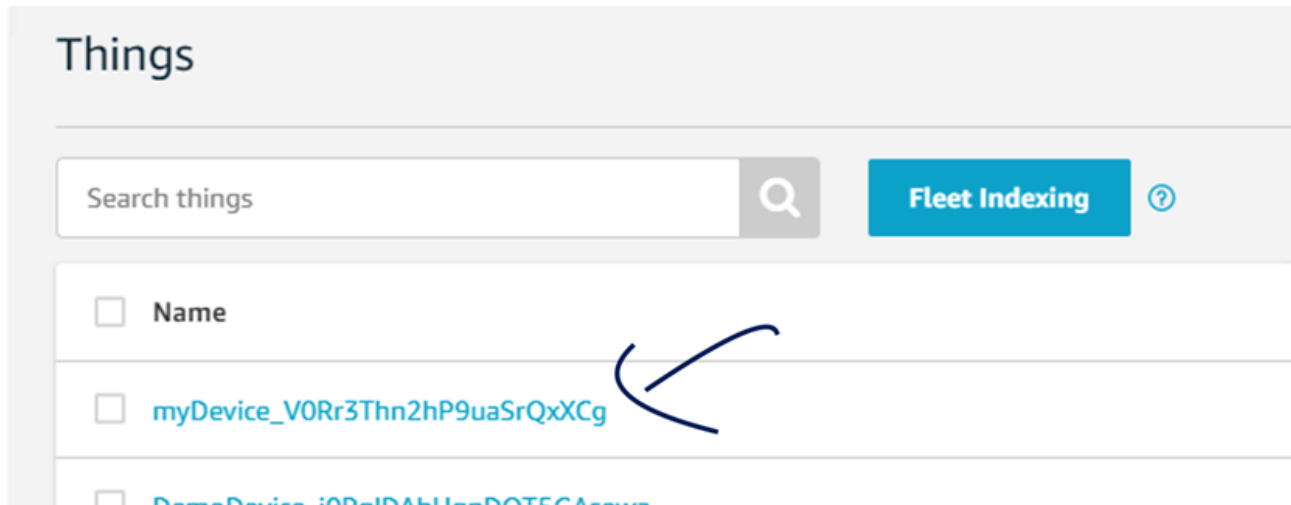


# AWS IoTCore Connector Specifics

AWS' IoTCore turns a Linkspier container (a device or a Node) into a "thing". They are automatically provisioned in AWS.

There are no concepts of points in IoTCore. The initialization phase of a device and a point (their registration) sends the list of tags (with respect to data models) to the **/service** topic and allows to capture the existence of points.



MQTT topics are organised according to the deviceId (the unique identifier of a container)

Changes in the value of a point are sent to the topic **/events**.

State changes of a point are sent to the **/state** topic

Requests for modifications (writing a point, acknowledging an alarm...) must be sent by the third party service on the **/command** topic

|   |                               |
|---|-------------------------------|
|  Devices Message Topic Format      | /devices/\${deviceId}/events  |
|  Devices State Topic Format        | /devices/\${deviceId}/state   |
|  Devices Service Topic Format      | /devices/\${deviceId}/service |
|  Devices Subscription Topic Format | /devices/\${deviceId}/command |

Note that it is also possible to use the AWS Shadow concept to apply commands