



TIBCO ActiveMatrix BusinessWorks™ Plug-in for AMQP

Release Notes

Version 6.5.1 | March 2025

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New Features

The following features have been added in this release of TIBCO ActiveMatrix BusinessWorks™ Plug-in for AMQP.

User-Assigned Managed Identities for Azure Service Bus

This release adds support for User-Assigned Managed Identities (UMI) authentication to connect to Azure Service Bus, enhancing security and simplifying identity management.

Modes for Receiving Messages in AMQPReceiveMessage Activity

Now, the AMQPReceiveMessage activity supports the **ReceiveandDelete** and **PeekLock** modes for receiving messages in Azure Service Bus.

Updated RabbitMQ SDK

The Plug-in is now certified to support the latest versions of RabbitMQ. For a complete list of supported versions, see the [Readme](#) file.

Changes in Platform Support

Supported platforms are not affected in this release. For a complete list of supported platforms, see the [Readme](#) file.

Changes in Functionality

The following functionalities have been changed in this release of TIBCO ActiveMatrix BusinessWorks™ Plug-in for AMQP:

For the AMQ-1-0 broker type in the AMQP Connection shared resource, you can now:

- Fetch the `correlationID` message property using the AMQP Receive Message activity.
- Send the `correlationID` message property using the AMQP Send Message activity.

Deprecated Features

No features have been deprecated in this release of TIBCO ActiveMatrix BusinessWorks™ Plug-in for AMQP.

Removed Features

No features have been removed in this release of TIBCO ActiveMatrix BusinessWorks™ Plug-in for AMQP.

Migration and Compatibility

Migration and compatibility are not affected in this release of TIBCO ActiveMatrix BusinessWorks™ Plug-in for AMQP.

Closed Issues

The following issue has been fixed in this release of TIBCO ActiveMatrix BusinessWorks™ Plug-in for AMQP:

Key	Summary
AMQP-1212	The RabbitMQ receiver stops receiving new messages after processing the initial messages in the queue when the flow limit is set.

Known Issues

The following issues exist in this release of TIBCO ActiveMatrix BusinessWorks™ Plug-in for AMQP:

Key	Summary and Workaround
AMQP-1118	<p>Summary: When you send messages to a non-durable queue using the GetMessage activity, the messages are not sent.</p> <p>Workaround: There should be synchronization between the SendMessage activity and the GetMessage activity. The SendMessage activity can wait until the GetMessage activity is ready to receive the messages.</p>
AMQP-1111	<p>Summary: For a QPID broker, if the queue subscription is created manually with a name, then the plug-in receiver is not able to receive the messages.</p> <p>Workaround: None</p>
AMQP-1051	<p>Summary: In the AMQPReceiveMessage activity, the session lock expired error is displayed if the flow limit is used when the Max Concurrent Session field and MaxMessages are set to more than 1.</p> <p>Workaround: None</p>
AMQP-884	<p>Summary: In the AMQP Connection shared resource configured with the AzureSB-1-0 broker, Test Connection for SAS Authentication Type fails when the Shared Access Key Name and Shared Access Key are provided for send-only or listen-only modes. However, you can still deploy your applications at run time.</p> <p>Workaround: None</p>
AMQP-804	<p>Summary: When you configure the reconnection in the AMQP connection shared resource with the Azure Service Bus broker, the value mentioned in Retry Interval (msec) is ignored.</p> <p>Workaround: None</p>

Key	Summary and Workaround
AMQP-608	<p>Summary: When the AMQPReceiveMessage activity receives a burst of messages from the Red Hat AMQ broker and the connection recovers in between the burst, a difference is seen between the number of messages published by the broker and the number of messages received from the activity. This happens when the value in the Acknowledge Mode field is Client.</p> <p>Workaround: None</p>
AMQP-594	<p>Summary: The values of the Entity Type and Entity Name fields are empty in all the activities in the AMQP palette for projects imported before version 6.1.0 of TIBCO ActiveMatrix BusinessWorks™ Plug-in for AMQP with Queue Name configured as a module property.</p> <p>Workaround: None. However, the application works in a runtime environment.</p>
AMQP-566	<p>Summary: When you try to set Acknowledge Mode to Client in the AMQP GetMessage activity, the message cannot be confirmed by using a Confirm activity in the process execution. The message is confirmed implicitly by the activity.</p> <p>Workaround: None</p>
AMQP-555	<p>Summary: In a connection recovery scenario, the AMQPReceiveMessage activity repeatedly displays the MessageConsumer was closed message for Apache ActiveMQ, Apache Qpid, and Red Hat AMQ brokers when all the retry attempts are used and the connection is not recovered.</p> <p>Workaround: None</p>
AMQP-156	<p>Summary: On Linux, if you enter 999999999 in the Retry Interval (Seconds) field in the AMQP connection shared resource then, after you click any other field, the value changes to 214783647.</p> <p>Workaround: None</p>
AMQP-135	<p>Summary: When you configure user properties of an AMQPSendMessage activity and if a value does not match the property type, the plug-in does not prompt you to provide the correct value.</p> <p>Workaround: Specify the value that matches the property type.</p>

Key	Summary and Workaround
AMQP-134	<p>Summary: Only the last property that has duplicate names can be sent to the message.</p> <p>Workaround: Specify different names for different user properties.</p>
AMQP-93	<p>Summary: When you send a message to an AMQP server, and if the exchange type does not match the exchange name, then the process runs successfully, but the message is not sent to any queues.</p> <p>Workaround: Specify an exchange type and exchange name that match.</p>
AMQP-39	<p>Summary: When you send a message to the RabbitMQ broker by using an unmatched or a nonexistent routing key, the process runs successfully, but the message is not sent to any queues.</p> <p>Workaround: Specify the correct routing key.</p>

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The [Product Documentation website](#) is updated frequently and is more current than any other documentation included with the product.

Product-Specific Documentation

The documentation for this product is available on the [TIBCO ActiveMatrix BusinessWorks™ Plug-in for AMQP Product Documentation](#) page.

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