# Chapter 7b: Cloud Connectivity using MQTT + Amazon Web Services

## Objective

Most important excersize is the one that takes you step by step through the code.

### Amazon Web Services (AWS)

Most important point is that it is more than just a message broker… it does database, messages, … etc.

This is not just your raspberry pi running linux

### Amazon AWS IoT Introduction

Explain the AWS architecture… show what parts we are going to touch.

### Amazon AWS IoT Resources

Thing – awkward word…

Certificate (is used for two sides TLS connection)

The policy is an enterprise user management concept.

### Amazon AWS MQTT

There are lots of devices that can do MQTT… including the test console

Thing Shadow is just a cache for an ephemeral thing in JSON format

#### MQTT Topics

Device Shadow MQTT Topics… needed for the Project…