

Project 3 Report Part 2

Continuous Temperature Data Monitoring System with AWS IoT Core

Group 8

Fozeya-Nikka Alviar

Angeline Nicole Faina

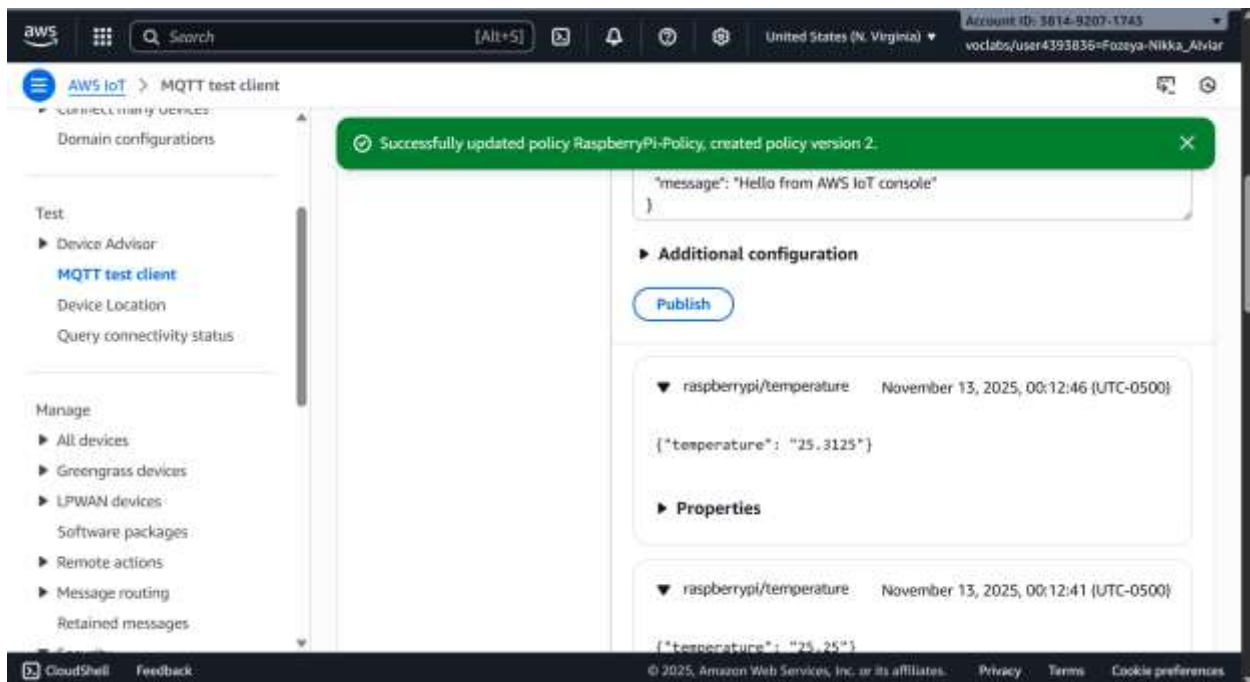
Sam Omandam

CYT160NBB

14 November 2025

Prof. Saeed Naghizadeh Qomi

Connection between Pi and AWS IoT



Terminal Output

```
pi@CYT160Project: ~/Desktop/CYT160v2
File Edit Tabs Help
DEBUG:AWSIoTPythonSDK.core.protocol.internal.workers:Dispatching [puback] event
DEBUG:AWSIoTPythonSDK.core.protocol.internal.clients:Invoking custom event callback.
..
DEBUG:AWSIoTPythonSDK.core.protocol.internal.clients:This custom event callback is f
or pub/sub/unsub, removing it after invocation...
INFO:AWSIoTPythonSDK.core:Message published to AWS IoT Core.
INFO:AWSIoTPythonSDK.core:Temperature: 25.19C
INFO:AWSIoTPythonSDK.core.protocol.mqtt_core:Performing sync publish...
DEBUG:AWSIoTPythonSDK.core.protocol.internal.clients:Filling in custom puback (QoS>0
) event callback...
DEBUG:AWSIoTPythonSDK.core.protocol.internal.workers:Produced [puback] event
DEBUG:AWSIoTPythonSDK.core.protocol.internal.workers:Dispatching [puback] event
DEBUG:AWSIoTPythonSDK.core.protocol.internal.clients:Invoking custom event callback.
..
DEBUG:AWSIoTPythonSDK.core.protocol.internal.clients:This custom event callback is f
or pub/sub/unsub, removing it after invocation...
INFO:AWSIoTPythonSDK.core:Message published to AWS IoT Core.
INFO:AWSIoTPythonSDK.core:Temperature: 25.25C
INFO:AWSIoTPythonSDK.core.protocol.mqtt_core:Performing sync publish...
DEBUG:AWSIoTPythonSDK.core.protocol.internal.clients:Filling in custom puback (QoS>0
) event callback...
DEBUG:AWSIoTPythonSDK.core.protocol.internal.workers:Produced [puback] event
DEBUG:AWSIoTPythonSDK.core.protocol.internal.workers:Dispatching [puback] event
DEBUG:AWSIoTPythonSDK.core.protocol.internal.clients:Invoking custom event callback.
..
DEBUG:AWSIoTPythonSDK.core.protocol.internal.clients:This custom event callback is f
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```