

# Azure Marketplace Installation

## Prerequisites

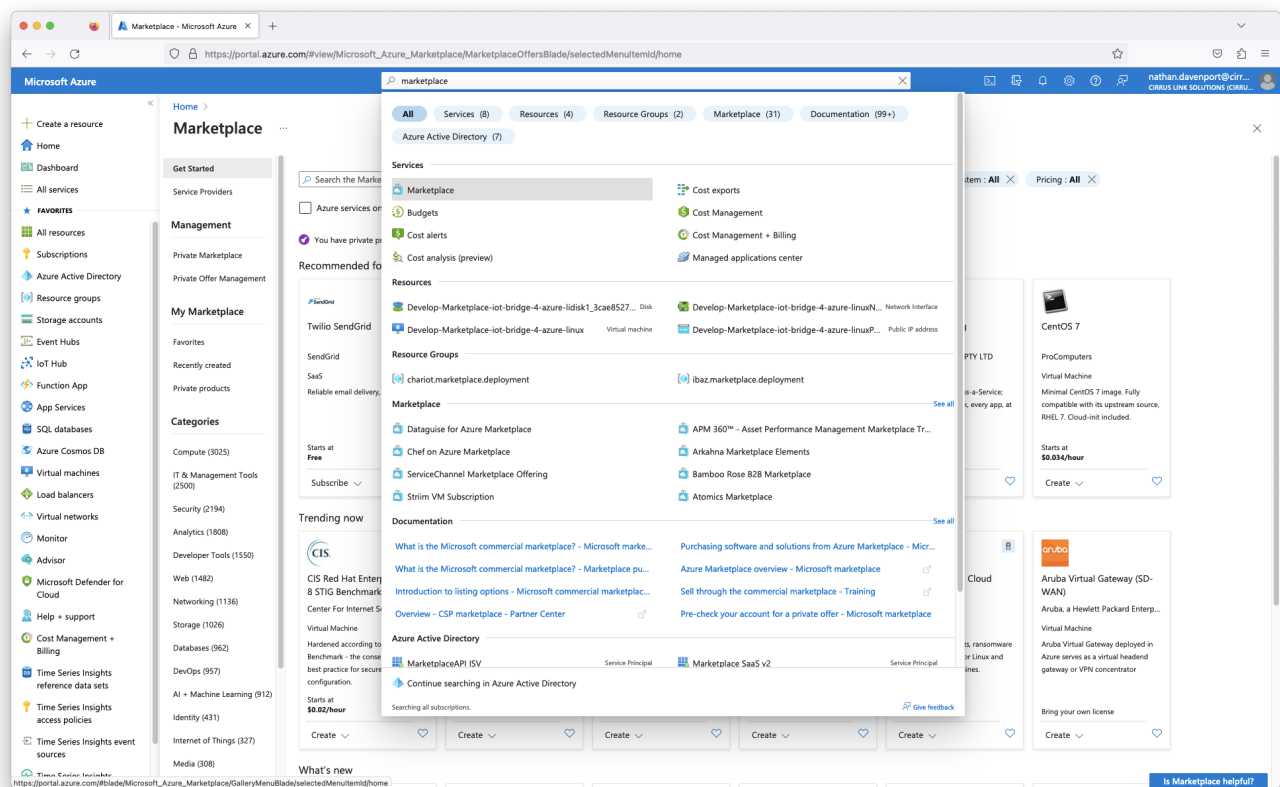
Before being able to install and set up the Chariot MQTT Server you must have a Microsoft Azure account. If you do not already have one you can create one [here](#).

## Summary

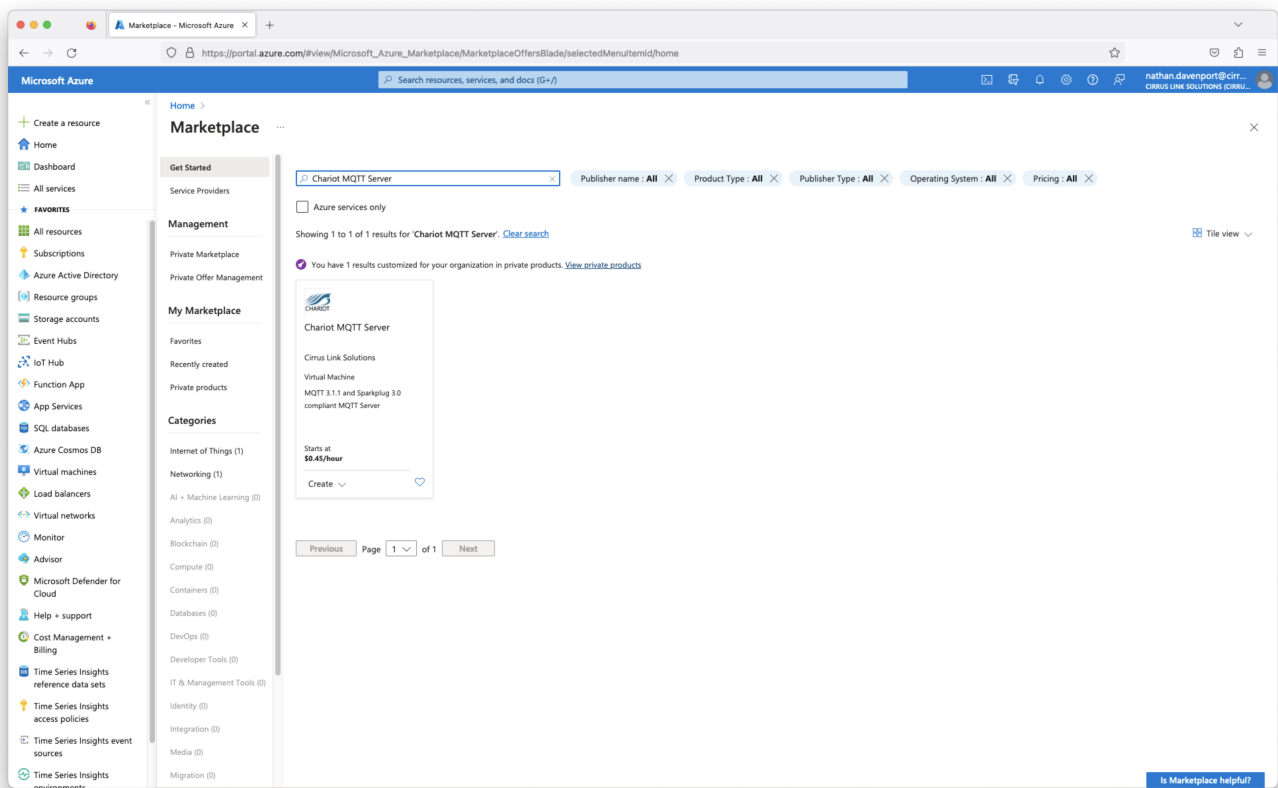
This process covers installing the Chariot MQTT Server into an subscription as a VM instance.

## Chariot Installation on Azure via Marketplace

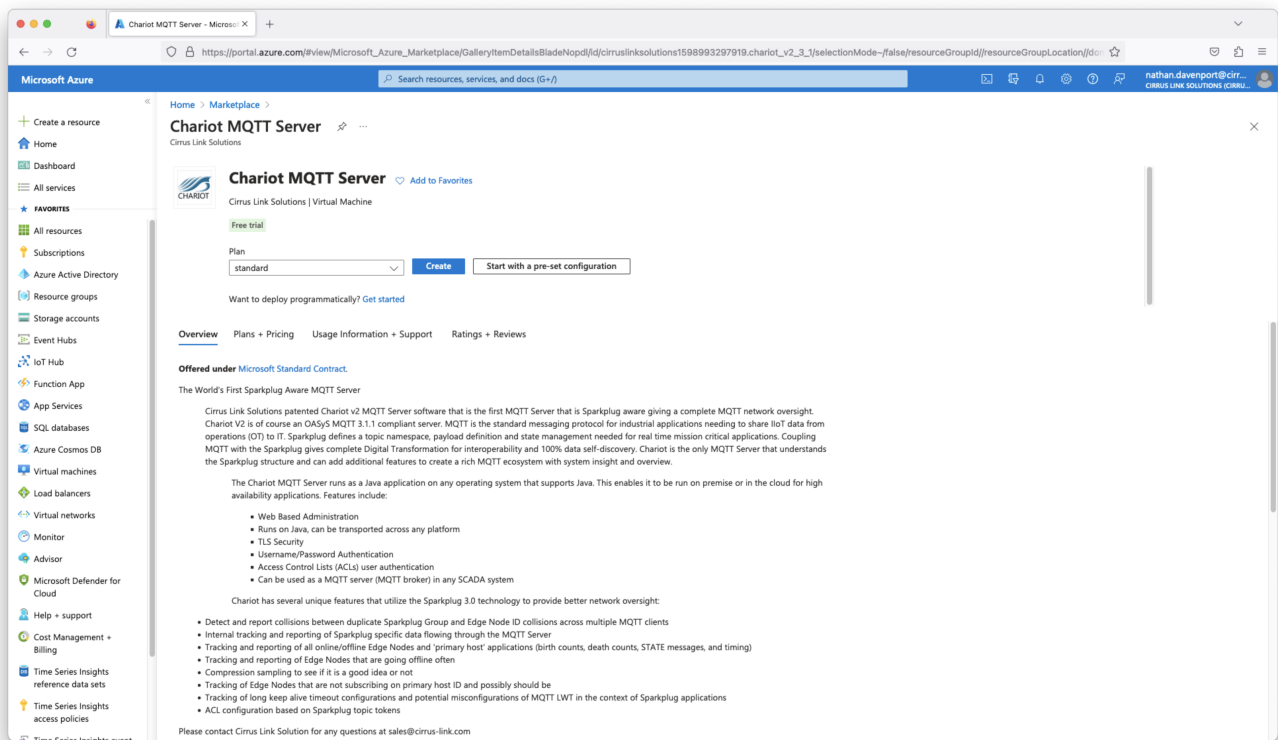
Chariot is installed through the Azure Marketplace as a Virtual Machine offering. Begin by logging into the Azure Portal <https://portal.azure.com> then navigate to the Azure Marketplace. After doing so, you will see something similar to what is shown below.



In the search bar, type in 'Chariot MQTT Server' and hit enter. This should show the following.



Then click on Chariot MQTT Server by Cirrus Link. After doing so, you should see the following.



Click the blue 'Create' button near the top of the screen. This will bring up the following Azure VM wizard to guide you through the Chariot MQTT Server VM creation.

The screenshot shows the 'Create a virtual machine' wizard in the Microsoft Azure portal. The 'Basics' tab is active, and the configuration is as follows:

- Subscription:** Cirrus-Link-Primary-Subscription
- Resource group:** (New) chariot.mqtt.server.group
- Virtual machine name:** chariot.mqtt.server
- Region:** (US) West US 3
- Availability options:** Availability zone
- Availability zone:** Zones 1
- Security type:** Standard
- Image:** standard - x64 Gen1
- VM architecture:** x64

The 'Review + create' button is located at the bottom left of the form.



If the subscription is a Microsoft CSP (Cloud Solution Provider) created subscription, the CSP Tenant ID must be provided to CirrusLink to be added to the CSP whitelist on the offering.

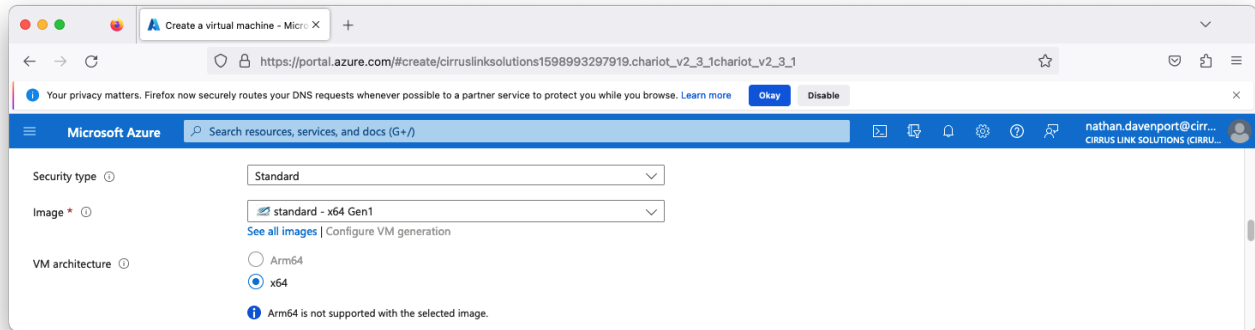
The Chariot MQTT Server will fail to deploy with a subscription error if this has not been completed.

To get the Tenant ID:

- Provide the subscription ID to the CSP to give to Microsoft Support
  - The CSP needs to request their CSP Tenant ID for the subscription ID from Microsoft Support
- Provide [support@cirrus-link.com](mailto:support@cirrus-link.com) the Tenant ID to be added to the CSP whitelist on the offering
  - It usually takes 24 - 48 hours for this submission to complete



On the top portion of the Basics step, make sure to set Security type to *Standard* and the VM Image named *standard - x64 Gen1* with the Chariot logo next to it. This will install the Cirrus Link provided Ubuntu Linux VM image with the Chariot MQTT Server software preloaded. You do not have the option to choose another OS type via any other VM image provided.



Configure anything else that may be required in the remaining VM wizard steps to complete your Chariot MQTT Server deployment. By default, port 22 will be open on the VM so one can SSH into the instance when required. You will need to configure additional Networking rules on the Chariot VM instance to allow connections to Chariot's web UI (default port is 8080), MQTT (1883) and MQTTS (8883) ports.

More information on configuring the Chariot MQTT Server can be found [here](#).

Information on accessing the Chariot MQTT Server VM instance via SSH can be found [here](#).

## Chariot Configuration

For configuration details, please see: [Chariot MQTT Server: Configuration](#)

## Reference Documentation

- [Chariot MQTT Server Tutorials and How-Tos](#)
- [FAQ: Chariot MQTT Server](#)