



Azure Service Bus Adapter for SAP Integration Suite

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Contents

1.	Introduction.....	4
1.1	Objective.....	4
1.2	Coding Samples.....	4
1.3	Internet Hyperlinks.....	4
1.4	Overview.....	4
1.5	Features.....	5
2.	Installation and Configuration.....	6
2.1	Azure Service Bus Adapter Installation on Cloud Foundry.....	6
2.1.1	Prerequisites.....	6
2.1.2	Procedure.....	6
2.1.2.1	Adapter Installation by Creating a New Integration Flow.....	7
2.1.2.2	Adapter Installation without Creating a New Integration Flow.....	7
2.2	Monitor the Deployment Status.....	8
3.	Getting Started: Azure Service Bus Adapter.....	10
3.1	Application Configuration.....	10
3.2	Authentication.....	10
3.2.1	Creating Secure Parameter in Security Material.....	11
3.3	Architecture Overview.....	13
3.3.1	Sender Adapter.....	13
3.3.2	Receiver Adapter.....	13
4.	Azure Service Bus Adapter Configuration.....	14
4.1	Sender Adapter.....	14
4.1.1	General tab.....	14
4.1.2	Connection Tab.....	15
4.1.3	Processing Tab.....	18
4.2	Receiver Adapter.....	20
4.2.1	General tab.....	20
4.2.2	Connection Tab.....	20
4.2.3	Processing Tab.....	23
5.	Azure Service Bus Adapter Operations.....	26
5.1	Sender Adapter.....	26
5.1.1	Queue.....	26
5.1.2	Topic.....	27

5.2	Receiver Adapter	29
5.2.1	Queue	29
5.2.2	Topic	30
6.	Support	32
6.1	Troubleshooting	32
7.	References	33
7.1	Message Properties	33

1. Introduction

1.1 Objective

This is the official guide for the Azure Service Bus Adapter for SAP Integration Suite. This guide covers all relevant information for integration developers to start working with the Azure Service Bus adapter. Read this guide carefully before using the Adapter.

1.2 Coding Samples

Any software coding and/or code lines/strings ("Code") included in this documentation are only examples and are not intended to be used in a productive system environment. The Code is only intended to better explain and visualize the syntax and phrasing rules of certain coding. The correctness and completeness of the Code given herein are not guaranteed.

1.3 Internet Hyperlinks

The documentation may contain hyperlinks to the Internet. These hyperlinks are intended to serve as a hint about where to find related information. The availability and the correctness of this related information or the ability of this information to serve a particular purpose are not warranted.

1.4 Overview

Azure Service Bus is a cloud-based messaging service designed for highly accurate, reliable communication between distributed applications.

The Azure Service Bus adapter for SAP Integration Suite facilitates integration with Azure Service Bus by allowing you to perform message publish and subscribe. The Azure Service Bus Adapter is available as sender and receiver adapter that simplifies and streamlines message-based workflows for Queues and Topics.

1.5 Features

Azure Service Bus adapter has the following features:

- Sender Adapter allows consuming messages via **Queue** and **Topic** entity types.
- Receiver Adapter allows publishing messages to **Queue** and **Topic** entity types.
- Supports **Microsoft Entra ID** and **Shared Access Signature** authentication methods.
- Sender Adapter performs **Duplicate Check** to suppress duplicate processing of messages with same message ID.
- Sender Adapter has a **Polling** mechanism for receiving messages.
- Sender Adapter provides multiple message handling options in case of failure, like **Acknowledge, Keep and Process Again, Move to Dead Letter Queue, and Defer.**
- Receiver Adapter allows publishing messages using multiple content types (including **JSON, XML, and PLAIN** text).
- Receiver Adapter allows you to specify **Broker Properties** and **Custom Properties** for message creation.

2. Installation and Configuration

This section details the file(s) available as part of the installation package and the prerequisites to configure the Azure Service Bus adapter.

 The Azure Service Bus adapter is available as part of your SAP Integration Suite license.

Before you begin, you must download the Azure Service Bus plugin bundle from the SAP Marketplace that contains the file(s) listed in the following section.

2.1 Azure Service Bus Adapter Installation on Cloud Foundry

Before the adapter can be used in the Cloud Foundry environment, it must be deployed to the SAP Integration Suite tenant.

 To access all adapter variants and features, ensure that your adapter packages are up to date. For more information on how to update your adapter to the latest version, see [Updates for SAP's Integration Packages](#).

2.1.1 Prerequisites

To deploy the Azure Service Bus adapter, you must have access to "Azure Service Bus Adapter for SAP Integration Suite" as part of your SAP Integration Suite license.

2.1.2 Procedure

 The below installation procedure is compatible with Apache Camel 2, Apache Camel 3, and the Edge Integration Cell (EIC) platform.

You can deploy the adapter using the following methods:

2.1.2.1 Adapter Installation by Creating a New Integration Flow

The Azure Service Bus adapter is available for selection in the sender and receiver adapter list and can be deployed in the **Design** tab directly as you use it in an Integration flow.

Purpose

To install an adapter for use in your Integration flow.

Procedure

Go to **Design** workspace and select the integration package where you want to create a new Integration flow.

1. Click **Edit** to make the package editable.
2. Go to the **Artifacts** tab. Click **Add** and select **Integration Flow**.
3. Enter **Name** and **ID** for your flow. Additionally, select **Runtime Profile** from the drop-down and choose **Sender** and **Receiver** systems from the list . Finally, click **Add** to create the integration flow.
4. Go to the newly created integration flow and click **Edit** to make it editable.
5. In the integration flow, click **End** to add a **Connector**  between the **End** and the **Receiver Box**.

A drop-down with the available adapters appears. The **Azure Service Bus** adapter should show up in the list.

6. Select the **Azure Service Bus** adapter from the list. The adapter is now imported which *triggers* an adapter deployment. Once Azure Service Bus Adapter is deployed, a success message is displayed.

After the above steps are done, the Azure Service Bus Adapter is successfully deployed in your Design workspace of the SAP Integration Suite tenant.

2.1.2.2 Adapter Installation without Creating a New Integration Flow



The following procedure describes how the Azure Service Bus adapter is migrated from the Discover workspace to the Design workspace of the SAP Integration tenant.

This method is useful for scenarios where integration flow packages are migrated from development to a higher environment such as Production.

The Azure Service Bus adapter can be imported into the Design workspace without creating an integration flow. Use the Transport Management Service (TMS) to import/transport the Azure Service Bus adapter to a higher environment. Alternatively, If the TMS is not available in the landscape, the adapter package can be imported to the Design workspace by copying it from the Discover workspace.

Purpose

To copy the integration package from the Discover workspace and import the Azure Service Bus adapter to the Design workspace, follow these steps:

Procedure

1. Go to **Discover** workspace.
2. In the search box, search for the **Azure Service Bus adapter for SAP Integration Suite** package.
3. Select the package and click **Copy**. This copies the package from the Discover workspace to the Design workspace.
4. Go to Design workspace and select the copied **Azure Service Bus adapter for SAP Integration Suite** package.
5. In the **Actions** tab of the selected package, click **Deploy**. This completes the adapter deployment to the Design workspace.

2.2 Monitor the Deployment Status

After the adapter deployment is complete, you can check the status in the **Monitor** section.

Purpose

To check the status of the deployed adapter:

Procedure

1. Under the **Monitor** tab, click **Integrations and APIs**. This opens the **Overview** page.
2. On the **Overview** page, go to **Manage Integration Content** section and click **All**. This opens **Integration Content** page with a list of all the deployed adapters.

3. Here, you can check and confirm the deployment status of your adapter.

Overview / Manage Integration Content

Integration Content (702)

AzureServiceBus

Name	Status
AzureServiceBus Integration Adapter	Started
Integration Flow	Started
Integration Flow	Started

AzureServiceBus

[Undeploy](#) [Download](#)

Deployed On: May 19, 2025, 19:17:07 ID: Package:
Deployed By: Version: 1.0.0

Status Details

The Integration Adapter is deployed successfully.

3. Getting Started: Azure Service Bus Adapter

This section contains information about adapter architecture, application configuration, authentication.

3.1 Application Configuration

- To get started with the basics of Azure Service Bus, see [Azure Service Bus Messaging](#).
- To learn more about Microsoft Entra ID and Shared Access Signature authentication methods, see [Service Bus Authentication and Authorization](#)
- To learn more about registering an app, see [Register your application with a Microsoft Entra tenant](#).
- To use more about access control, see [Service Bus access control with Shared Access Signatures](#).

3.2 Authentication

This section details the authentication mechanism supported by the Azure Service Bus Adapter in SAP Integration Suite.

Microsoft Entra ID authentication mechanism enhances overall system security by giving administrators centralized access control. Applications can request an OAuth 2.0 access token from the Microsoft identity platform. Upon successful authentication, Microsoft Entra ID issues an access token, which the application can then use to authorize requests to Azure Service Bus resources. For more information, see the [Microsoft Entra ID](#).



Microsoft Entra ID Credentials have an expiry which results in iFlow failure if exceeded. Ensure to set the expiration time according to your use case.

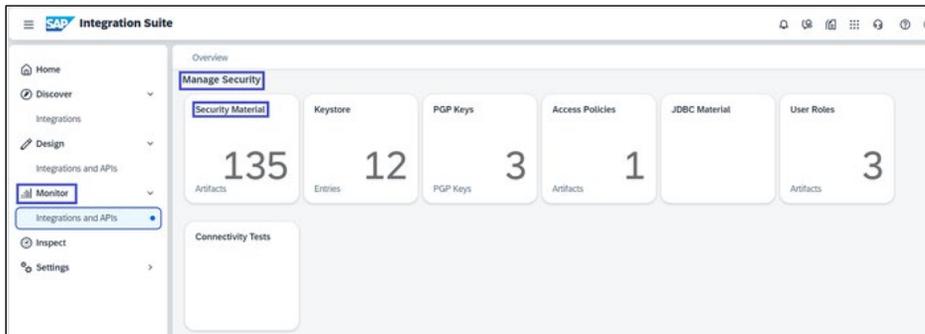
Shared Access Signatures offer secure, claims-based authorization using signed tokens without exposing keys. Keys are used only to sign data, which the service verifies. Shared Access Signature can act like a username-password model, or time-limited tokens issued without sharing the signing key. For more information, see the [Shared Access Signatures](#).

Before setting up the authentication, you must create the Credentials in **Security Material** in SAP Integration Suite.

3.2.1 Creating Secure Parameter in Security Material

To create Secure Parameters for fields like **Directory (tenant) ID Alias**, **Application (client) ID Alias**, **Client Secret Value Alias** and **Access Key Alias**, follow the below steps:

1. In SAP Integration Suite, navigate to **Monitor > Integrations and APIs**. This opens the **Overview** page.
2. On the **Overview** page, go to **Manage Security** section and click on the **Security Material** tile.



3. Click **Create** and select **Secure Parameter** from the dropdown.



4. In the **Create Secure Parameter** popup, provide the below details.

Create Secure Parameter

Name: *

Description:

Runtimes: * ▼

Secure Parameter: *

Repeat Secure Parameter: *

- Click **Deploy** to complete the process.

Parameter	Description
Name	Specify the name of the security artifact. The artifact name is used as an alias for the confidential data.
Description	Enter a description for the artifact (optional).
Secure Parameter	Enter the confidential value of the attribute.
Repeat Secure Parameter	Repeat the confidential value of the attribute.

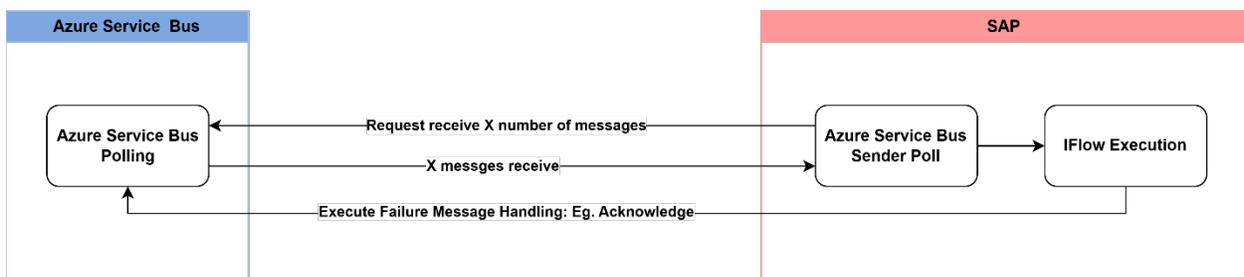
When you refresh the **Manage Security Material** page, the new artifact is displayed in the artifact table(**Secure Parameter**).

3.3 Architecture Overview

The Azure Service Bus adapter is designed to function as a sender and receiver adapter.

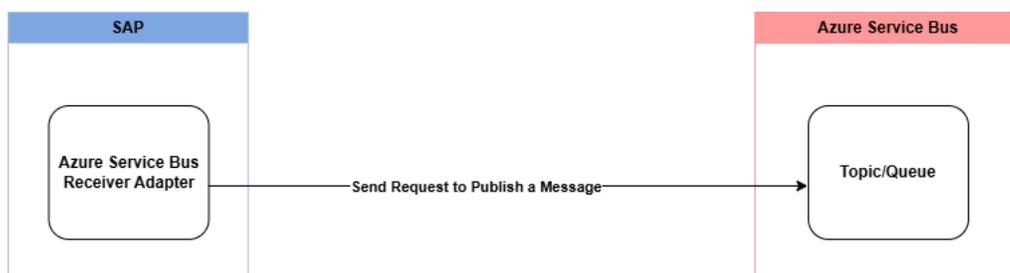
3.3.1 Sender Adapter

In a scenario where the adapter is used as a sender adapter, Azure Service Bus acts as the initiator of the calls. The Polling actively checks for new messages at a defined interval. After iFlow execution is completed, message is acknowledged in case of success or failure message handling actions are performed in case of failure.



3.3.2 Receiver Adapter

In a scenario where the Azure Service Bus Adapter is used as a receiver adapter, SAP Integration Suite acts as the initiator of the calls. Azure Service Bus Receiver Adapter sends the request to publish a message to Azure Service Bus (this is a receiver system), Azure Service Bus processes this request.



4. Azure Service Bus Adapter Configuration

This section describes the parameters to be configured for your Azure Service Bus adapter. You need to configure the **General**, **Connection**, and **Processing** tabs. A description and example usage for every field has been added.

4.1 Sender Adapter

The Configuration of the Azure Service Bus Receiver Adapter for each one of the supported variants is mentioned below.

4.1.1 General tab

The General tab provides an overview of basic adapter information, including **Channel** and **Adapter** details.

The screenshot shows the configuration window for an Azure Service Bus adapter. The title bar reads 'AzureServiceBus' and includes an 'Externalize' button and help icons. The 'General' tab is selected, with 'Connection' and 'Processing' tabs also visible. A 'Name' field contains the text 'AzureServiceBus'. Below this, the configuration is split into two columns: 'CHANNEL DETAILS' and 'ADAPTER DETAILS'. Under 'CHANNEL DETAILS', 'Direction' is set to 'Sender', 'System' is set to 'Sender', and there is an empty 'Description' field. Under 'ADAPTER DETAILS', 'Adapter Type' is 'AzureServiceBus', 'Transport Protocol' is 'TCP', and 'Message Protocol' is 'AMQP Poll'.

Only the Name and Description fields are editable.

Parameter	Description
Name	Name of the adapter flow
Description	Description of the adapter

4.1.2 Connection Tab

The Connection tab contains connection and authentication parameters for the Sender Adapter.

Using Credentials

The Security artifact created in the [Creating Credentials in Security Material](#) should be used in the **Connection tab** of the Adapter, as shown below.

The screenshot shows the 'AzureServiceBus' configuration window with the 'Connection' tab selected. The 'CONNECTION' section contains the following fields:

- Hostname: * myservice.servicebus.window.net
- Authentication Type: Microsoft Entra ID (dropdown)
- Directory (tenant) ID Alias: * Servicebus_DirectoryID
- Application (client) ID Alias: * Servicebus_ApplicationID
- Client Secret Value Alias: * ServiceBus_ClientSecretValue
- Polling Interval (in ms): * 60000
- Maximum Reconnect Attempts: 3
- Connection Timeout (in ms): 60000
- Error Handling: Create Error MPL (dropdown)

The connection tab contains the following fields:

Parameter	Description
Hostname	Specify the hostname for the namespace in use. Example: <code>myservice.servicebus.windows.net</code>

Parameter	Description
Authentication Type	Select the Authentication Mechanism to connect to Azure Service Bus: <ul style="list-style-type: none"> • Microsoft Entra ID • Shared Access Signature
<div style="background-color: #e6f2ff; padding: 5px;">  Values to create Secure Parameter can be found in the Azure Portal. </div>	
Directory (tenant) ID Alias (only available when Microsoft Entra ID is selected)	Specify the name of the Secure Parameter artifact that contains the Directory ID needed to connect to Azure Service Bus.
Application (client) ID Alias (only available when Microsoft Entra ID is selected)	Specify the name of the Secure Parameter artifact that contains the Application ID needed to connect to Azure Service Bus.
Client Secret Value Alias (only available when Microsoft Entra ID is selected)	Specify the name of the Secure Parameter artifact that contains the Client Secret Value ID needed to connect to Azure Service Bus.
Shared Access Policy Name (only available when Shared Access Signature is selected)	Specify the name of the Shared Access Policy that defines the authorization rule.

Parameter	Description
Access Key Alias (only available when Shared Access Signature is selected)	Specify the name of the Secure Parameter artifact that contains the Access Key alias needed to connect to Azure Service Bus. <div style="background-color: #e6f2ff; padding: 5px; border: 1px solid #d9e1f2;">  This can be created as a Secure Parameter using the Primary Key for your Shared Access Policies available under Settings in Azure Portal. </div>
Polling Interval (in ms)	Specify the polling interval in milliseconds to retrieve the messages. Example: 60000
Maximum Reconnect Attempts	Specify the maximum number of retries to connect to Azure Service Bus. Example: 3
Connection Timeout (in ms)	Specify the maximum waiting time in milliseconds for the connection to be established. This is applicable to each retry, so the total connection timeout will also be dependent on the Maximum Reconnect Attempts. Example: 60000
Error Handling	Select the process action for the error in the adapter: <ul style="list-style-type: none"> • Add to System Trace Logs • Change iFlow Status to Error • Create Error MPL

4.1.3 Processing Tab

The Processing tab lists all the operations that can be performed on the database through the adapter.

AzureServiceBus

General **Connection** **Processing**

PROCESSING DETAILS

Entity: Queue ▾

Queue Name: * OrderProcessingqueue

Max Messages Per Node: * 10

Max Wait Time (in ms): * 60000

Duplicate Check:

Duplicate Check Interval (in ms): * 60000

Failure Message Handling: Defer ▾

Parameter	Description
Entity	Select the entity for receiving messages: <ul style="list-style-type: none">• Queue• Topic
Queue Name (only available when Entity as Queue is selected)	Specify the Queue name for receive messages. Example: OrderProcessingQueue

Parameter	Description
Topic Name (only available when Entity as Topic is selected)	Specify the Topic name from which message will be read. Example: OrderApproval
Subscription Name (only available when Entity as Topic is selected)	Specify the subscription name to receive a message. Example: OrderSubscription
Max Messages Per Node	Specify the maximum number of messages to be retrieved per node. Recommended: Less than 5000. Example: 10
Max Wait Time (in ms)	Specify the maximum waiting interval in milliseconds for receiving the messages. Example: 60000
Duplicate Check	Enable to check duplicates in receiving messages.
Duplicate Check Interval	Specify the time interval in milliseconds for duplicate check. Example: 60000
Failure Message Handling	Select the action to be performed in case of transaction failure: <ul style="list-style-type: none"> • Acknowledge • Defer • Keep and Process Again • Move to Dead Letter Queue

4.2 Receiver Adapter

The Configuration of the Azure Service Bus Receiver Adapter for each one of the supported variants is mentioned below.

4.2.1 General tab

The General tab provides an overview of basic adapter information, including **Channel** and **Adapter** details.

The screenshot shows the configuration interface for the AzureServiceBus adapter. The title bar includes 'AzureServiceBus' and 'Externalize' with icons. Below the title bar are three tabs: 'General' (selected), 'Connection', and 'Processing'. The 'Name' field is set to 'AzureServiceBus'. The interface is divided into two sections: 'CHANNEL DETAILS' and 'ADAPTER DETAILS'. 'CHANNEL DETAILS' includes 'Direction: Sender', 'System: Sender', and an empty 'Description' field. 'ADAPTER DETAILS' includes 'Adapter Type: AzureServiceBus', 'Transport Protocol: TCP', and 'Message Protocol: AMQP Poll'.

Only the Name and Description fields are editable.

Parameter	Description
Name	Name of the adapter flow
Description	Description of the adapter

4.2.2 Connection Tab

The Connection tab contains connection and authentication parameters for Azure Service Bus.

Using Credentials

The Security artifact created in the [Creating Credentials in Security Material](#) should be used in the **Connection tab** of the Adapter, as shown below.

AzureServiceBus		
General	Connection	Processing
Hostname: *	<input type="text" value="myservice.servicebus.window.net"/>	
Authentication Type:	<input style="border: none; border-bottom: 1px solid #ccc; padding: 2px 5px;" type="text" value="Shared Access Signature"/> ▾	
Shared Access Policy Name: *	<input type="text" value="RootManageSharedAccessKey"/>	
Access Key Alias: *	<input type="text" value="ServiceBusAuthKeyAlias"/>	
Maximum Reconnect Attempts:	<input type="text" value="3"/>	
Connection Timeout (in ms):	<input type="text" value="60000"/>	

The connection tab contains the following fields:

Parameter	Description
Hostname	Specify the hostname for the namespace in use. Example: <code>myservice.servicebus.windows.net</code>
Authentication Type	Select the Authentication Mechanism to connect to Azure Service Bus: <ul style="list-style-type: none"> • Microsoft Entra ID • Shared Access Signature
 Values to create security artifacts can be found in the Azure Portal.	
Directory (tenant) ID Alias (only available when Microsoft Entra ID is selected)	Specify the name of the Secure Parameter artifact that contains the Directory ID needed to connect to Azure Service Bus.

Parameter	Description
Application (client) ID Alias (only available when Microsoft Entra ID is selected)	Specify the name of the Secure Parameter artifact that contains the Application ID needed to connect to Azure Service Bus.
Client Secret Value Alias (only available when Microsoft Entra ID is selected)	Specify the name of the Secure Parameter artifact that contains the Client Secret Value ID needed to connect to Azure Service Bus.
Shared Access Policy Name (only available when Shared Access Signature is selected)	Specify the name of the Shared Access Policy that defines the authorization rule.
Access Key Alias (only available when Shared Access Signature is selected)	Specify the Access Key alias to authorize access to the Azure Service Bus. <div data-bbox="451 1304 1409 1409" style="background-color: #e1f5fe; padding: 5px;">  This can be created as a Secure Parameter using the Primary Key for your Shared Access Policies available under Settings in Azure Portal. </div>
Maximum Reconnect Attempts	Specify the maximum number of retries to connect to Azure Service Bus. Example: 3
Connection Timeout (in ms)	Specify the maximum waiting time in milliseconds for the connection to be established. This is applicable to each retry, so the total connection timeout will also be dependent on the Maximum Reconnect Attempts. Example: 60000

4.2.3 Processing Tab

The Processing tab lists all the operations that can be performed on the database through the adapter.

The screenshot shows the 'Processing' tab in the Azure Service Bus portal. It is divided into two main sections: 'PROCESSING DETAILS' and 'MESSAGE PROPERTIES'.

PROCESSING DETAILS:

- Entity: Topic (selected in a dropdown)
- Topic Name: OrderProcessingQueue
- Content Type: Application/XML (selected in a dropdown)

MESSAGE PROPERTIES:

- Broker Properties:
- Correlation ID: 9876543-e21c-34d5-d678-123456789abc
- Message ID: b773a9d2-8c5e-4a1b-9e3d-2f6a7c8d9e0f
- To: order-processing-service
- Reply To: response-queue
- Time To Live (in ms): 30000
- Session ID: session-xyz789
- Reply To Session ID: response-98765-session
- Label/Subject: OrderProcessing
- Partition Key: order-98765

Custom Properties:

Key	Type	Value
<input type="checkbox"/> OrderID	String	ORD78769

Parameter	Description
PROCESSING DETAILS	
Entity	<p>Select the entity to write a message:</p> <ul style="list-style-type: none"> • Queue • Topic
Queue Name (only available when Entity is selected as Queue)	<p>Specify the name of the Queue to which the message will be sent.</p> <p>Example: OrderProcessingQueue</p>
Topic Name (only available when Entity is selected as Topic)	<p>Specify the name of the Topic to which the message will be sent.</p> <p>Example: OrderApproval</p>

Parameter	Description
Content Type	Select content type for message to be sent to Azure Service Bus: <ul style="list-style-type: none"> • Application/JSON • Application/XML • Text/Plain
MESSAGE PROPERTIES	
Broker Properties	Enable to send Broker Properties to the message.
Correlation ID	Specify the Correlation Identifier for the message. Example: 987f6543-a21c-34b5-d678-123456789abc
Message ID	Specify the Message Identifier for the message. Example: b7f3a9d2-8c5e-4a1b-9e3d-2f6a7c8d9e0f
To	Specify the address of the queue or topic to which message must be sent. Example: <code>order-processing-service</code> <div style="background-color: #e6f2ff; padding: 5px; margin-top: 10px;">  This property is reserved for future use in routing scenarios and is currently ignored by the broker itself. </div>
Reply To	Specify the address of the queue or topic for which a response must be sent. Example: <code>response-queue</code>
Time To Live (in ms)	Specify a Time to Live (TTL) attribute (in milliseconds) for the message to be sent. Messages exceeding their TTL duration expire and are not retained by Azure Service Bus. Example: 30000
Session ID	Specify the session affiliation of the message for session aware entities. Example: <code>session-xyz789</code>
Reply To Session ID	Specify the session identifier to reply to. Example: <code>response-98765-session</code>
Label/Subject	Specify the label or subject for the message. Example: <code>OrderProcessing</code>

Parameter	Description
Partition Key	Specify the partition key for the message. Example: <code>order-98765</code>
Custom Properties	
Key	Specify the key to the property for the message.
Type	Select the type of property for the message: <ul style="list-style-type: none"> • Date • Boolean • Number • String
Value	Specify the value for the message.



For more information about the above fields, see [References](#).

5. Azure Service Bus Adapter Operations

This section lists and describes all the operations supported by the Azure Service Bus adapter.

5.1 Sender Adapter

You can perform read operations with the sender adapter in Azure Service Bus.

5.1.1 Queue

You can perform read operations with the sender adapter in Azure Service Bus.

The screenshot shows the configuration interface for the AzureServiceBus adapter, specifically the 'Processing' tab. The interface includes the following settings:

- Entity:** Queue (selected from a dropdown menu)
- Queue Name:** MQD31
- Max Messages Per Node:** 10
- Max Wait Time (in ms):** 60000
- Duplicate Check:**
- Duplicate Check Interval (in ms):** 60000
- Failure Message Handling:** Keep and Process Again (selected from a dropdown menu)

Parameter	Values
Entity	Select entity as Queue .
Queue Name	Set as MQDG31
Max Message Per Node	Set as 10
Max Wait Time (in ms)	Set as 60000

Duplicate Check	Enable Duplicate Check
Duplicate Check Interval	Set as 60000
Failure Message Handling	Select as Keep and Process Again

5.1.2 Topic

You can perform read operations with the sender adapter in Azure Service Bus.

AzureServiceBus

General
Connection
Processing

PROCESSING DETAILS

Entity:

Topic Name: *

Subscription Name: *

Max Messages Per Node: *

Max Wait Time (in ms): *

Duplicate Check:

Duplicate Check Interval (in ms): *

Failure Message Handling:

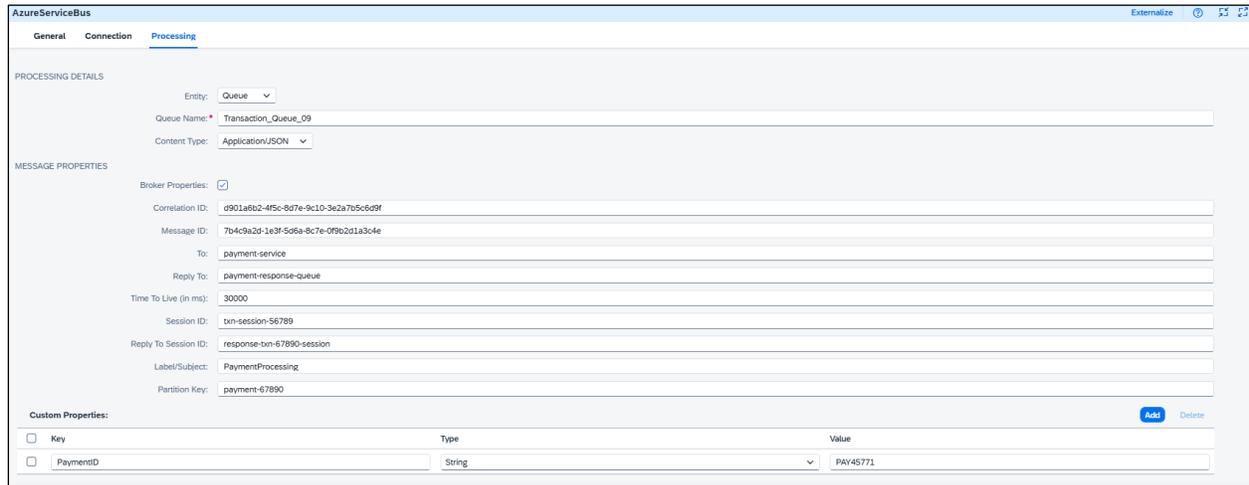
Parameter	Values
Entity	Select the entity as Topic .
Topic Name	Set as QMGR
Subscription Name	Set as SUB-QMGR
Max Message Per Node	Set as 10

Parameter	Values
Max Wait Time (in ms)	Set as 60000
Duplicate Check	Enable Duplicate Check
Duplicate Check Interval	Set as 60000
Failure Message Handling	Select as Defer

5.2 Receiver Adapter

5.2.1 Queue

Azure Service Bus receiver adapter allows you to write messages to a queue on an Azure server.

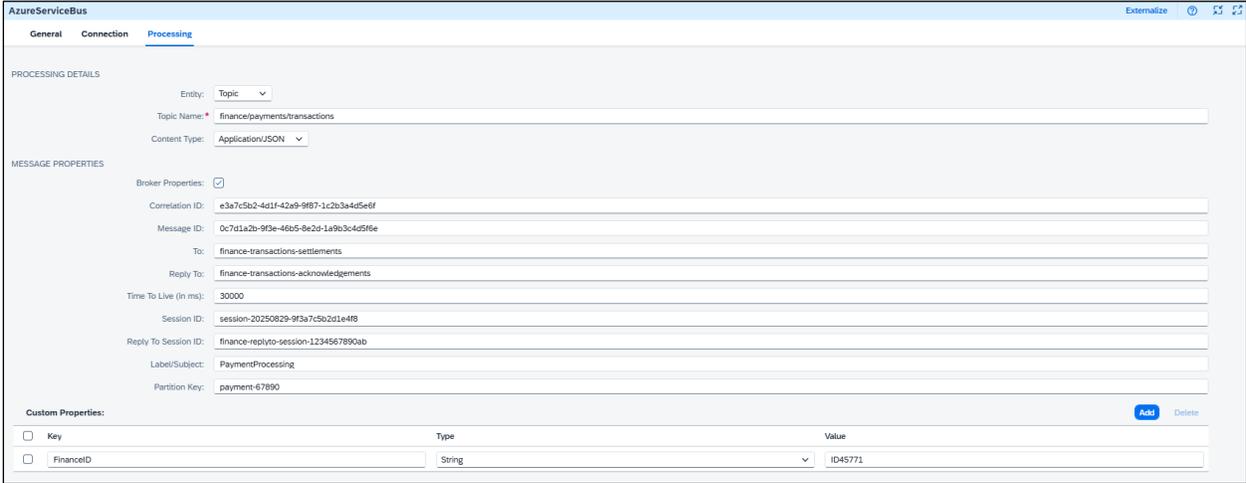


Parameter	Description
PROCESSING DETAILS	
Entity	Select as Queue
Queue Name	Set as Transaction_Queue_09
Content Type	Select as Application/JSON
MESSAGE PROPERTIES	
Broker Properties	Enable to send Broker Properties to the message.
Correlation ID	Set as d901a6b2-4f5c-8d7e-9c10-3e2a7b5c6d9f
Message ID	Set as 7b4c9a2d-1e3f-5d6a-8c7e-0f9b2d1a3c4e
To	Set as payment-service
Reply To	Set as payment-response-queue

Parameter	Description						
Time To Live (in ms)	Set as 30000						
Session ID	Set as txn-session-56789						
Reply To Session ID	Set as response-txn-67890-session						
Label/Subject	Set as PaymentProcessing						
Partition Key	Set as payment-67890						
Custom Properties							
	<table border="1"> <thead> <tr> <th>Key</th> <th>Type</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>PaymentID</td> <td>String</td> <td>PAY45771</td> </tr> </tbody> </table>	Key	Type	Value	PaymentID	String	PAY45771
Key	Type	Value					
PaymentID	String	PAY45771					

5.2.2 Topic

Azure Service Bus receiver adapter allows you to write messages to a topic on the Azure server.



Parameter	Description
PROCESSING DETAILS	
Entity	Select as Topic

Parameter	Description						
Topic Name	Set as <code>finance/payments/transactions</code>						
Content Type	Select as Application/JSON						
MESSAGE PROPERTIES							
Broker Properties	Enable to send Broker Properties to the message.						
Correlation ID	Set as <code>e3a7c5b2-4d1f-42a9-9f87-1c2b3a4d5e6f</code>						
Message ID	Set as <code>0c7d1a2b-9f3e-46b5-8e2d-1a9b3c4d5f6e</code>						
To	Set as <code>finance-transactions-settlements</code>						
Reply To	Set as <code>finance-transactions-acknowledgements</code>						
Time To Live (in ms)	Set as <code>30000</code>						
Session ID	Set as <code>session-20250829-9f3a7c5b2d1e4f8</code>						
Reply To Session ID	Set as <code>finance-replyto-session-1234567890ab</code>						
Label/Subject	Set as <code>PaymentProcessing</code>						
Partition Key	Set as <code>payment-67890</code>						
Custom Properties							
	<table border="1"> <thead> <tr> <th>Key</th> <th>Type</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>FinanceID</td> <td>String</td> <td>ID45771</td> </tr> </tbody> </table>	Key	Type	Value	FinanceID	String	ID45771
Key	Type	Value					
FinanceID	String	ID45771					

6. Support

6.1 Troubleshooting

Scenario	Error Message	Error Reasoning
Sender Adapter: Polling Fails with IFlow status as Error	[CONTENT] [CONTENT_DEPLOY] [InstanceError] : { "message": "POLL_FAILED", "childMessageInstances": [{ "message": "EXCEPTION", "parameters": ["org.apache.camel.CamelException: Error message: Error while polling and processing the messages., Reason: The receiver client is terminated. Re-create the client to continue receive attempt. (Reason: upstream-error)] }] }	Occurs in case of expired Microsoft Entra ID credentials.

7. References

7.1 Message Properties

For more information regarding Message Properties, see [Messages, payloads, and serialization](#).