

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.

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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 mosquitto`

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://mosquitto.org>

Raspberry Pi

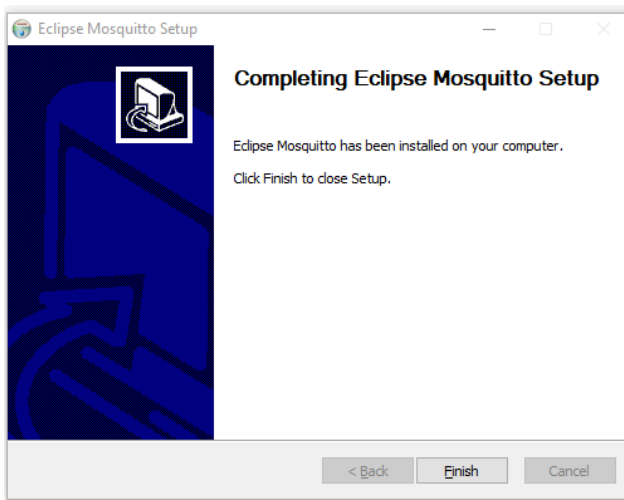
Mosquitto is available through the main repository.

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

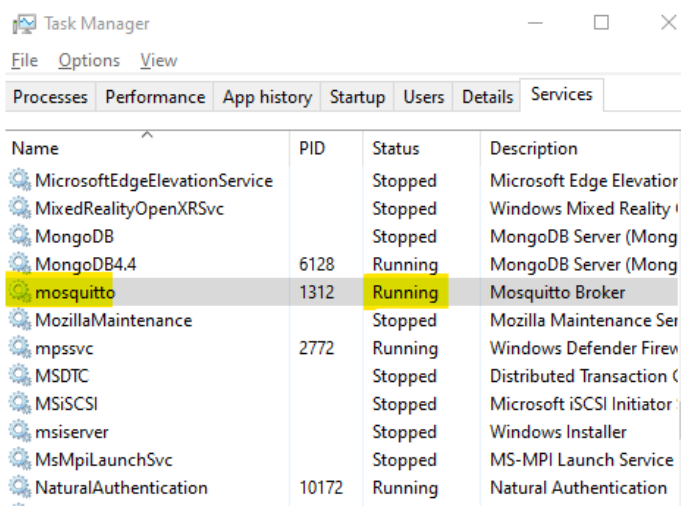
Ubuntu

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

2. Install the server.



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

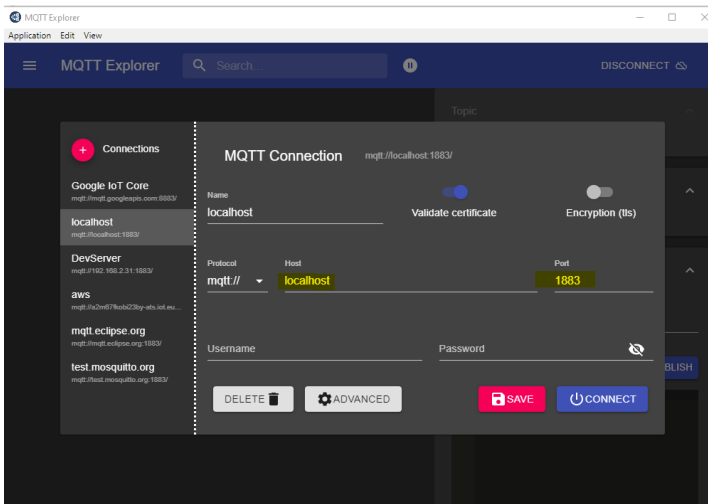


Set up the client application

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