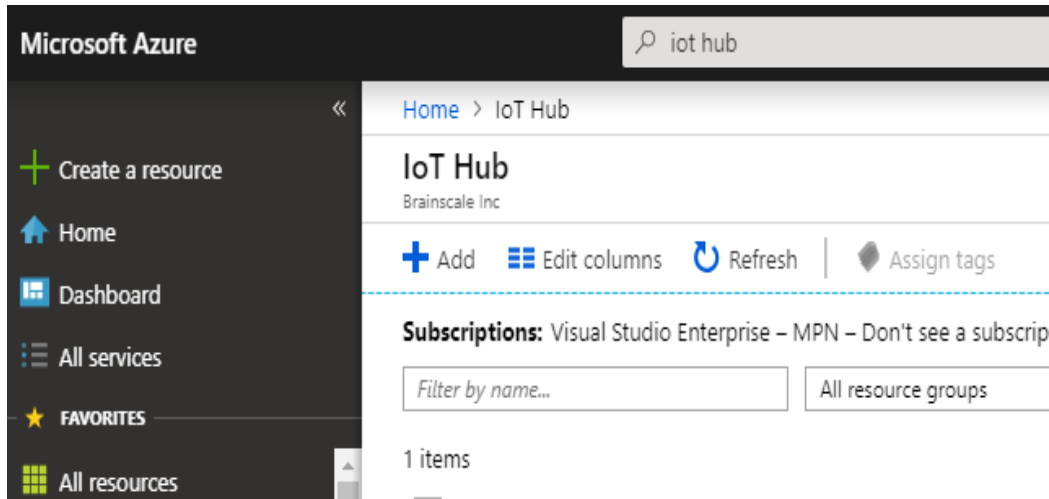


To run this application, we need Azure IoT Hub and a registered device.

Please follow below steps.

1. Login into Azure portal
2. Search for IOT hub in global search window



3. Click on Add and fill the RG, IoT hub name and click review+create

[Basics](#) [Size and scale](#) [Review + create](#)

Create an IoT Hub to help you connect, monitor, and manage billions of your IoT assets. [Learn More](#)

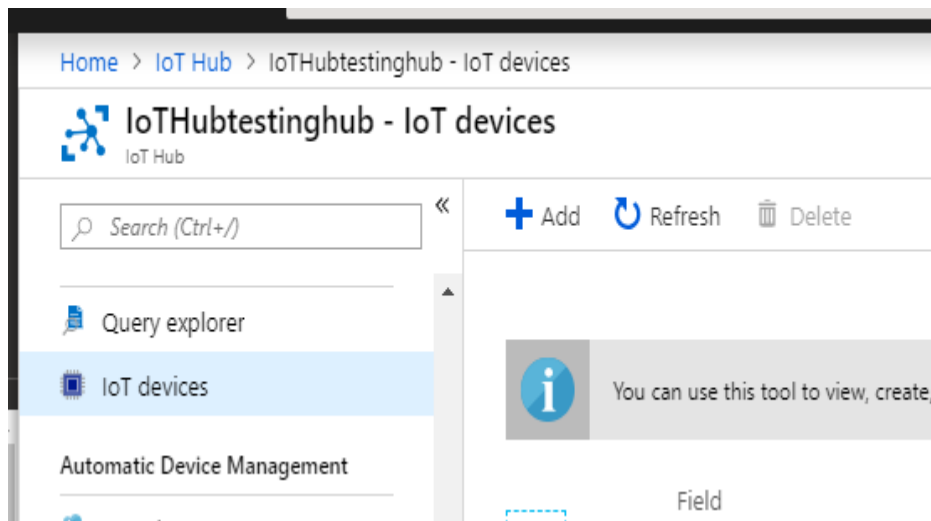
**PROJECT DETAILS**

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

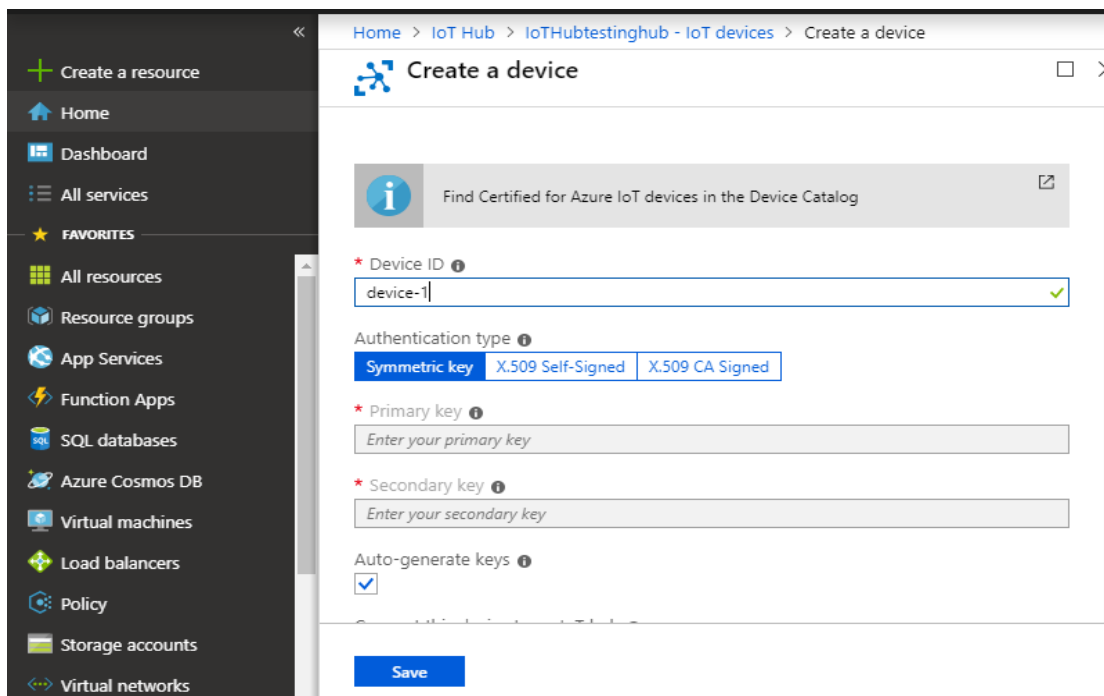
* Subscription ⓘ	Visual Studio Enterprise – MPN
* Resource Group ⓘ	vinod-rg <a href="#">Create new</a>
* Region ⓘ	West US
* IoT Hub Name ⓘ	IoTHubTestinghub1

[Review + create](#) [Next: Size and scale »](#) [Automation options](#)

4. Then select IoT devices under Explorers and click add.



5. Fill the Device name, rest all be in default click save.















- Then select the saved device and copy connection string either of primary or secondary.

Home > IoT Hub > IoT Hubtestinghub - IoT devices > Device details

### Device details

device-1

 Save  Message to device  Direct method  Device twin  Add module identity  Regenerate keys  Refresh

Device Id 	device-1
Primary key 	1N5g60GribdGS+2ivC+Lxy5e [REDACTED]
Secondary key 	xmfaEHx7RisllbftJzCjjQtZh [REDACTED]
Connection string (primary key) 	HostName=IoT Hubtestinghub.azure-devices.net;DeviceId=device-1;SharedAccessKey=1N5g60GribdGS+2ivC+Lxy5e
Connection string (secondary key) 	HostName=IoT Hubtestinghub.azure-devices.net;DeviceId=device-1;SharedAccessKey=xmfaEHx7RisllbftJzCjjQtZh

Use this connection string in line number:12 of program.cs file.