Step 1 Set up a broker and a client app

MQTT is based on clients communicating with a server, often called a "broker". A client may be either a publisher of information or a subscriber. Each client can connect to the broker.

blocked URL

Set up a broker

The MQTT connector works with any supported MQTT broker.

Setup mosquitto server on windows

1. Download mosquito from the official website https://mosquitto.org/download/

Binary Installation

The binary packages listed below are supported by the Mosquitto project. In many cases Mosquitto is also

Windows

mosquitto-1.6.12a-install-windows-x64.exe (~1.4 MB) (64-bit build Windows Vista and up, built with \
mosquitto-1.6.12a-install-windows-x32.exe (~1.4 MB) (32-bit build, Windows Vista and up, built with \

See also readme-windows.txt after installing.

Mac

Mosquitto can be installed from the homebrew project. See brew.sh and then use brew install mosquitte

Linux distributions with snap support

snap install mosquitto

Debian

- Mosquitto is now in Debian proper. There will be a short delay between a new release and it appearing
- There are also Debian repositories provided by the mosquitto project, as described at https://mosquit

Raspberry Pi

Mosquitto is available through the main repository.

There are also Debian repositories provided by the mosquitto project, as described at https://mosquitto.or

Ubuntu

Mosquitto is available in the Ubuntu repositories so you can install as with any other package. If you are or mosquitto-dev PPA to your repositories list - see the link for details. mosquitto can then be installed from y

2. Install the server.



3. Go to the task manager services and make sure that the service is running.

😰 Task Manager									_		\times	
<u>File Options View</u>												
Processes	Performance	App history		Start	up	Users	Details		Service	5		
Name				PID		Status			Description			
MicrosoftEdgeElevationService						Stopped			Microsoft Edge Elevatior			
MixedRealityOpenXRSvc						Stopped			Windows Mixed Reality			
🔍 MongoDB					Stopped			MongoDB Server (Mong				
🔍 MongoDB4.4			612	8	Running			MongoDB Server (Mong				
🤐 mosquitto				2	Running M			Mos	Mosquitto Broker			
San Mozilla Maintenance					Stopped			Mozilla Maintenance Ser				
🔍 mpssvc			2772		Running			Windows Defender Firew				
SDTC					Stopped			Distributed Transaction (
Siscsi 🔍				Sto		pped		Microsoft iSCSI Initiator				
🥋 msiserver			St		Sto	opped		Windows Installer				
🧠 MsMpiLaunchSvc					Stopped			MS-MPI Launch Service				
🥋 NaturalAuthentication			10172		Running			Natural Authentication				
					-	-						

Set up the client application

To be able to see messages sent by Niagara through the broker you will need another client. You can use this application https://mqtt-explorer.com/

(Or you can use your own application)

- 1. Download the application and launch the exe if you're running Windows.
- 2. Open the app choose localhost and the port then connect.



Next Step

Step 2 Set up the MQTT connector for devices, points and references