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Creating a durable subscription with the AMQ .NET Client

🔒 SOLUTION VERIFIED - Updated December 12 2017 at 7:29 AM - English ▾ ()

Environment

Red Hat JBoss AMQ 7.0.3

Issue

The AMQ 7 documentation has a section 7.2.1. Using an AMQP Link as a Topic (https://access.redhat.com/documentation/en-us/red_hat_jboss_amq/7.0/html/using_amq_broker/protocols), although the material on Using the AMQ .Net Client (https://access.redhat.com/documentation/en-us/red_hat_jboss_amq/7.0/html/using_the_amq_net_client/) does not cover this scenario.

Resolution

The issue is that it appears you should be able to use a null `termini` by setting the `ReceiverLink` constructor `Source` to null to correctly recover a durable subscription.

To correctly utilize a durable subscriber from the AMQ .NET Client you currently need to pass in a fully specified and constructed `Source` instance into the `ReceiverLink` constructor. Otherwise, if the `Source` is null, the broker will send an immediate detach and the connection will be severed.

Root Cause

As discussed in QPID-7981 (<https://issues.apache.org/jira/browse/QPID-7981>), and further documented in ENTMQ-2156 (<https://issues.jboss.org/browse/ENTMQ-2156>), the required behaviour when encountering a null `termini` was not completely clear according to the specification.

SRP [FuseSource \(/chr/fuse-source\)](#) [Messaging & Remoting \(/chr/messaging-remoting\)](#)