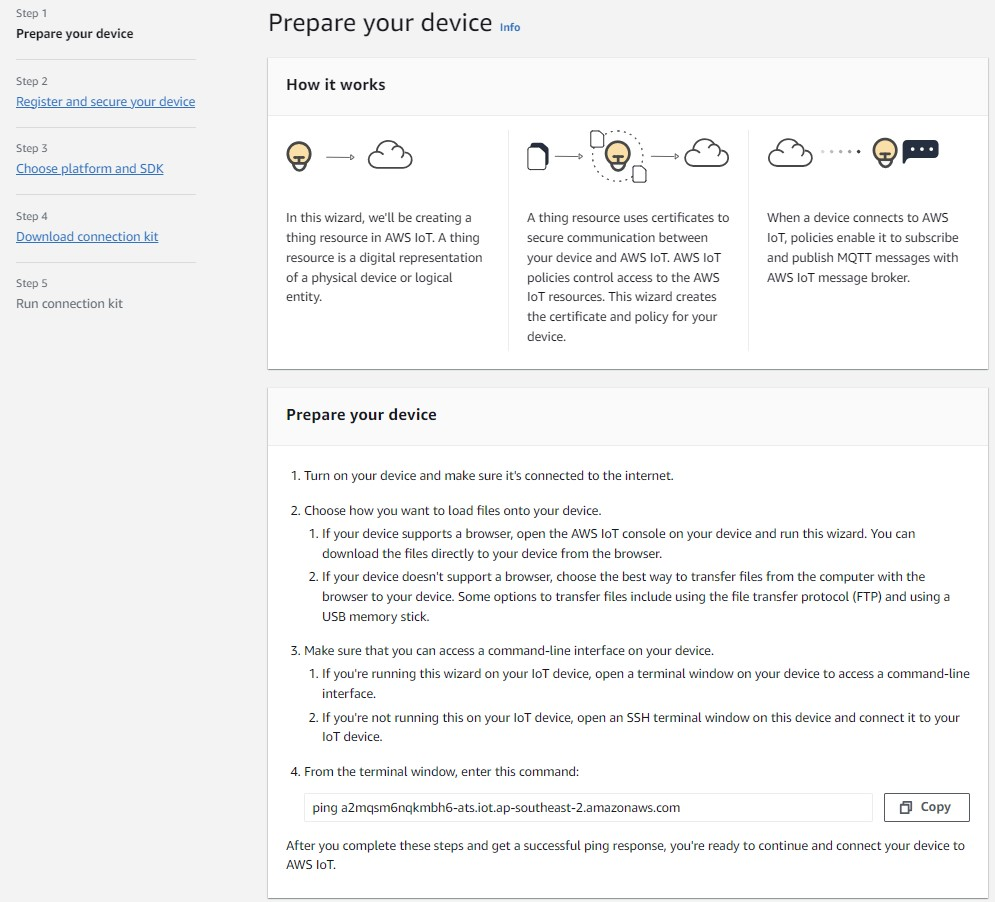
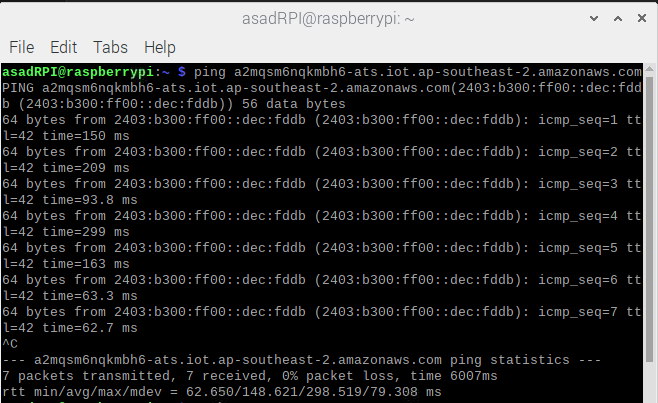
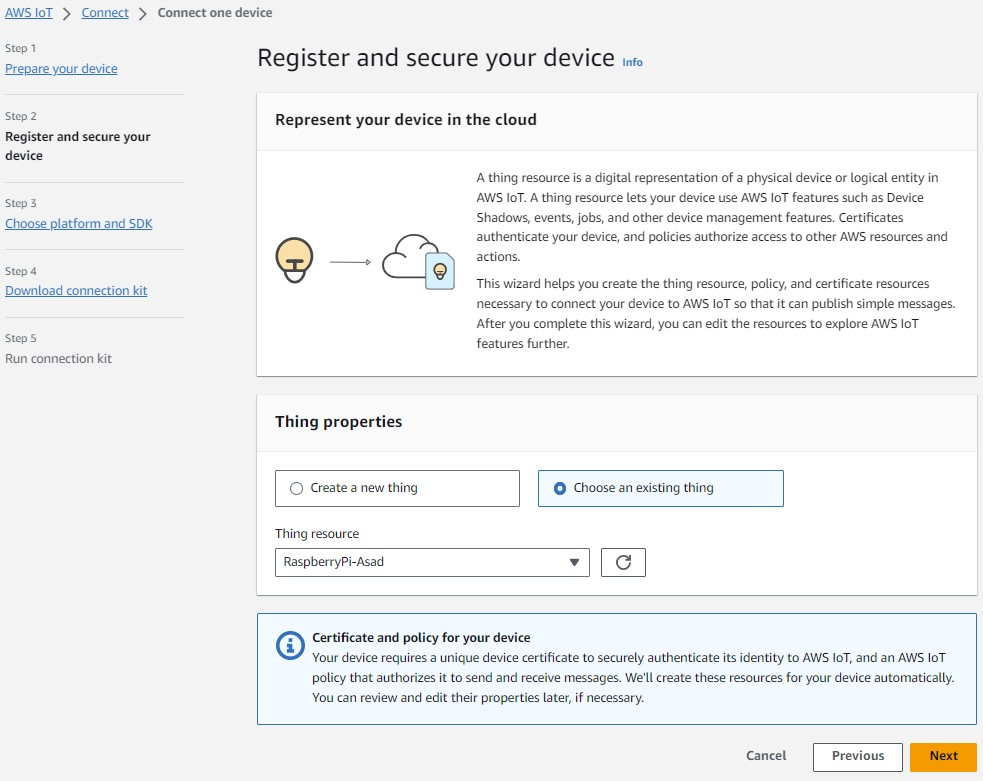
Communication to a Database Proposed architecture for minimum functionality (Work in Progress):

1. AWS IoT Core
   1. Setup
      1. Prepare device





* + 1. Register and secure device



* + 1. Choose platform and SDK

A screenshot of a computer

Description automatically generated

* + 1. Download connection kit

A screenshot of a software

Description automatically generated

A screenshot of a computer

Description automatically generated

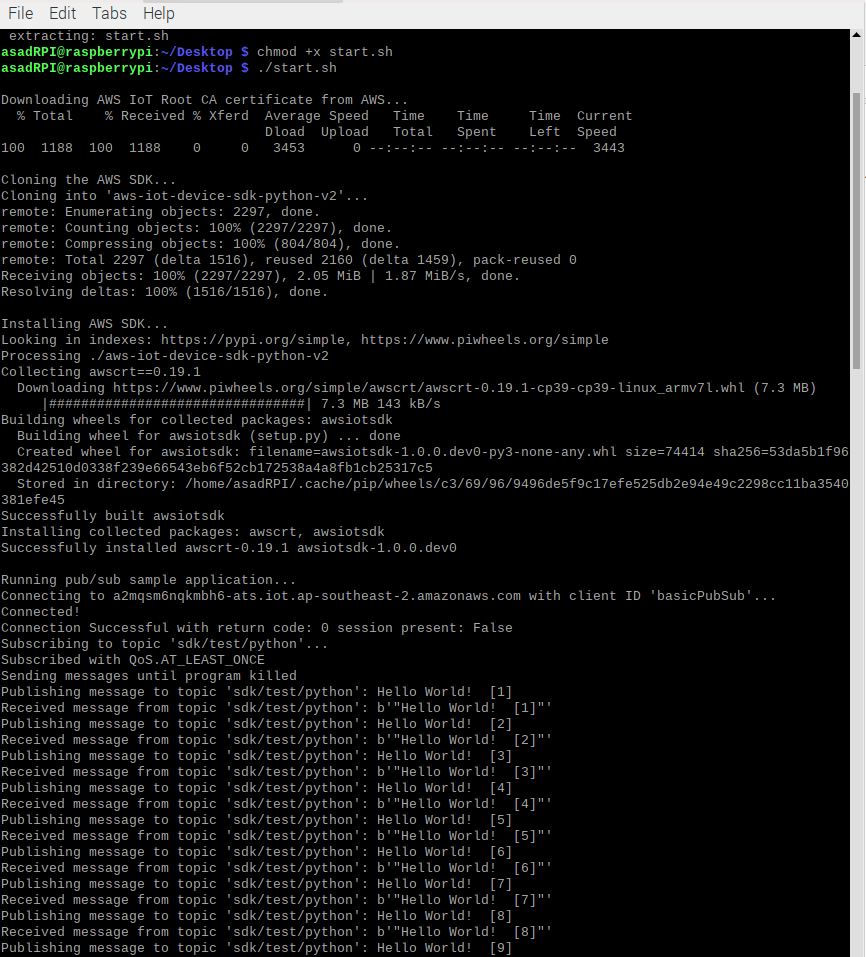
* + 1. Run connection kit on device

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1. Python Script on Raspberry Pi
   1. MQTT Protocol for connection – need to determine MQTT 5 vs MQTT 3
2. AWS Lambda for function
3. AWS DynamoDB for Database
4. AWS Amplify Studio for building the WebApp
   1. Figma for design

Communication to Database Proposed architecture for maximum functionality (livestreaming video) Work in Progress:

1. Python Script on Raspberry Pi
2. AWS IoT Core - AWS Kinesis Video Streams for Video
3. AWS IoT Core
4. …. Not sure need to look into this