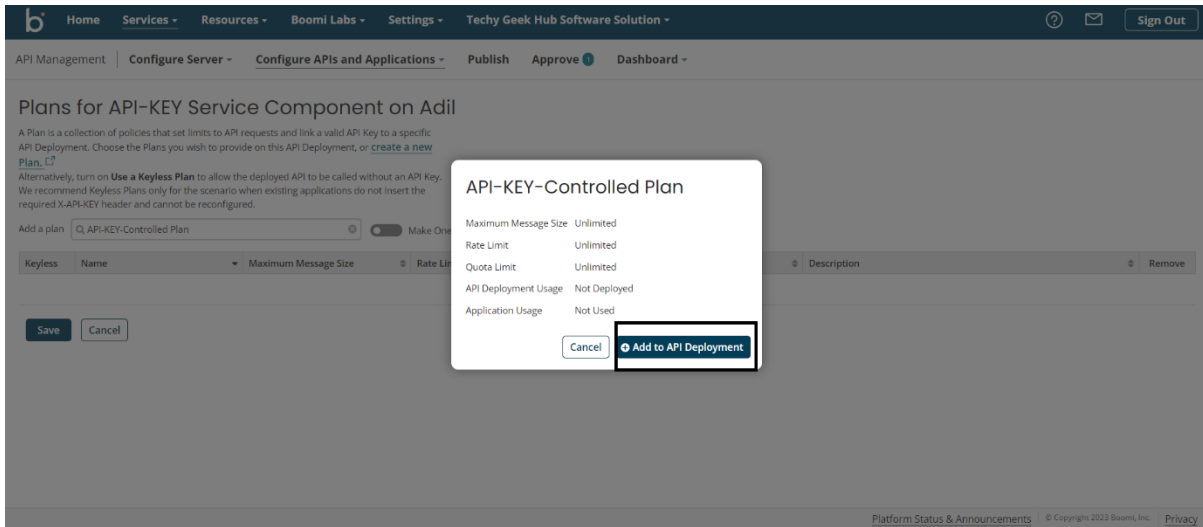
Keyless	Rate Limit	Quota Limit	Usage	Description	Remove
API-KEY-Controlled Plan Unlimited APIs					

There is no data to display.

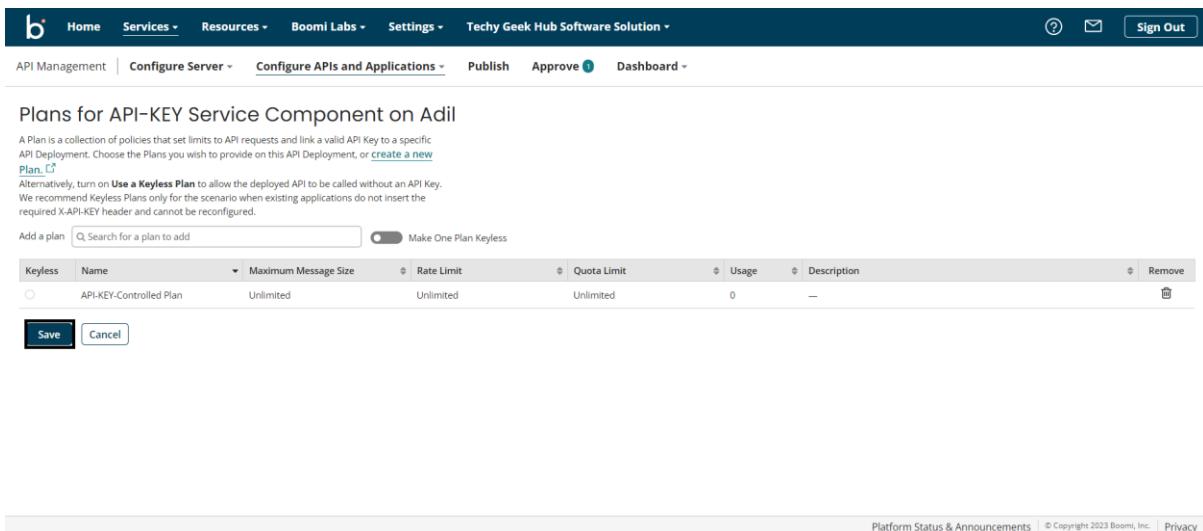
Save Cancel

https://platform.boomi.com/ApiSphere.html#gwt-uid-105 | Platform Status & Announcements | © Copyright 2023 Boomi, Inc. | Privacy

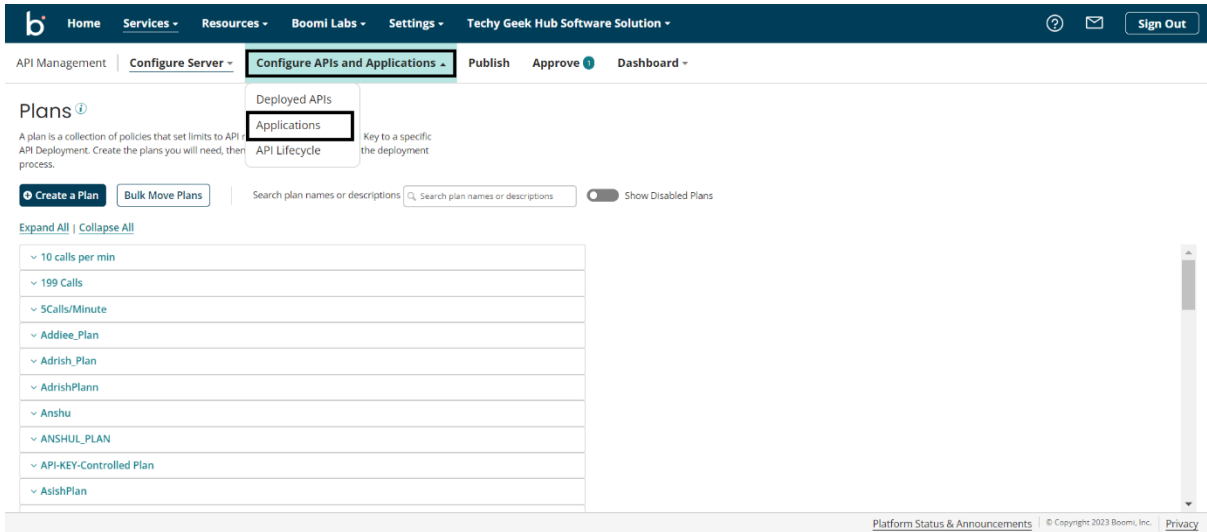
Step 54: Click on Add to API Deployment.



Step 55: Click on Save and your plan will be added to your Deployed API.

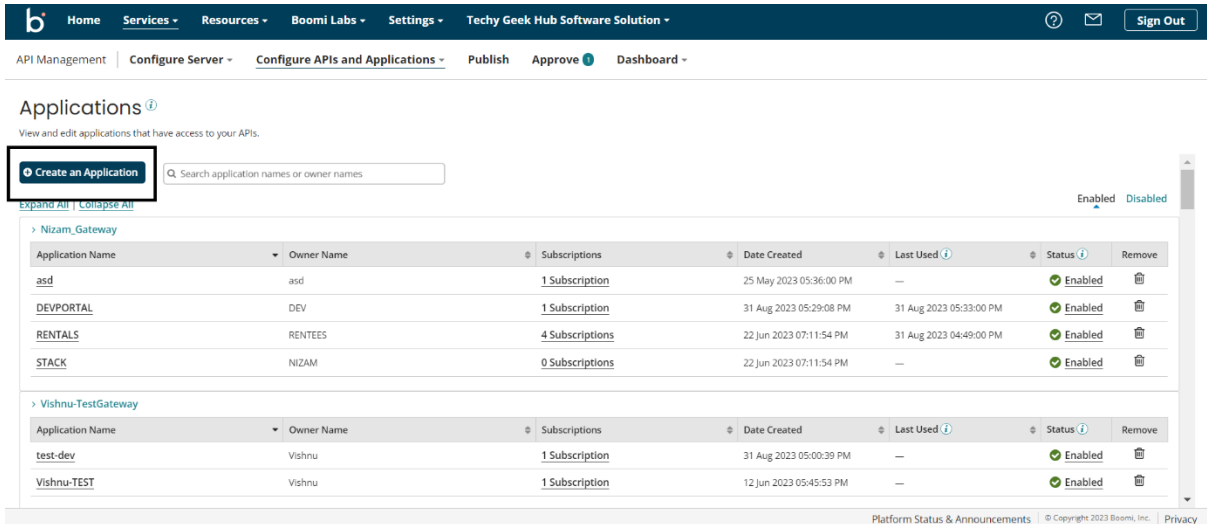


Step 56: Now we have to create an Application for that click on Configure APIs and Applications and the click on Applications.



The screenshot shows the 'Configure APIs and Applications' page. The 'Applications' option in the top navigation menu is highlighted with a red box. Below the navigation, there is a 'Plans' section with a 'Create a Plan' button highlighted in red. A tooltip for 'Applications' is visible, stating 'Key to a specific the deployment API Lifecycle'.

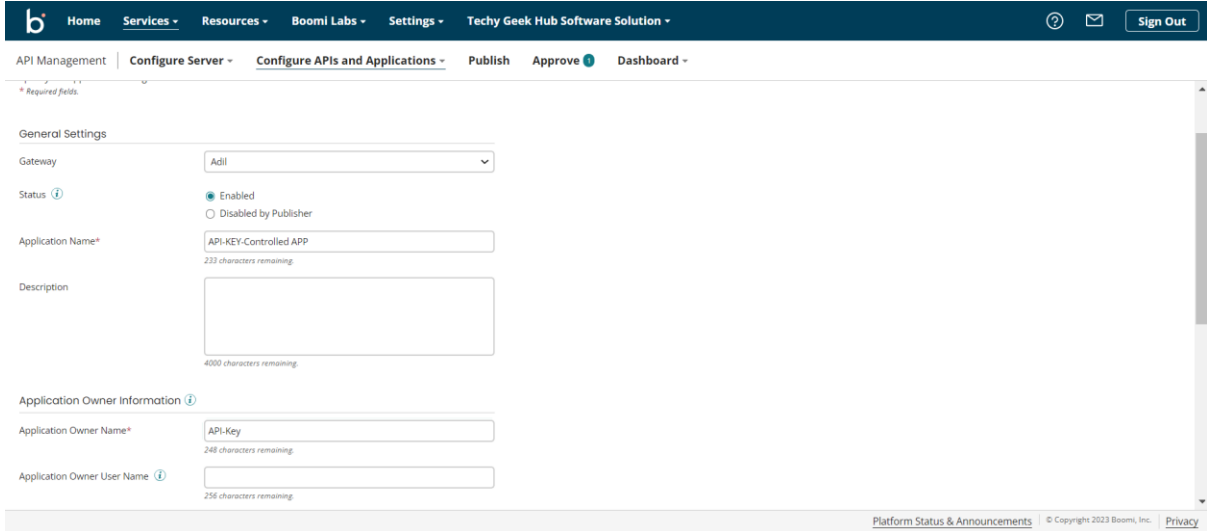
Step 57: Click on Create an Application.



The screenshot shows the 'Applications' page. The 'Create an Application' button is highlighted with a red box. Below the button, there is a search bar and a table of applications. The table has columns for Application Name, Owner Name, Subscriptions, Date Created, Last Used, Status, and Remove. The applications listed are under 'Nizam_Gateway' and 'Vishnu-TestGateway'.

Application Name	Owner Name	Subscriptions	Date Created	Last Used	Status	Remove
asd	asd	1 Subscription	25 May 2023 05:36:00 PM	—	Enabled	
DEVPORTAL	DEV	1 Subscription	31 Aug 2023 05:29:08 PM	31 Aug 2023 05:33:00 PM	Enabled	
RENTALS	RENTEES	4 Subscriptions	22 Jun 2023 07:11:54 PM	31 Aug 2023 04:49:00 PM	Enabled	
STACK	NIZAM	0 Subscriptions	22 Jun 2023 07:11:54 PM	—	Enabled	
Vishnu-TestGateway						
Application Name	Owner Name	Subscriptions	Date Created	Last Used	Status	Remove
test-dev	Vishnu	1 Subscription	31 Aug 2023 05:00:39 PM	—	Enabled	
Vishnu-TEST	Vishnu	1 Subscription	12 Jun 2023 05:45:53 PM	—	Enabled	

Step 58: Choose your Gateway and Give application a name and fill the Application owner info and click on save



The screenshot shows the 'Configure APIs and Applications' form. The 'Gateway' is set to 'Adil'. The 'Status' is 'Enabled'. The 'Application Name' is 'API-KEY-Controlled APP'. The 'Description' field is empty. The 'Application Owner Information' section shows 'Application Owner Name' as 'API-Key' and 'Application Owner User Name' as an empty field.

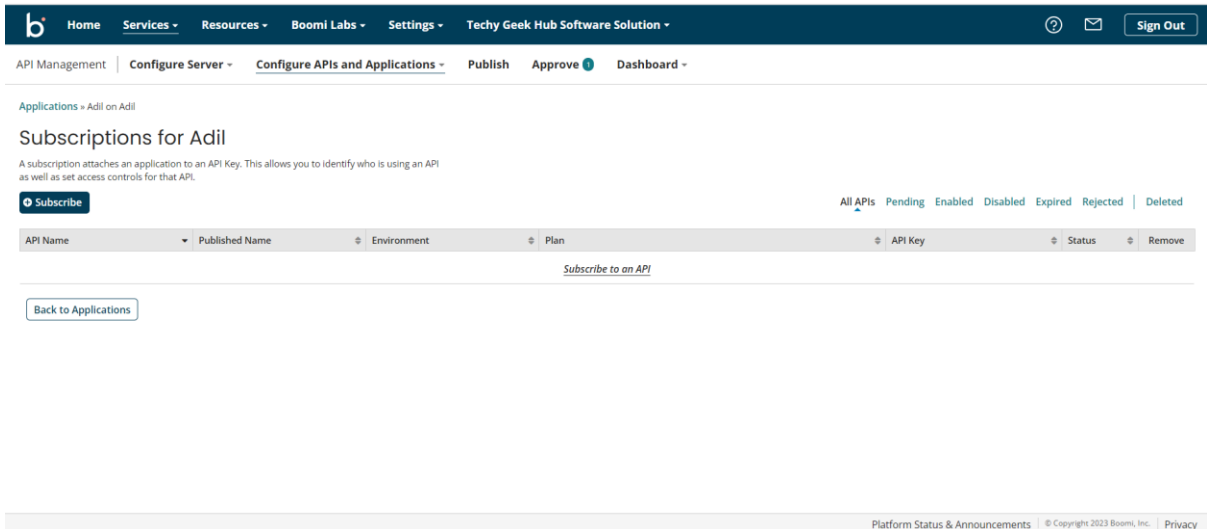
Step 59: You can see your Application here.

Application Name	Owner Name	Subscriptions	Date Created	Last Used	Status	Remove
Adil	Adil	0 Subscriptions	01 Sep 2023 01:31:52 PM	—	Enabled	

Step 60: Click on Subscriptions.

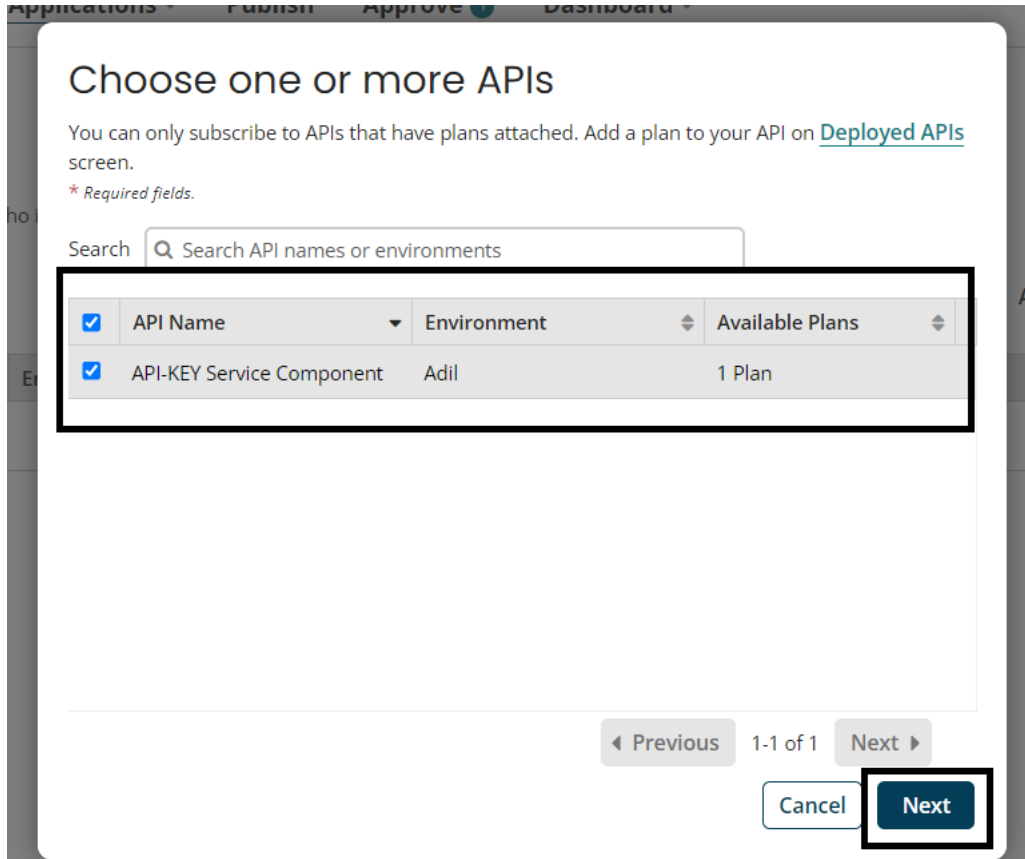
Application Name	Owner Name	Subscriptions	Date Created	Last Used	Status	Remove
Adil	Adil	0 Subscriptions	01 Sep 2023 01:31:52 PM	—	Enabled	

Step 61: Click on Subscribe to subscribe to an API

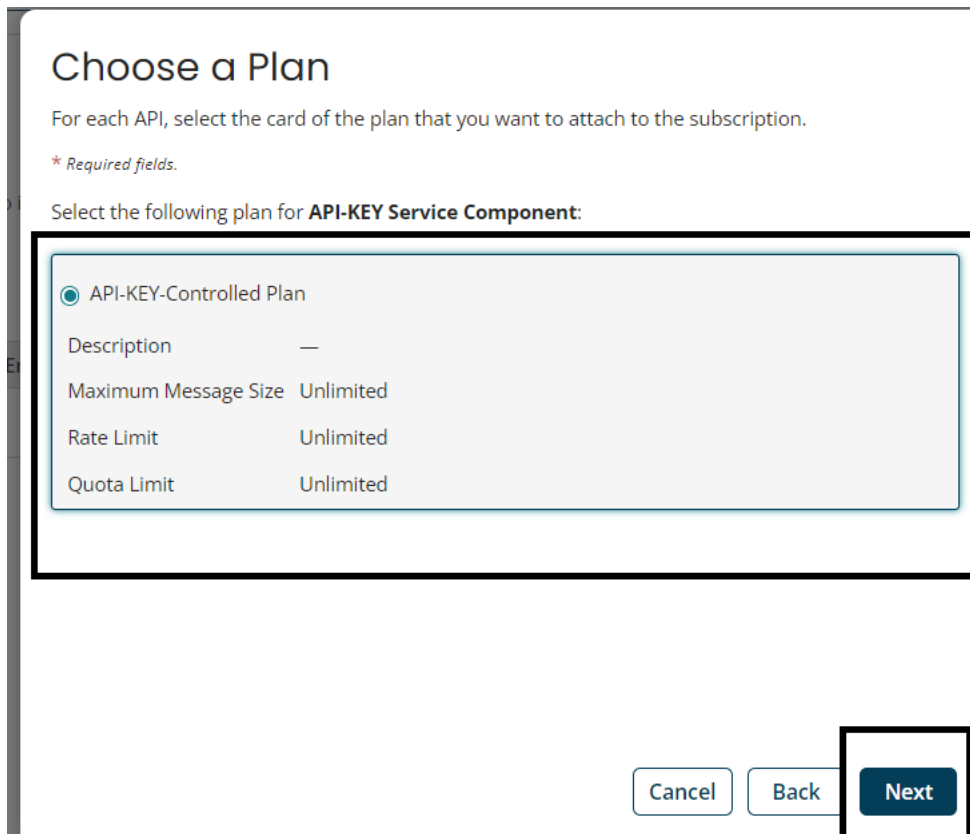


The screenshot shows the 'Subscriptions for Adil' page. It includes a 'Subscribe' button and a table with columns: API Name, Published Name, Environment, Plan, API Key, Status, and Remove. The table is currently empty.

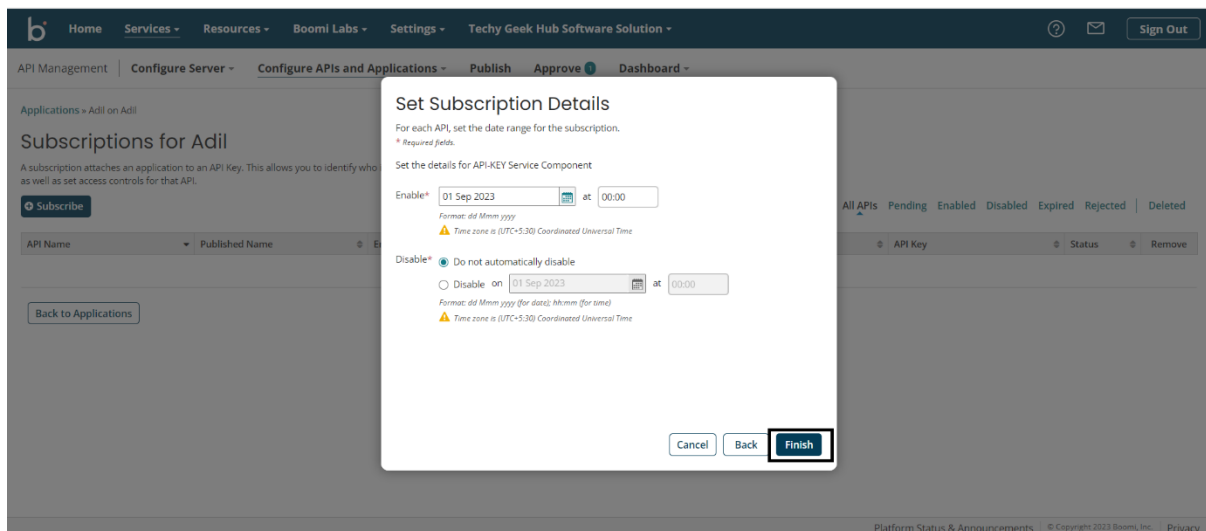
Step 62: Choose your API Service Component that has been Deployed and click on next.



Step 63: Choose your Plan and click on next.



Step 64: Choose a specific date range till you want user to be subscribed to this plan and click on finish.

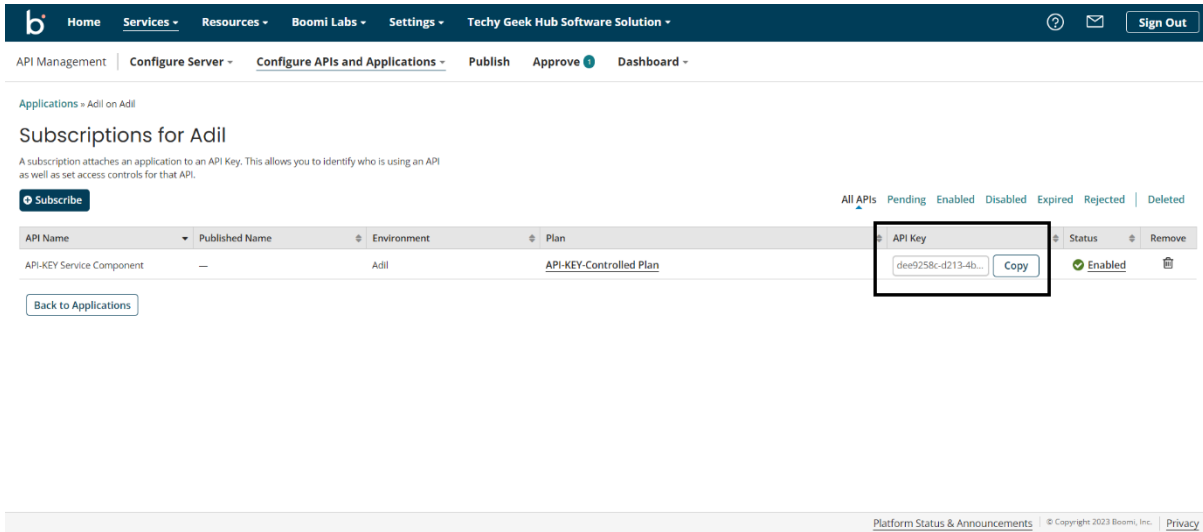


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Step 65: Your subscription is been added now you can see your API-KEY here just copy and save it to reuse it.



API Management | **Configure Server** | **Configure APIs and Applications** | Publish | Approve | Dashboard

Applications » Adil on Adil

Subscriptions for Adil

A subscription attaches an application to an API Key. This allows you to identify who is using an API as well as set access controls for that API.

[Subscribe](#)

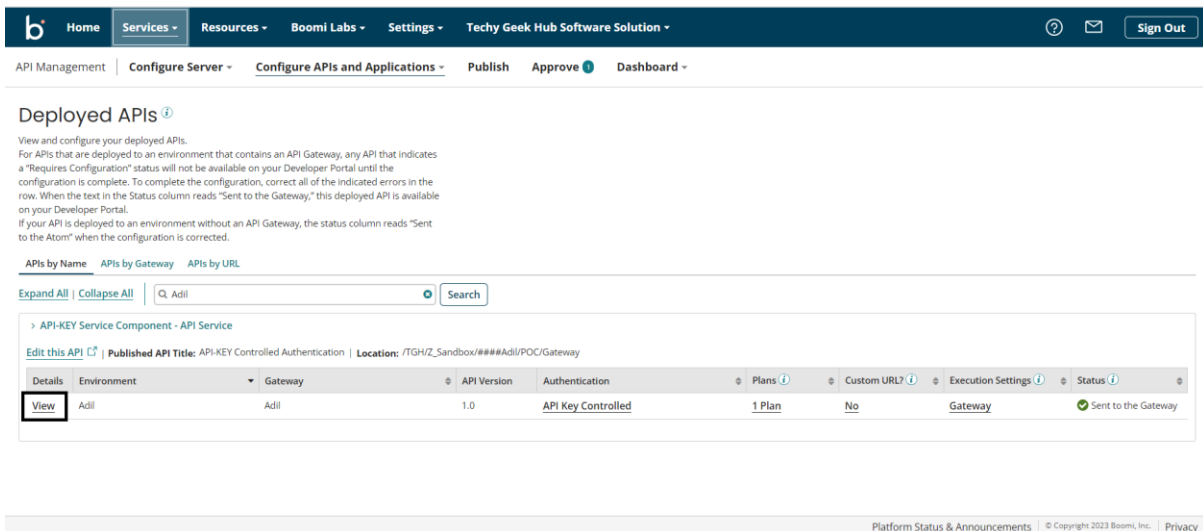
All APIs | Pending | Enabled | Disabled | Expired | Rejected | Deleted

API Name	Published Name	Environment	Plan	API Key	Status	Remove
API-KEY Service Component	—	Adil	API-KEY-Controlled Plan	dee9258c-d213-4b... Copy	Enabled	

[Back to Applications](#)

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Step 66: Go back to Deployed APIs and search your Gateway and Click on View.



API Management | **Configure Server** | **Configure APIs and Applications** | Publish | Approve | Dashboard

Deployed APIs

View and configure your deployed APIs. For APIs that are deployed to an environment that contains an API Gateway, any API that indicates a "Requires Configuration" status will not be available on your Developer Portal until the configuration is complete. To complete the configuration, correct all of the indicated errors in the row. When the text in the Status column reads "Sent to the Gateway," this deployed API is available on your Developer Portal. If your API is deployed to an environment without an API Gateway, the status column reads "Sent to the Atom" when the configuration is corrected.

APIs by Name | APIs by Gateway | APIs by URL

Expand All | Collapse All | [Search](#)

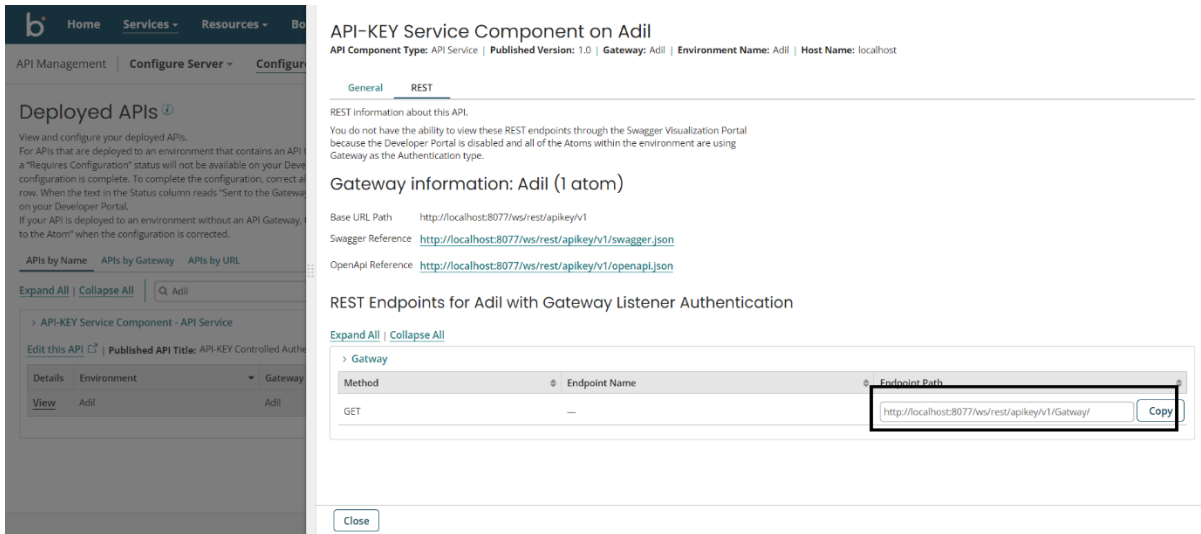
> API-KEY Service Component - API Service

[Edit this API](#) | Published API Title: API-KEY Controlled Authentication | Location: /TGH/Z_Sandbox/###Adil/POC/Gateway

Details	Environment	Gateway	API Version	Authentication	Plans	Custom URL	Execution Settings	Status
View	Adil	Adil	1.0	API Key Controlled	1 Plan	No	Gateway	Sent to the Gateway

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Step 67: Click on Rest tab and copy your endpoint.



API-KEY Service Component on Adil
API Component Type: API Service | Published Version: 1.0 | Gateway: Adil | Environment Name: Adil | Host Name: localhost

General REST

REST information about this API.
You do not have the ability to view these REST endpoints through the Swagger Visualization Portal because the Developer Portal is disabled and all of the Atoms within the environment are using Gateway as the Authentication type.

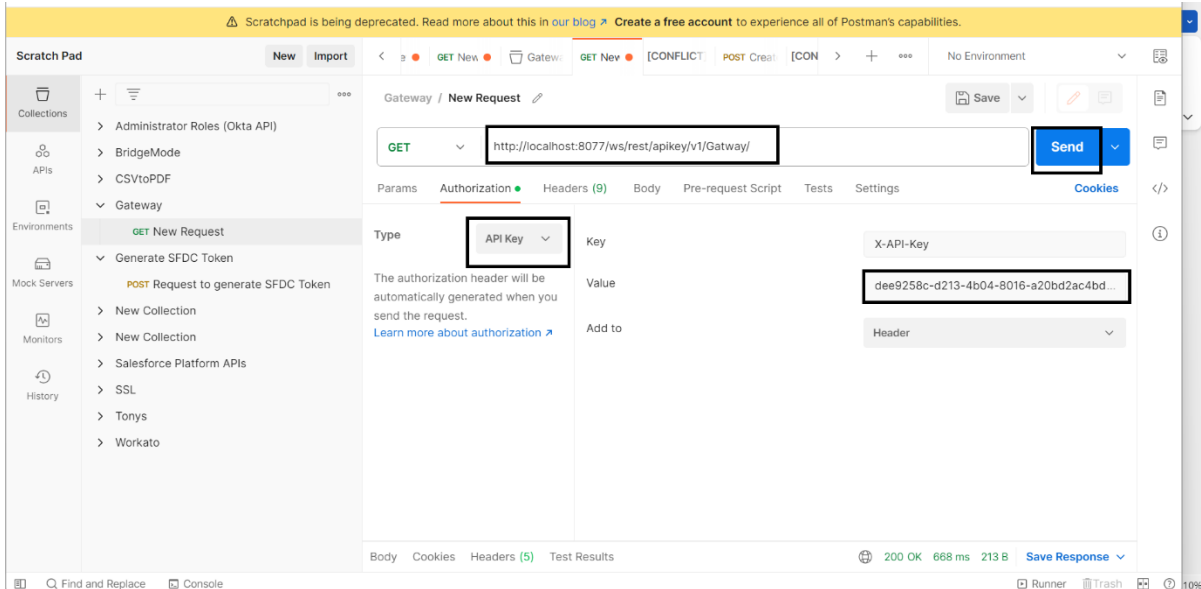
Gateway information: Adil (1 atom)

Base URL Path <http://localhost:8077/ws/rest/apikey/v1>
Swagger Reference <http://localhost:8077/ws/rest/apikey/v1/swagger.json>
OpenApi Reference <http://localhost:8077/ws/rest/apikey/v1/openapi.json>

REST Endpoints for Adil with Gateway Listener Authentication

Method	Endpoint Name	Endpoint Path
GET	-	http://localhost:8077/ws/rest/apikey/v1/Gateway/ Copy

Step 68: Open Postman to consume your API paste your endpoint here and choose authorization as API Key and paste the value of API Key that we got on 65th Step on the Value section and click on Send to consume your API.



Scratchpad is being deprecated. Read more about this in our blog. Create a free account to experience all of Postman's capabilities.

Gateway / New Request

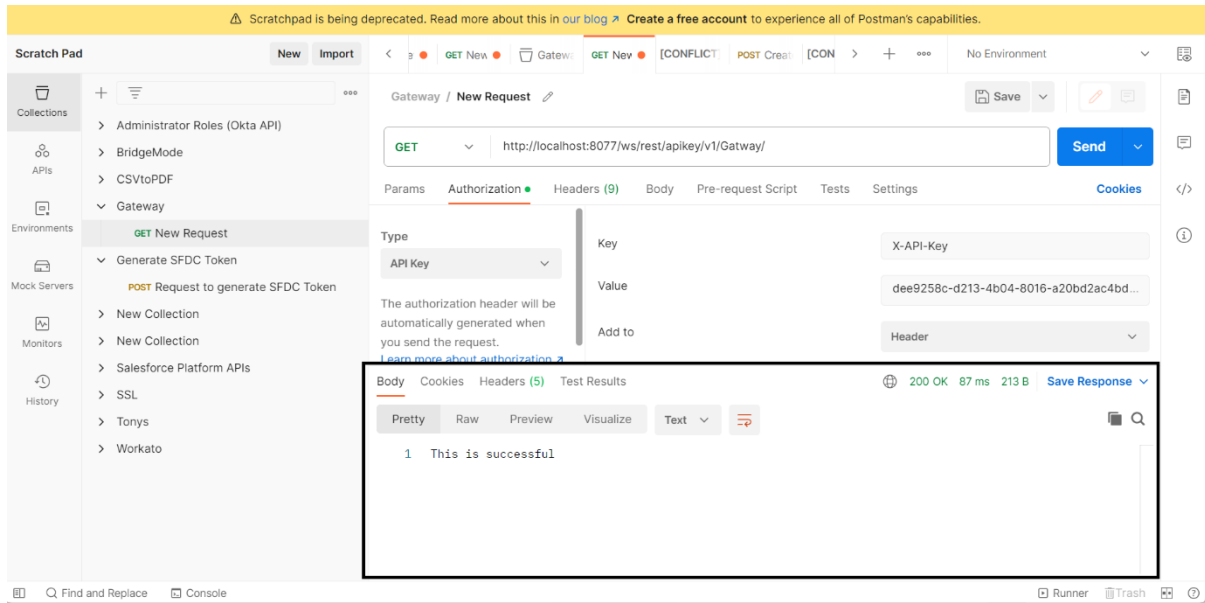
GET <http://localhost:8077/ws/rest/apikey/v1/Gateway/> Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies

Type **API Key** Key Value X-API-Key
Value [dee9258c-d213-4b04-8016-a20bd2ac4bd...](#)

Body Cookies Headers (5) Test Results 200 OK 668 ms 213 B Save Response

Step 69: You can see you API response here.





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