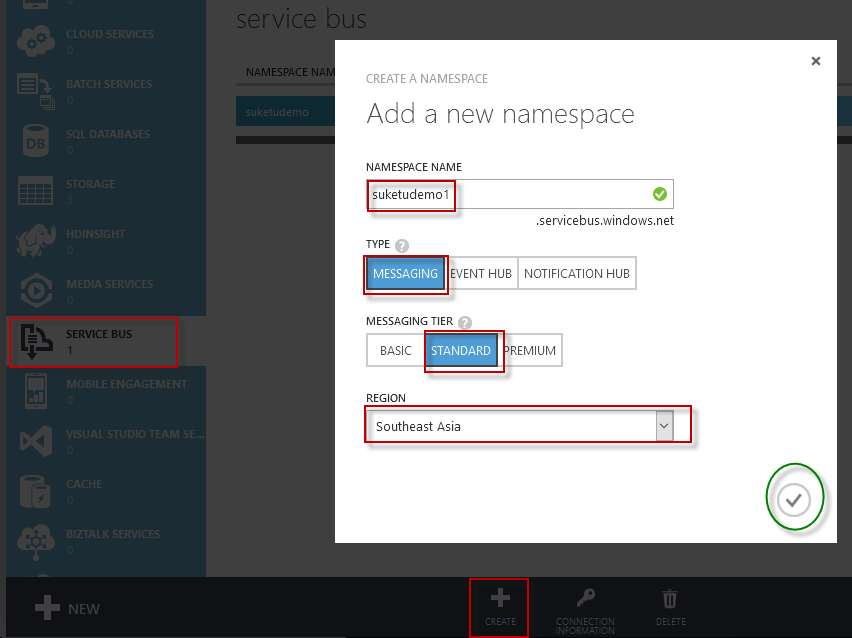
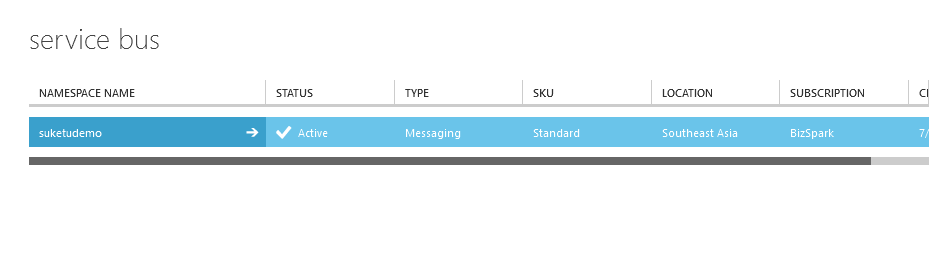
**Service Bus – Queue**

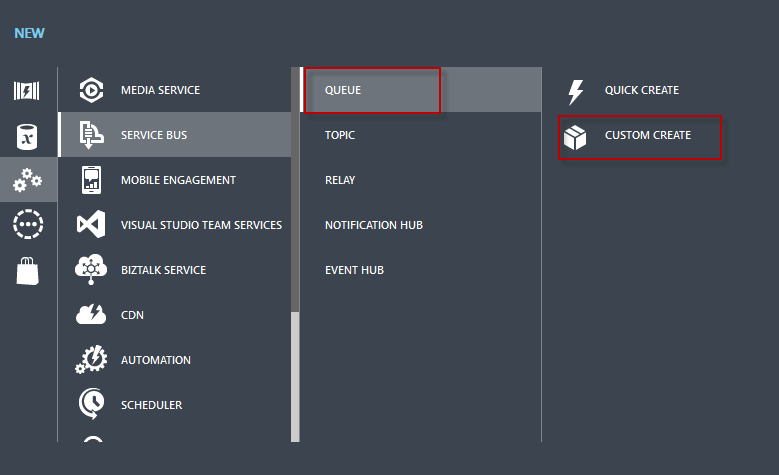
First Create Namespace in Service Bus of Azure

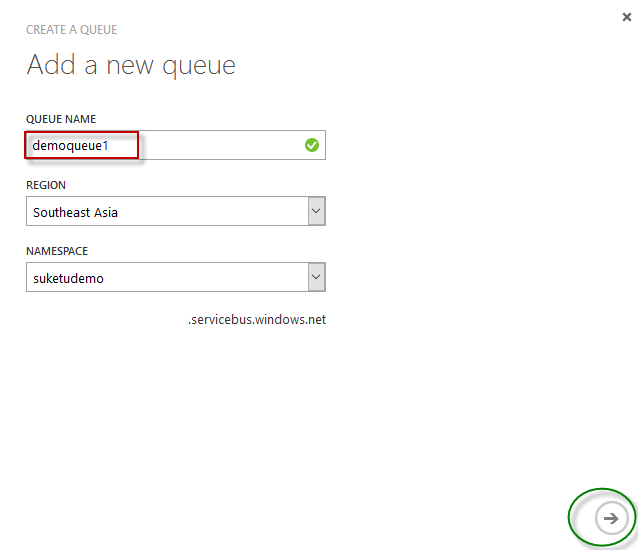


Service Bus is active

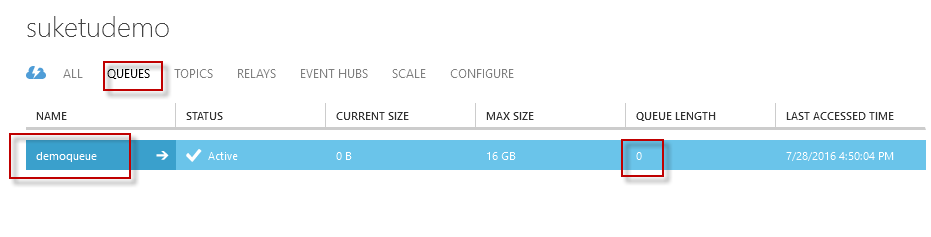


Now Create Queues for Example of Broker Message Sender and Receiver for Service Bus Queue

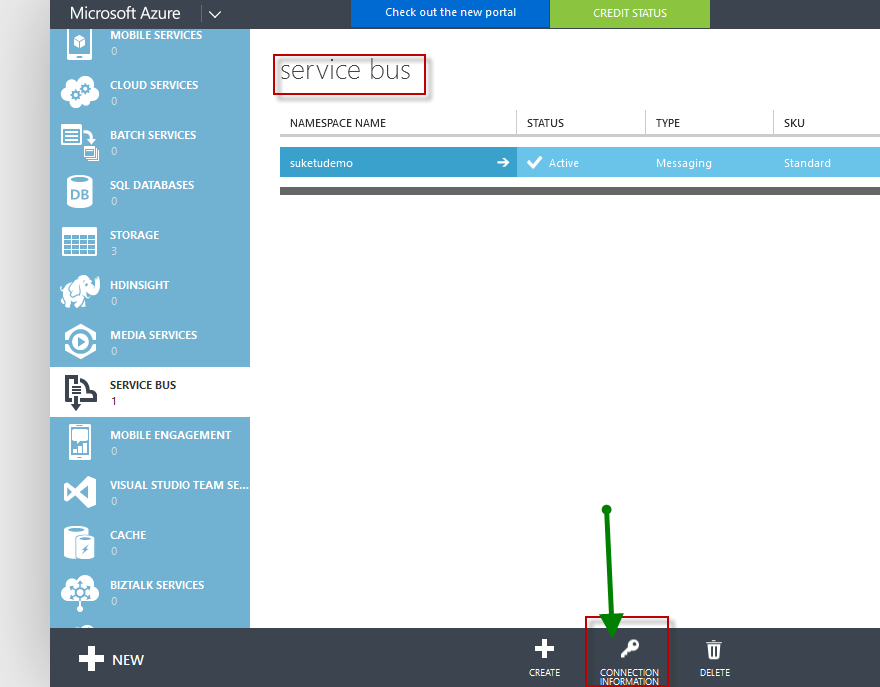


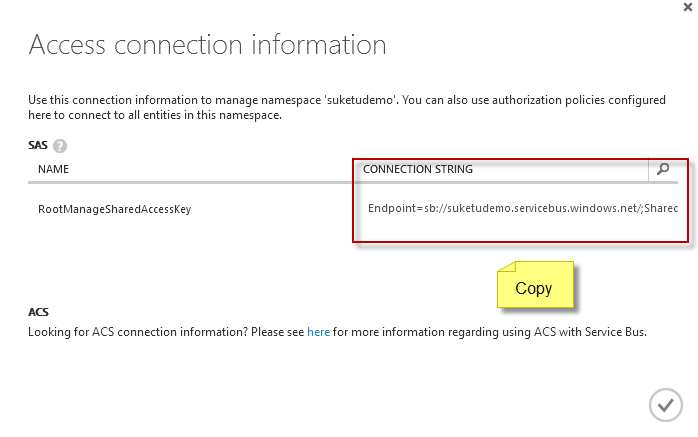


Currently in Queue Length No Message so Zero

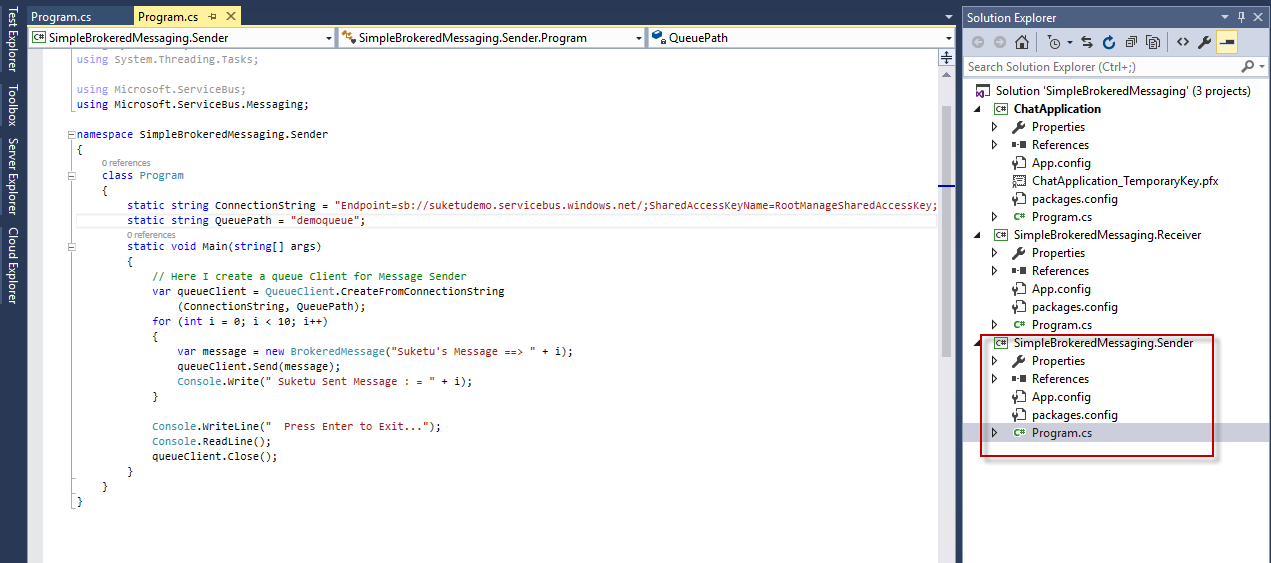


For Connection String of Service Bus Namespace





Now in Visual Studio Add -> New Project -> Console Application



Add Code on Program.CS file

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using Microsoft.ServiceBus;

using Microsoft.ServiceBus.Messaging;

namespace SimpleBrokeredMessaging.Sender

{

class Program

{

static string ConnectionString = "Endpoint=sb://suketudemo.servicebus.windows.net/;SharedAccessKeyName=RootManageSharedAccessKey;SharedAccessKey=/nwKJH0ya/+lcAMCWsw0RJ6kONE+x5CQ0JsAQVaiT+Q=";

static string QueuePath = "demoqueue";

static void Main(string[] args)

{

// Here I create a queue Client for Message Sender

var queueClient = QueueClient.CreateFromConnectionString

(ConnectionString, QueuePath);

for (int i = 0; i < 10; i++)

{

var message = new BrokeredMessage("Suketu's Message ==> " + i);

queueClient.Send(message);

Console.Write(" Suketu Sent Message : = " + i);

}

Console.WriteLine(" Press Enter to Exit...");

Console.ReadLine();

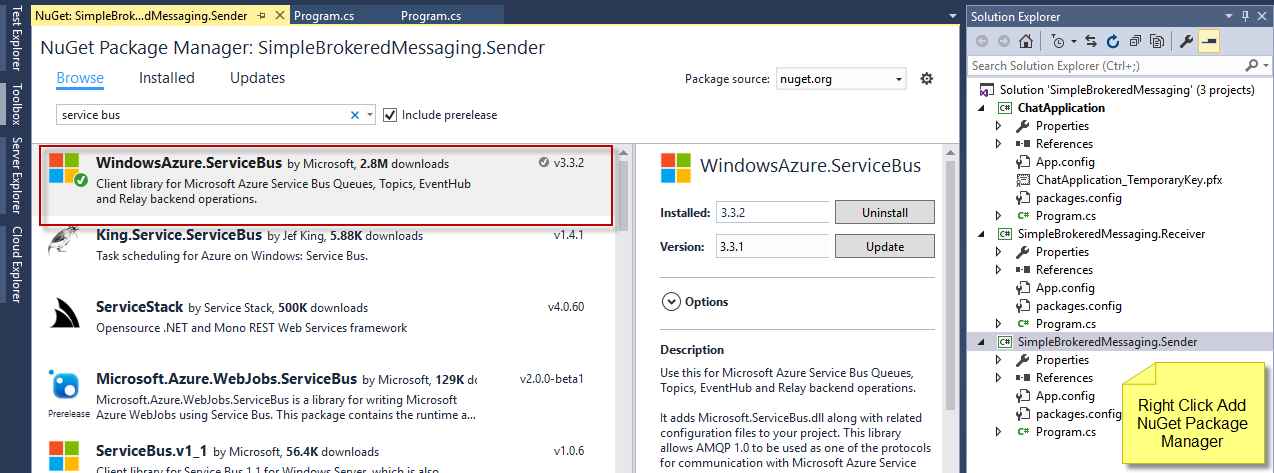
queueClient.Close();

}

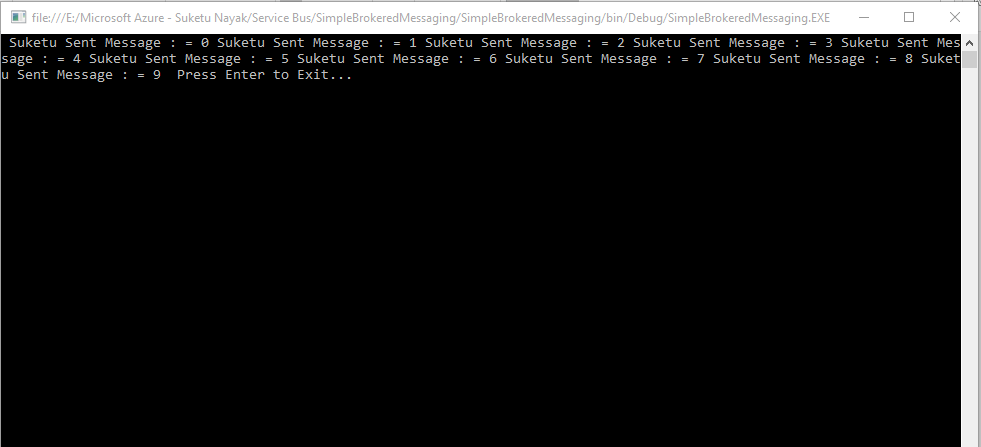
}

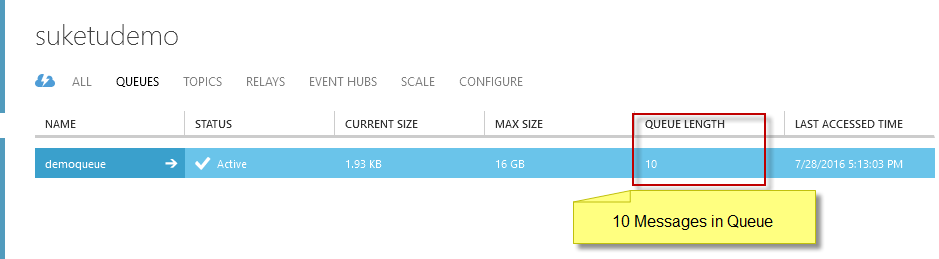
}

Add Windows Azure Service Bus from NuGet Package Manager

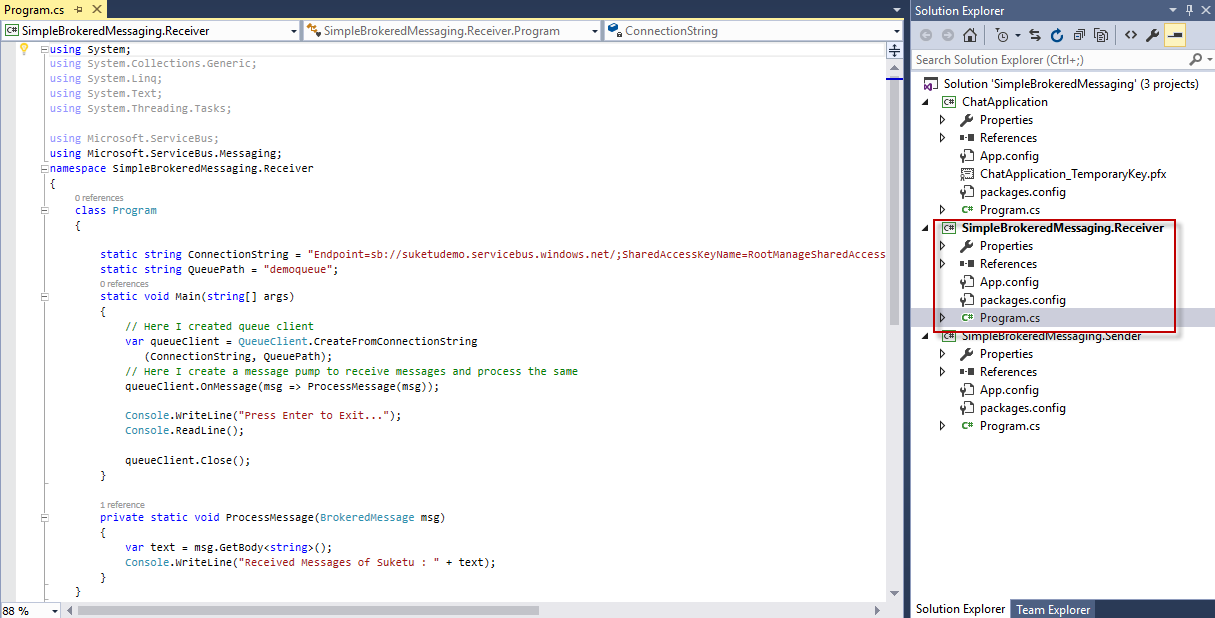


Run the Sender Console Application to Add 10 Messages in Service Bus Queue





Now Add one more console application in same explorer for receiver



Add code in Program.CS file

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using Microsoft.ServiceBus;

using Microsoft.ServiceBus.Messaging;

namespace SimpleBrokeredMessaging.Receiver

{

class Program

{

static string ConnectionString = "Endpoint=sb://suketudemo.servicebus.windows.net/;SharedAccessKeyName=RootManageSharedAccessKey;SharedAccessKey=/nwKJH0ya/+lcAMCWsw0RJ6kONE+x5CQ0JsAQVaiT+Q=";

static string QueuePath = "demoqueue";

static void Main(string[] args)

{

// Here I created queue client

var queueClient = QueueClient.CreateFromConnectionString

(ConnectionString, QueuePath);

// Here I create a message pump to receive messages and process the same

queueClient.OnMessage(msg => ProcessMessage(msg));

Console.WriteLine("Press Enter to Exit...");

Console.ReadLine();

queueClient.Close();

}

private static void ProcessMessage(BrokeredMessage msg)

{

var text = msg.GetBody<string>();

Console.WriteLine("Received Messages of Suketu : " + text);

}

}

}

Again for this Receiver App Add Windows Azure Service Bus from NuGet Package Manager

Run the Program

