Amazon MQ Broker Access –

# Credentials

**Endpoint** - ssl://b-95912725-14d8-463b-8d26-fd9bb2056149-1.mq.us-east-1.amazonaws.com:61617

**User** - whelen

**Password** – whelenaccess

# Access Mechanism (C#)

NOTE: Active MQ listener code is dependent on the Apache.NMS and Apache.NMS.ActiveMQ packages.

## Connection Code –

\_activeMQConnection = \_activeMQFactory.CreateConnection(user\_txbx.Text, pass\_txbx.Text);

\_activeMQConnection.Start();

\_activeMQConnection.ExceptionListener += \_activeMQConnection\_ExceptionListener;

\_activeMQSession = \_activeMQConnection.CreateSession(AcknowledgementMode.AutoAcknowledge);

## Disconnect Code –

if (\_activeMQConnection != null)

{

try

{

\_activeMQConnection.ExceptionListener -= \_activeMQConnection\_ExceptionListener;

\_activeMQConnection.Close();

}

catch (Exception)

{

}

}

## Exception Listener Code –

try

{

if (\_activeMQPRMProducer != null)

{

\_activeMQPRMProducer.Close();

}

}

catch (Exception)

{ }

try

{

if (\_activeMQSession != null)

{

\_activeMQSession.Close();

}

}

catch (Exception)

{ }

if (\_activeMQConnection != null)

{

try

{

\_activeMQConnection.ExceptionListener -= \_activeMQConnection\_ExceptionListener;

\_activeMQConnection.Close();

}

catch (Exception)

{

}

}

\_activeMQConnection = null;

\_activeMQPRMProducer = null;

## Publication Code

string queue = "WHELEN." + veh\_id\_txbx.Text.Replace(" ", "") + ".GTT.SCP.RTVEHDATA";

IDestination prmDest = \_activeMQSession.GetQueue(queue);

\_activeMQPRMProducer = \_activeMQSession.CreateProducer(prmDest);

\_activeMQPRMProducer.DeliveryMode = MsgDeliveryMode.NonPersistent;

\_activeMQPRMProducer.Send(\_activeMQSession.CreateTextMessage(msg));

# Publication Result Confirmation

Publication confirmation can be done via the AWS Amazon MQ Console. Access to the console is at this endpoint –

<https://b-95912725-14d8-463b-8d26-fd9bb2056149-1.mq.us-east-1.amazonaws.com:8162>

Credentials for access are the same as listed in the above section.

Publication and connection confirmation can be established in the related sections –

Graphical user interface, text

Description automatically generated

Calendar

Description automatically generated

Graphical user interface, text, application

Description automatically generated