



TGH

Making Integrations Simpler

boomi
Partner



SEND AND GET DATA TO BOOMI EVENT STREAM

Author
Adrish Roy



Contents

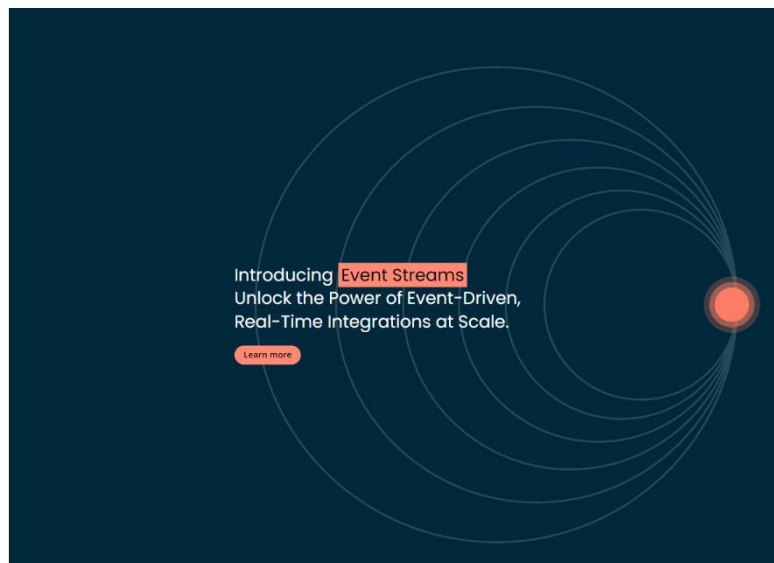
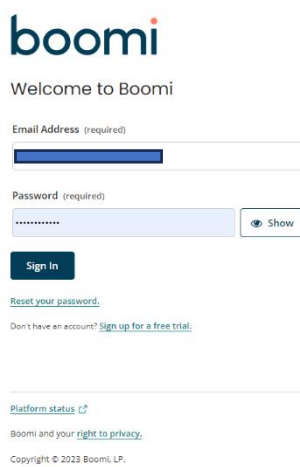
Boomi Event Stream Configuration.....	2
Send Data To Boomi Event Stream	10
Get Data From Boomi Event Stream	15

Boomi Event Stream Configuration

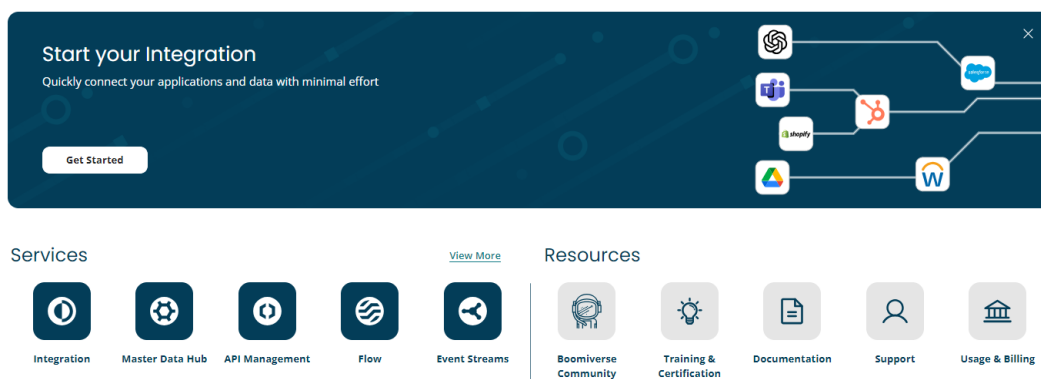
What is event stream in Boomi?

Boomi Event Streams is a cloud-native, event-driven, message queueing solution built into the Boomi AtomSphere Platform, making it easy to create high-performance, scalable, event-driven connections for demanding integration use cases.

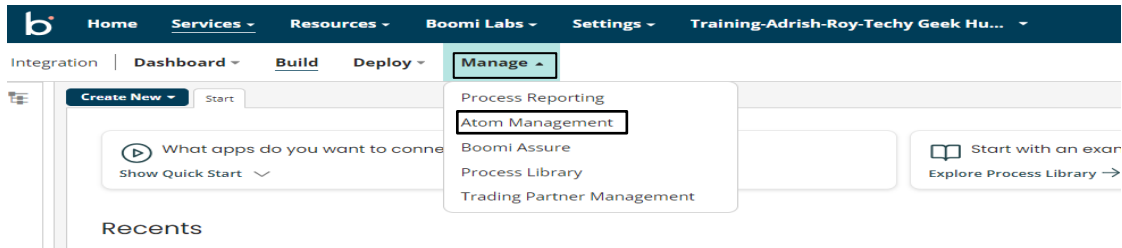
STEP 1: Log onto the Boomi platform <https://platform.boomi.com> with the required credentials i.e. Email Address and Password.



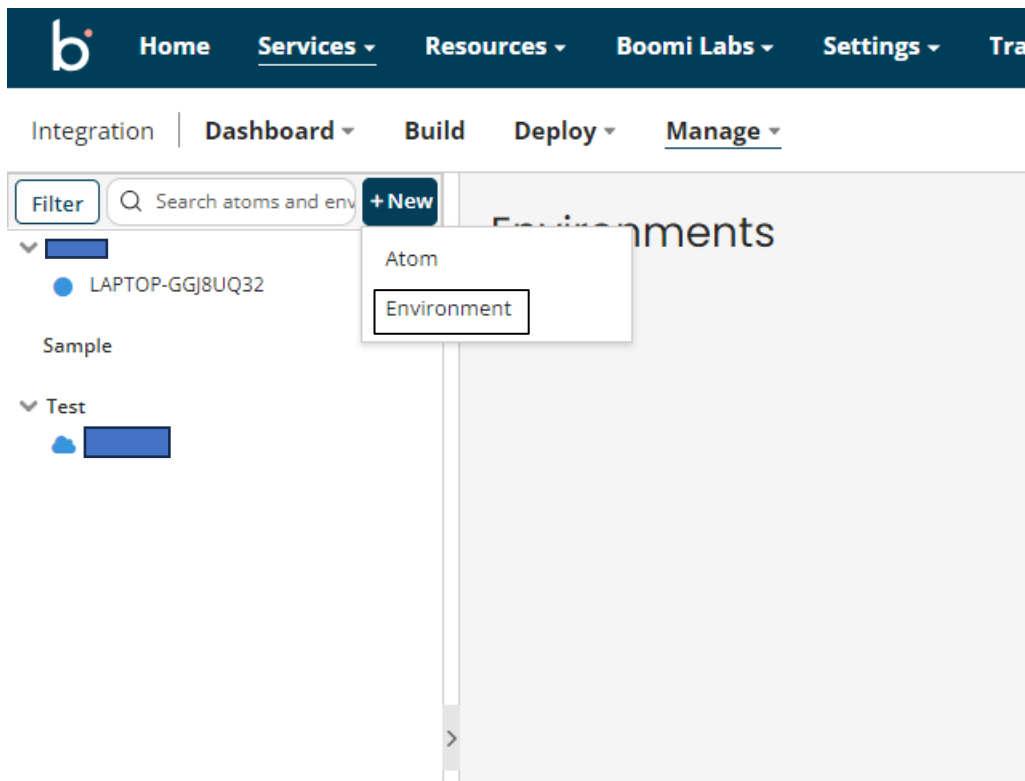
STEP 2: Once you have logged into the Boomi platform, you can view the Home page.



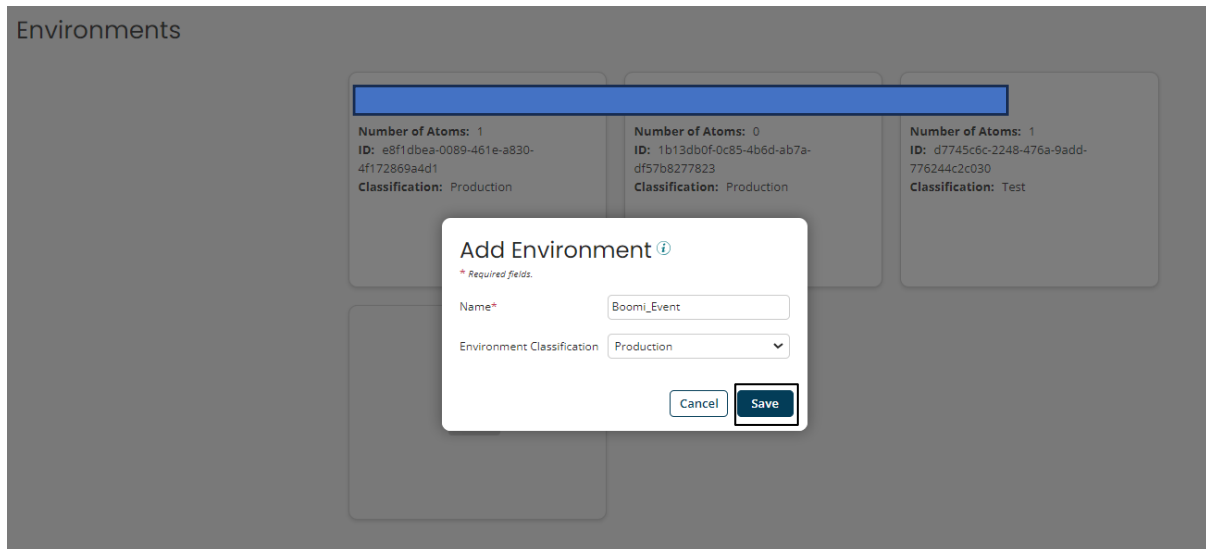
STEP 3: Navigate to the Manage Tab and click on Atom Management.



STEP 4: Navigate to +New and click on Environment.



STEP 5: Give the name of the Environment and select Environment Classification (In this Process I have used Production Environment Classification).



STEP 6: Choose your Atom to attach to that Specific Environment which you have created in Step 5.

Boomi_Event

Information

Environment ID: 3488d94d-ecd9-449e-9aa0-dd96864f1be0
 Classification: Production

Configuration

Roles with Access: 0 items selected.

Choose additional roles

- Administrator
- Event Streams - Access
- Event Streams - Administrator
- MDM Administrator
- MDM Data Steward

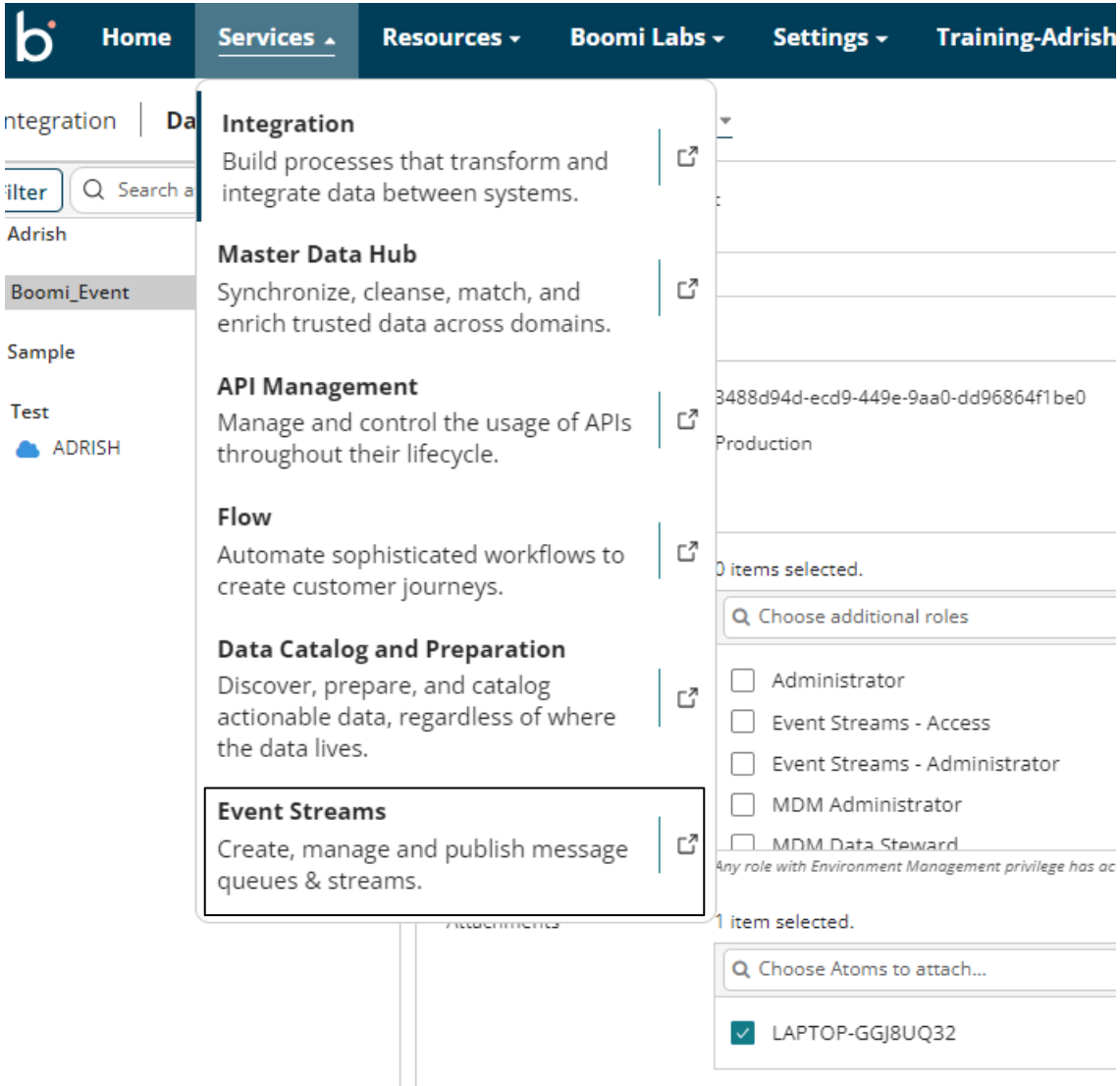
Any role with Environment Management privilege has access by default.

Attachments: 1 item selected.

Choose Atoms to attach...


- LAPTOP-GGJ8UQ32

STEP 7: By clicking on Services and then navigate to the Event Stream Tab .



The screenshot shows the Boomi user interface. At the top, there is a navigation bar with 'Home', 'Services', 'Resources', 'Boomi Labs', 'Settings', and 'Training-Adrish'. Below this, a search bar contains 'Boomi_Event'. A dropdown menu is open under 'Services', listing several options: 'Integration', 'Master Data Hub', 'API Management', 'Flow', 'Data Catalog and Preparation', and 'Event Streams'. The 'Event Streams' option is highlighted with a red rectangular box. To the right of the dropdown, a search results panel is visible, showing '0 items selected.' and a search bar with the text 'Choose additional roles'. Below this, a list of roles is shown with checkboxes: 'Administrator', 'Event Streams - Access', 'Event Streams - Administrator', 'MDM Administrator', and 'MDM Data Steward'. The 'Event Streams - Access' role is selected, and the text '1 item selected.' is displayed below the list.

STEP 8: Click on “Get Started for free”.



Event Streams

Boomi Event Streams is a fully managed message queuing solution for your most demanding integrations. Try our free Starter Edition to gain hands-on experience building event-driven integrations.

- ✓ Pub/Sub, FIFO, Queuing
- ✓ Guaranteed message delivery and ordering
- ✓ Dashboard and monitoring
- ✓ External connectivity

[Get started for free](#)

*Starter Edition Includes 120k messages per year. [Learn more.](#)

STEP 9: Click on Accept.

Terms and Conditions

BY CLICKING ACCEPT, YOU (“CUSTOMER”) AGREE TO THE BOOMI MASTER SERVICES AGREEMENT TERMS AND CONDITIONS FOUND AT WWW.BOOMI.COM/MSA FOR THIS STARTER EDITION OF EVENT STREAMS (THE “FREE TRIAL”) AND THE CONTINUED USE OF THE BOOMI SERVICES (UNLESS CUSTOMER AND BOOMI ENTERED INTO A NEGOTIATED MSA, IN WHICH CASE, THE NEGOTIATED MSA WILL GOVERN THE TERMS OF THIS FREE TRIAL) (THE “AGREEMENT”). THESE TERMS ARE HEREBY FULLY INCORPORATED INTO THE TRANSACTION AND ARE AVAILABLE IN HARDCOPY FROM BOOMI UPON REQUEST. IF YOU REGISTER ON BOOMI’S WEBSITE FOR THIS FREE TRIAL, BOOMI WILL MAKE THE APPLICABLE SERVICE AVAILABLE TO YOU ON A TRIAL BASIS FREE OF CHARGE UNTIL THE EARLIER OF (A) THE END OF THE FREE TRIAL PERIOD FOR WHICH YOU REGISTERED TO USE THE APPLICABLE SERVICE, WHETHER SUCH END DATE IS BASED ON A TIME PERIOD OR USAGE LIMITS AS SET FORTH IN THE PRODUCT DOCUMENTATION; (B) THE START DATE OF ANY PURCHASED SERVICE SUBSCRIPTIONS ORDERED BY CUSTOMER FOR SUCH SERVICE(S) INCLUDED IN THE FREE TRIAL; OR (C) TERMINATION OF THE FREE TRIAL BY BOOMI IN ITS SOLE DISCRETION. THE FREE TRIAL MAY BE USED ONLY TO REVIEW, DEMONSTRATE AND EVALUATE THE SOFTWARE AND MAY HAVE

[Cancel](#) [Accept](#)

STEP 10: Click on View Details.

Environments

Use Environments to logically group related topics.

Boomi_Event

usa-east-1

ID
3488d94d-ecd9-449e-9aa0-dd96864f1be0

Topics	Subscriptions
0	0

[View Details →](#)

STEP 11: Navigate to Settings Option and Copy the Token.

Boomi_Event

Overview **Settings**

Settings

Configure settings that apply to all topics in this environment.

Environment ID

3488d94d-ecd9-449e-9aa0-dd96864f1be0

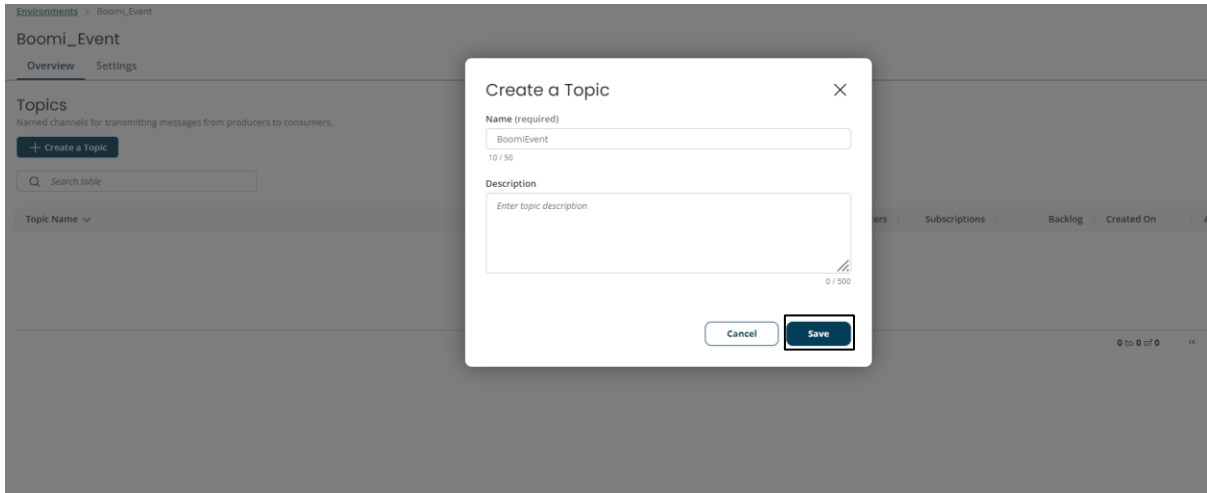
Copy

Token

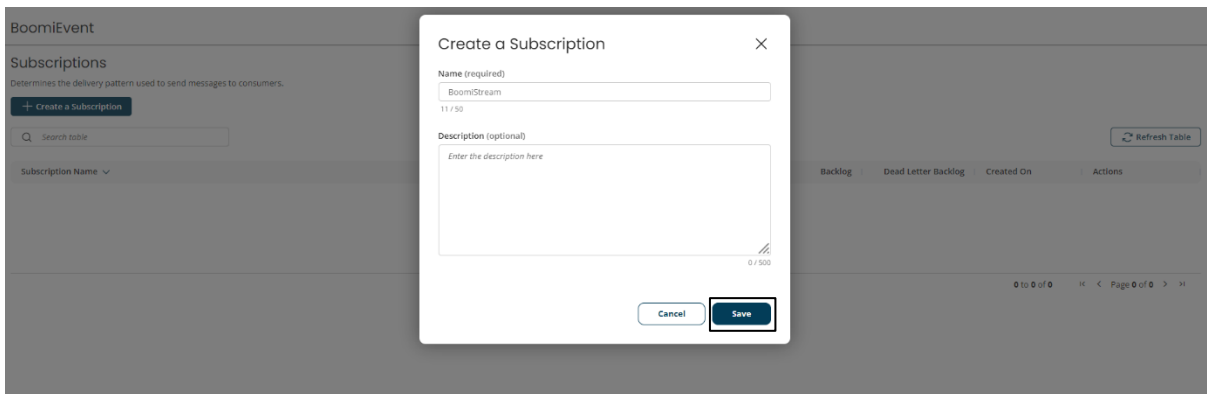
eyJhbGciOiJIUzI1NiIsInR5cCI6IkpzZWV0IiwiaWF0IjoiYjZdWiiOjIjbnYtMzQ0OGQ5NGQtZW5kOS00NDI

Copy

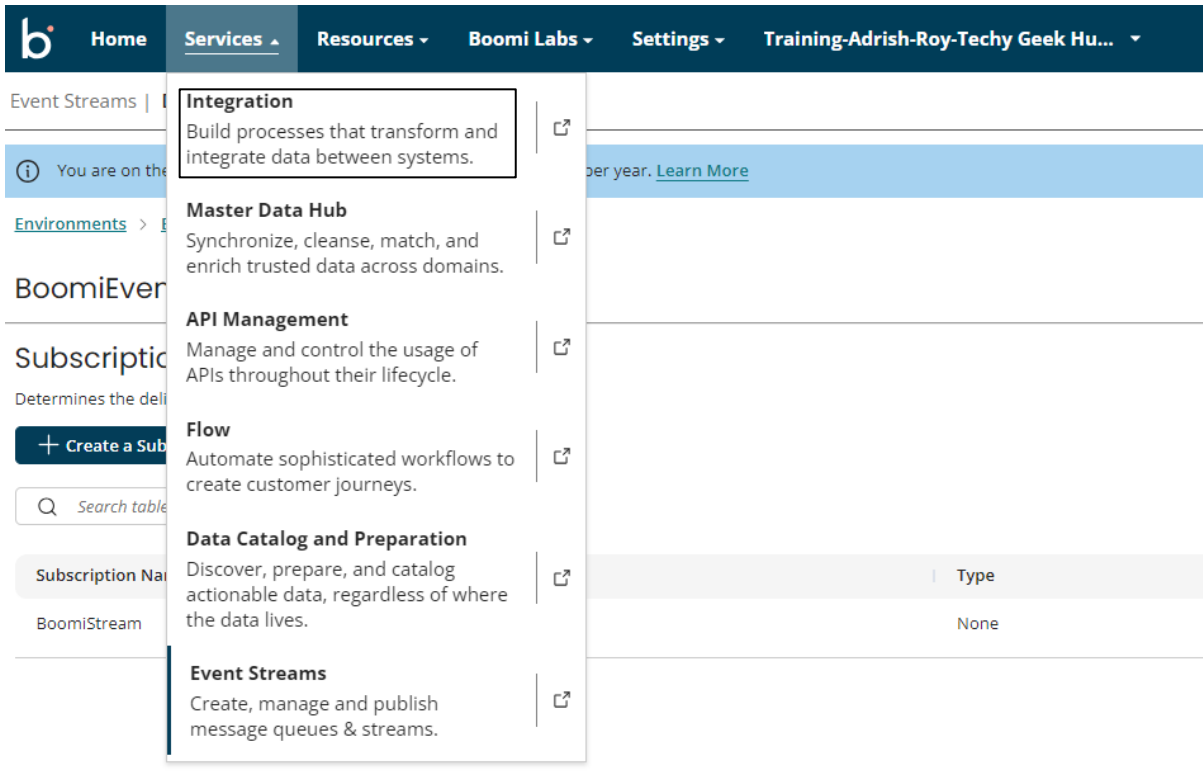
STEP 12: Navigate to the Overview Tab and click on '+Create a Topic' and give the name of the Topic and click on Save.



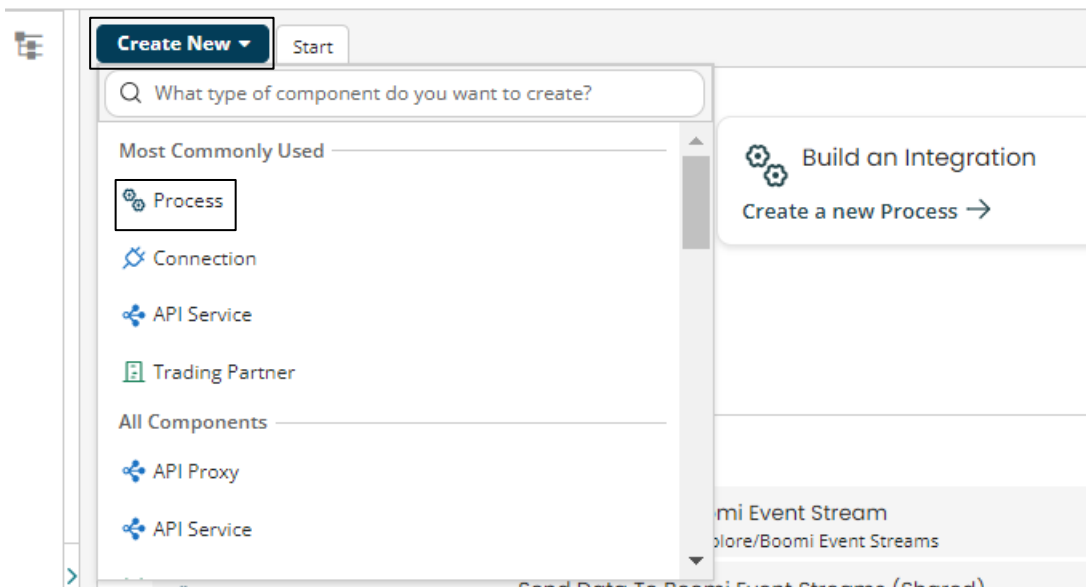
STEP 13: Click on '+Create a Subscription' and give the name of the Subscription and click on Save.



STEP 14: Navigate to the Services tab and click on Integration.

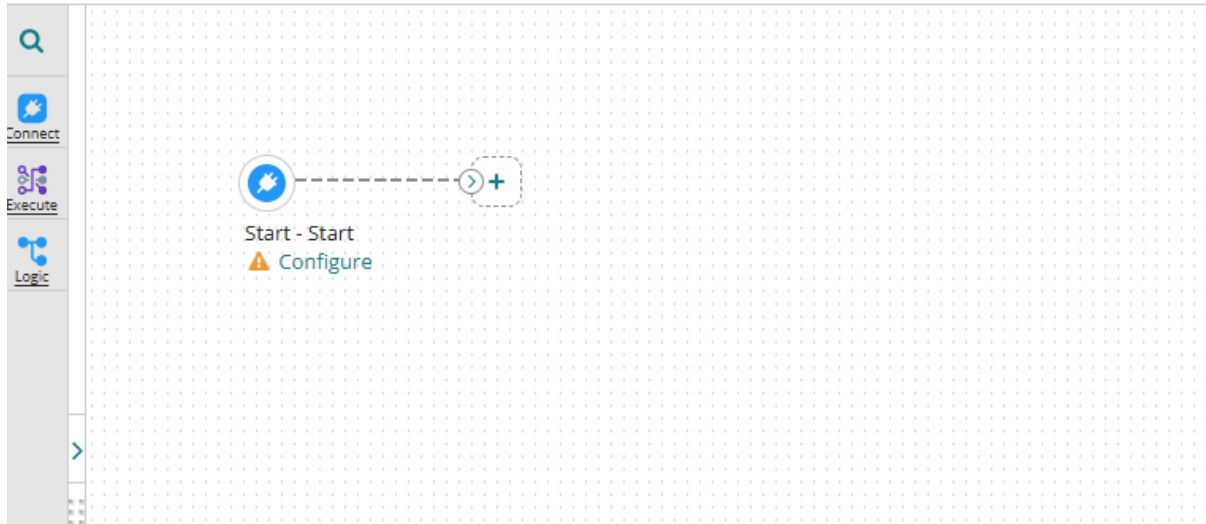


STEP 15: Navigate to Create New and select Process from the Dropdown.



Send Data To Boomi Event Stream

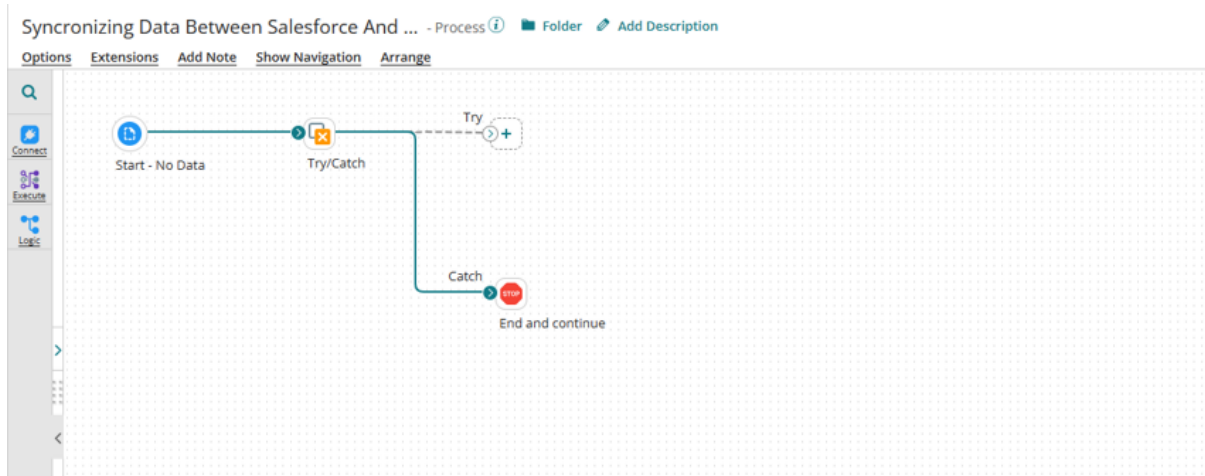
STEP 16: Once you clicked on New, you can create a process. You see that the process gets created with a start shape with a connector type



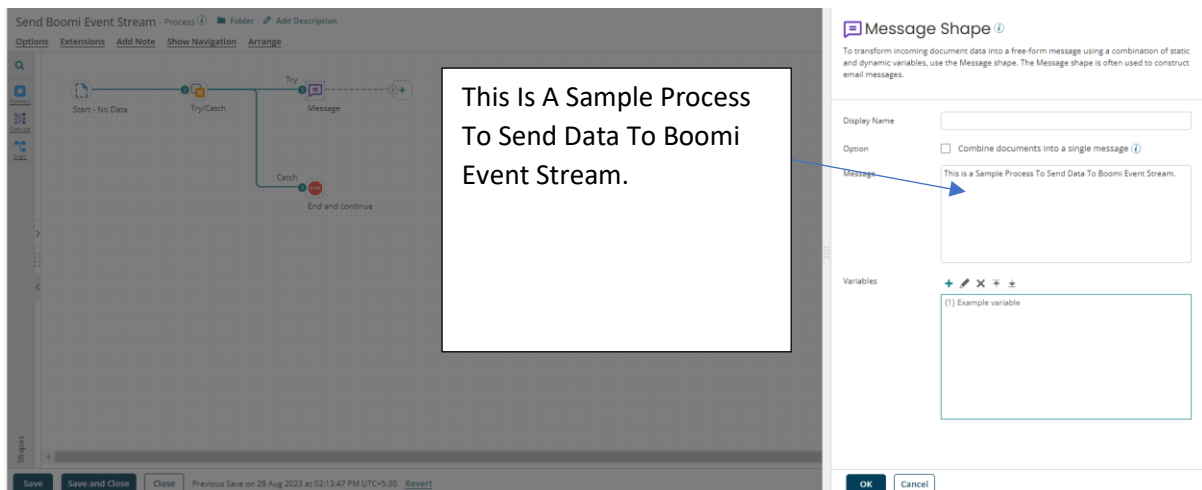
STEP 17: Click on the start shape and select no data in Type. Select save.



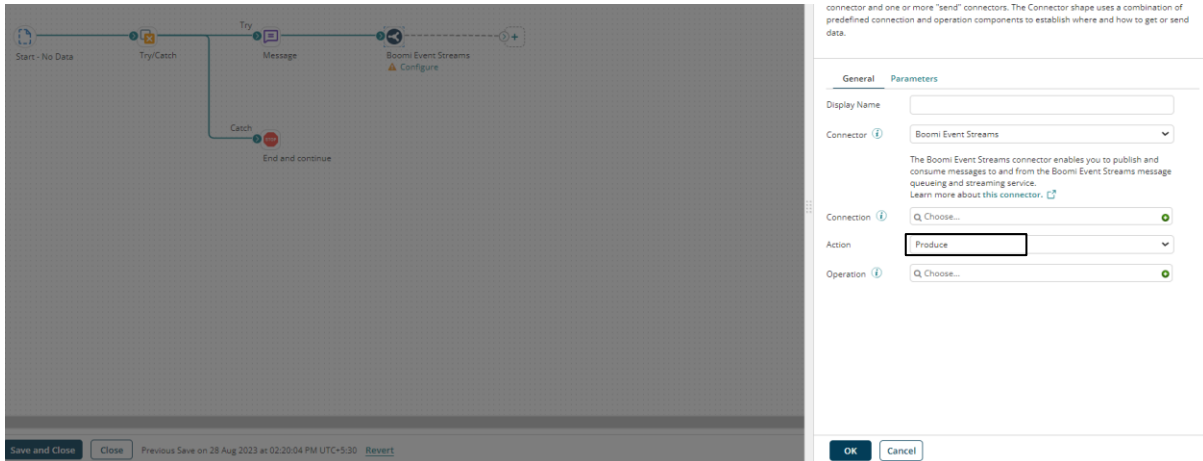
STEP 18: Drag and Drop Try /catch shape from the shape pallette and add the stop shape to the catch branch.



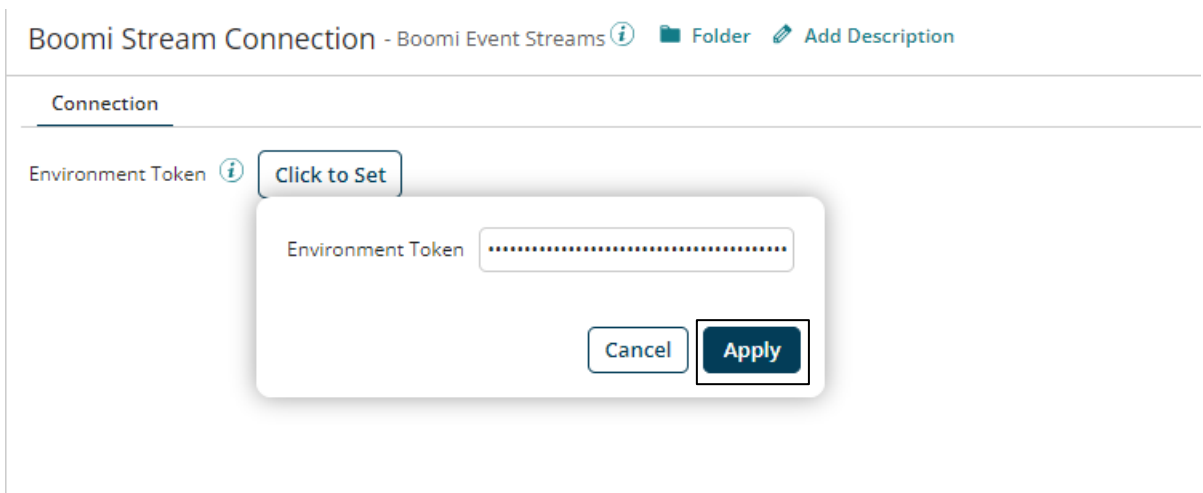
STEP 19: Drag and drop Message Shape from the Shape Palette and write one sample message.



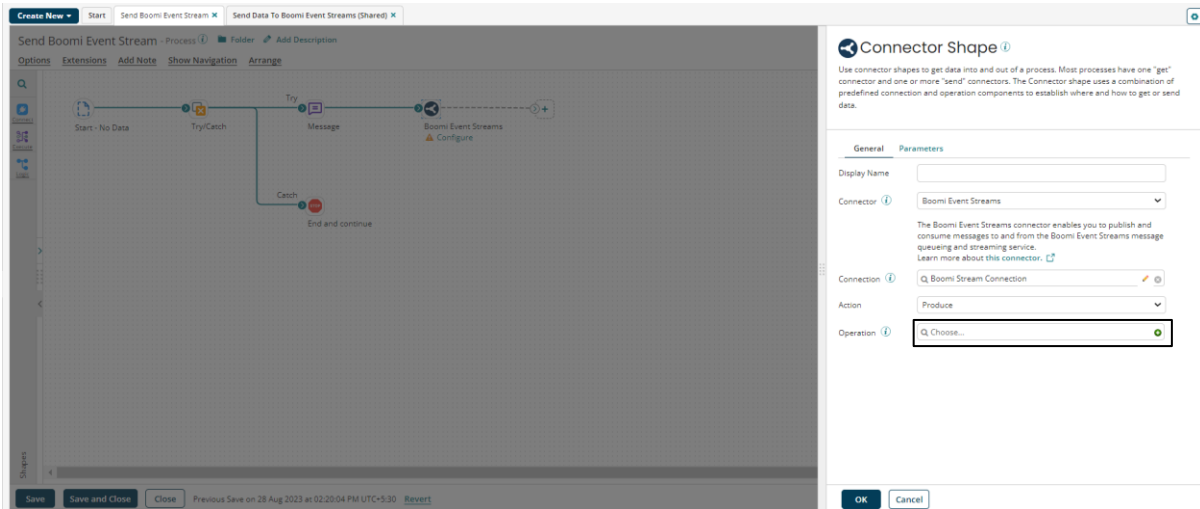
STEP 20: Drag and drop the Boomi Event Stream connector from the Shape Palette and set the action as 'Produce' to send the Data to the Boomi Event Stream.



STEP 21: Configure the connection settings of the Boomi Event Stream. In the connection settings paste the environment token we got from Step 11.



STEP 22: Configure the Operation by clicking on + sign.



STEP 23: Mention the name of the Topic where the message should be stored.

Boomi Stream Operation - Boomi Event Streams Operation ⓘ Folder Add Description

Options Archiving Tracking Caching

Connector Action: Produce

Object Request Profile: Unstructured

Tracking Direction ⓘ: Input Documents Output Documents

Error Behavior: Return Application Error Responses ⓘ

Topic ⓘ:

Access Mode ⓘ: Shared

Message Compression ⓘ: NONE

Message Properties ⓘ

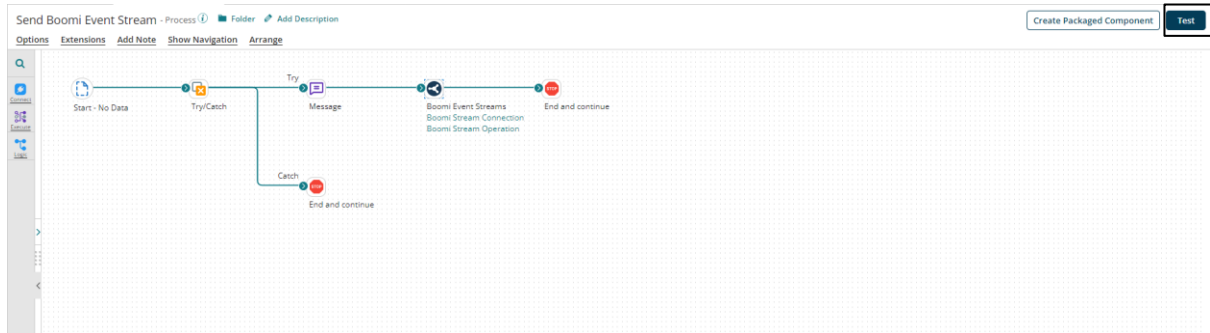
Key	Value	Encrypt Value	Remove
No custom properties are defined.			

[Add Property](#)

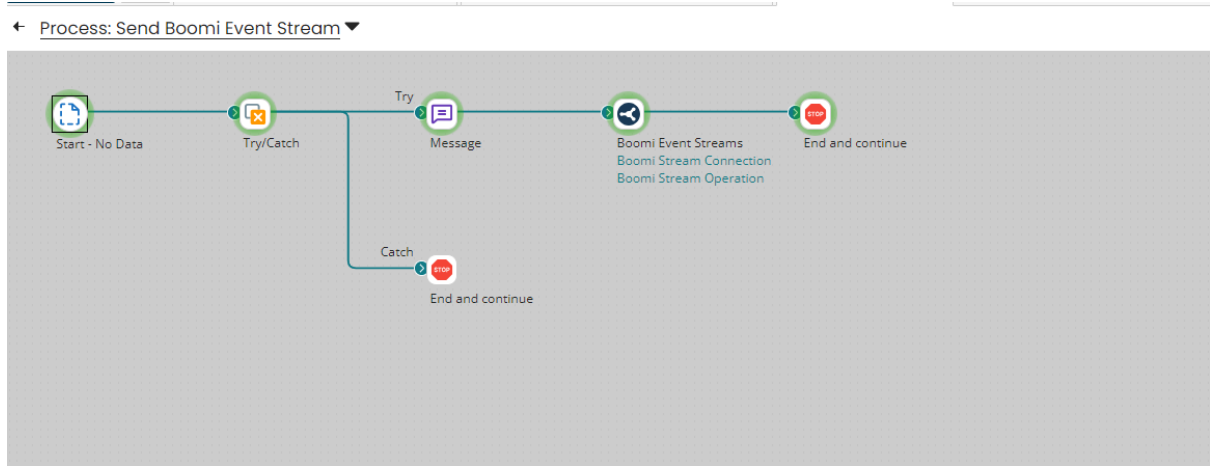
[Save](#) [Save and Close](#) [Close](#) Previous Save on 28 Aug 2023 at 02:30:36 PM UTC+5:30 [Revert](#)



STEP 24: Rearrange all the shapes according to the below images and click on “Test” to execute the below process.



We can see process got successfully executed and messages are stored in Boomi Event Stream Queue.



BoomiEvent

Subscriptions

Determines the delivery pattern used to send messages to consumers.

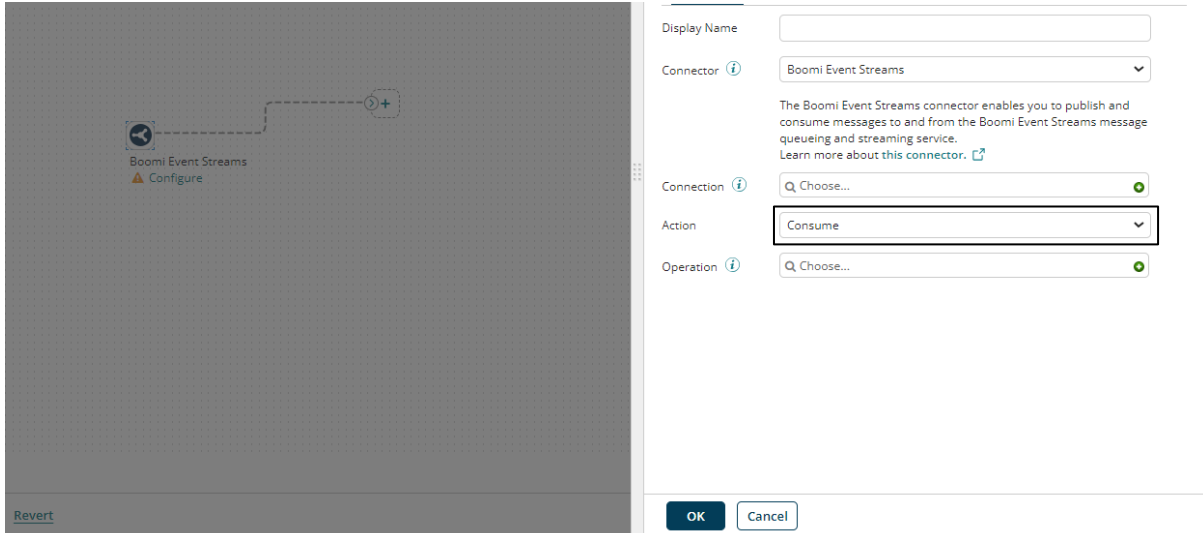
[+ Create a Subscription](#)

[Refresh Table](#)

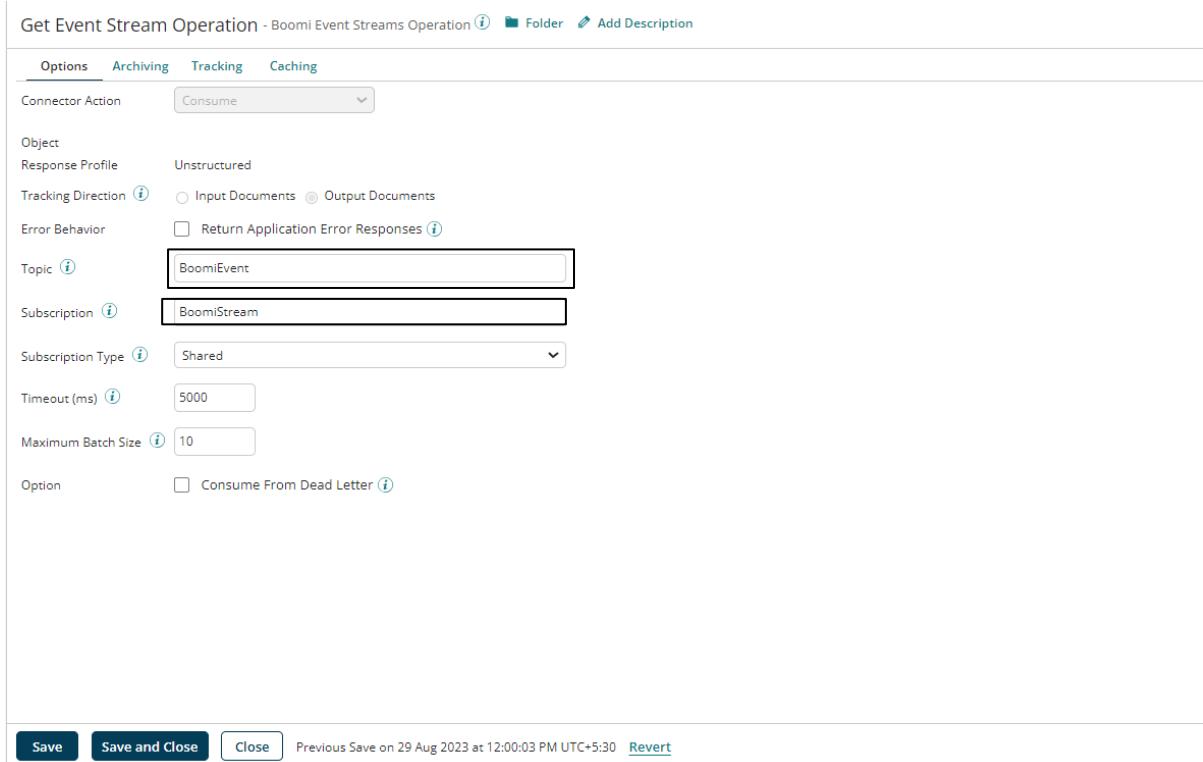
Subscription Name	Type	Rate Out (msg/s)	Backlog	Dead Letter Backlog	Created On	Actions
BoomiStream	None	0	2	0	28 Aug 2023	Remove

Get Data From Boomi Event Stream

STEP 25: To get the data from Boomi Event Stream change the action to ‘CONSUME’ and reuse the connection set in Step 21.



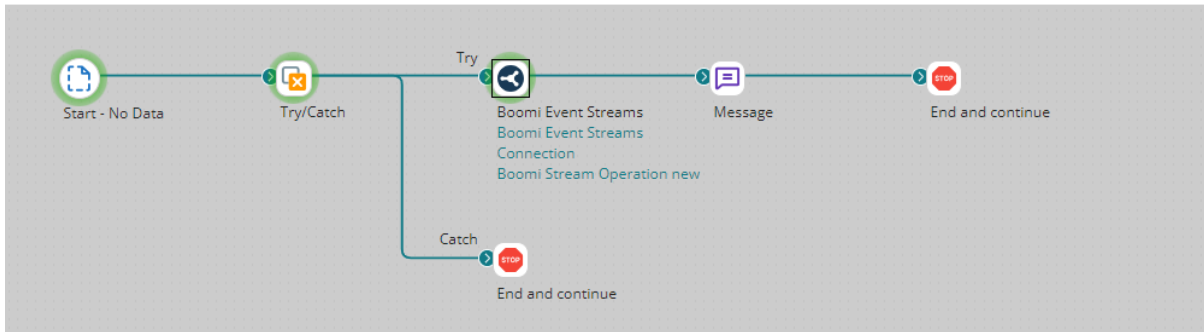
STEP 26: Configure the Operation. Provide the Topic name and Subscription name as set in Step 12 and Step 13 Respectively.



STEP 27: Drag and drop the message shape from the shape pallet and use it to display a message as shown below.

STEP 28: Rearrange the shape according to the below image and test the process.

We can see process successfully executed.





TGH

Making Integrations Simpler



TGH Software Solutions Pvt. Ltd.

www.techygeekhub.com

At TGH, we specialize in driving digital transformation through seamless Integration Technologies.

Operating as an INTEGRATION FACTORY, we serve as a one-stop shop for all your integration needs. Our expert team is well-versed in enterprise software and legacy system integration, along with leading iPaaS technologies like Boomi, MuleSoft, Workato, OIC, and more.

We're committed to enhancing business processes and solving problems through our integration expertise.



Email address

connect@techygeekhub.com



Phone number

+ 011-40071137
+ 91-8810610395



Our offices

Noida Office

iThum
Plot No -40, Tower A,
Office No: 712,
Sector-62, Noida,
Uttar Pradesh, 201301

Hyderabad Office

Plot no: 6/3, 5th Floor,
Techno Pearl Building,
HUDA Techno Enclave,
HITEC City, Hyderabad,
Telangana 500081

