***Send Message to Azure Service Bus Using API Call***

**Prerequisites:**

1. **A Service Bus endpoint URL**
2. **Shared Access Token (SAS) Token**
3. **Postman to test**

Here, we are going to send the message to the Service Bus (SB) using the Service Bus API call.

The Api URL looks as below:

http{s}://{***serviceNamespace***}.servicebus.windows.net/{**queuePath** or **topicPath**}/messages

The mandatory properties that need to be passed in the request header are **Authorization , Content-Type and BrokerProperties.**

Here, Authorization can be done in 2 ways:

1. Azure Active Directory (Azure AD) JSON Web Token (JWT)
2. Shared Access Signature (SAS) Token

Here, we are going to use the SAS token and will write some prerequisite scripts to make it work in the request call.

**Script**

const sharedKeyName **=** "<Shared Access Key Name>"

const sharedKey **=** "<Shared Access Key>"

const uri **=** "https://{Service Bus Name}.servicebus.windows.net/{Topic Name/Queue Name}"

**function** createSharedAccessToken(uri, saName, saKey) {

**if** (**!**uri **||** **!**saName **||** **!**saKey) {

**throw** "Missing required parameter";

        }

    var encoded **=** **encodeURIComponent**(uri);

    var now **=** **new** Date();

    var week **=** 60**\***60**\***24**\***7;

    var ttl **=** Math.**round**(now.**getTime**() **/** 1000) **+** week;

    var signature **=** encoded **+** '\n' **+** ttl;

    const hash **=** CryptoJS.HmacSHA256(signature, saKey).**toString**(CryptoJS.enc.Base64)

**return** 'SharedAccessSignature sr=' **+** encoded **+** '&sig=' **+**

**encodeURIComponent**(hash) **+** '&se=' **+** ttl **+** '&skn=' **+** saName;

}

// Set broker properties e.g. sessionId

const brokerProperties **=** {

    'SessionId':'123',

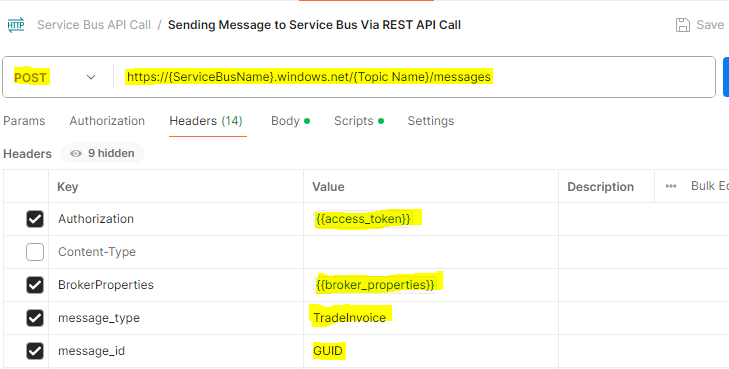
   }

// Set broker proerties variable

pm.variables.**set**("broker\_properties", JSON.**stringify**(brokerProperties));

// Set access token variable

pm.variables.**set**('access\_token', createSharedAccessToken(uri, sharedKeyName, sharedKey));



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