**Connect to DPS with Username**

[RECV][ 66][\r\n+QMTOPEN: 0,"global.azure-devices-provisioning.net",8883\r\n\r\nOK\r\n]

[SEND][ 58][0ne007F6670/registrations/curiosity/api-version=2019-03-31]

[INFO] **Connected**!

**Subscribe to DPS Topics**

[INFO][QUECTEL MQTT SUB]

[SEND][ 24][$dps/registrations/res/#]

[INFO][QUECTEL MQTT SUB]

[SEND][ 46][$dps/registrations/PUT/iotdps-register/?$rid=1]

[SEND][ 97][

**Announce Registration ID & Model ID**

["registrationId":"curiosity","payload":{"modelId":"dtmi:com:Microchip:PIC32CMLS60\_CURIOSITY;1"}}]

**Request Registration Status**

Waiting for registration status message.

[INFO][QUECTEL MQTT PUB]

[SEND][ 46][$dps/registrations/PUT/iotdps-register/?$rid=1]

**Receive Registration Status Message to get Operation ID**

[MQTT-Basic][Message callback:][$dps/registrations/res/202/?$rid=1&retry-after=3][ {"operationId":"4.f6c2a013525d61c1.02f79a94-ca8a-4d32-a431-660fe38bc468","status":"assigning"} ]

[INFO][QUECTEL MQTT PUB]

[SEND][ 125][$dps/registrations/GET/iotdps-get-operationstatus/?$rid=1&operationId=4.f6c2a013525d61c1.02f79a94-ca8a-4d32-a431-660fe38bc468]

[MQTT-Basic][Message callback:][$dps/registrations/res/202/?$rid=1&retry-after=3][{"operationId":"4.f6c2a013525d61c1.f7d56ac7-93af-4085-8a0d-e45652c6357e","status":"assigning"}]

**Request Operation Status Message**

[INFO][QUECTEL MQTT PUB]

[SEND][ 125][$dps/registrations/GET/iotdps-get-operationstatus/?$rid=1&operationId=4.f6c2a013525d61c1.f7d56ac7-93af-4085-8a0d-e45652c6357e]

**Receive Operation Status Message to get IoT Hub Address**

[MQTT-Basic][Message callback:] [$dps/registrations/res/200/?$rid=1][{"operationId":"4.f6c2a013525d61c1.02f79a94-ca8a-4d32-a431-660fe38bc468","status":"assigned","registrationState":{"x509":{"enrollmentGroupId":"ab193e8f-aed3-4f51-a208-20a130b98e0e"},"registrationId":"curiosity","createdDateTimeUtc":"2022-11-01T15:01:27.6448413Z","assignedHub":"iotc-bc44e06a-5c66-43ba-a183-1e6fdcdef352.azure-devices.net","deviceId":"curiosity","status":"assigned","substatus":"initialAssignment","lastUpdatedDateTimeUtc":"2022-11-01T15:01:28.8984393Z","etag":"ImM5MDJhMTc5LTAwMDAtMDcwMC0wMDAwLTYzNjEzNGM4MDAwMCI="}}]

**Receive Operation Status Message to get IoT Hub Address**

[INFO][QUECTEL MQTT PUB]

Device provisioned!!!IoT Hub Hostname: iotc-bc44e06a-5c66-43ba-a183-1e6fdcdef352.azure-devices.netDevice Id: curiosity

[MQTT-Basic][Message callback:][$dps/registrations/res/200/?$rid=1][{"operationId":"4.f6c2a013525d61c1.f7d56ac7-93af-4085-8a0d-e45652c6357e","status":"assigned","registrationState":{"x509":{"enrollmentGroupId":"ab193e8f-aed3-4f51-a208-20a130b98e0e"},"registrationId":"curiosity","createdDateTimeUtc":"2022-11-01T15:01:31.6702105Z","assignedHub":"iotc-bc44e06a-5c66-43ba-a183-1e6fdcdef352.azure-devices.net","deviceId":"curiosity","status":"assigned","substatus":"initialAssignment","lastUpdatedDateTimeUtc":"2022-11-01T15:01:32.8994837Z","etag":"ImM5MDI1MTdhLTAwMDAtMDcwMC0wMDAwLTYzNjEzNGNjMDAwMCI="}}]

Client disconnected from provisioning service.

**Connect to IoT Hub**

[RECV][ 88][QMTOPEN: 0,"iotc-bc44e06a-5c66-43ba-a183-1e6fdcdef352.azure-devices.net",8883]

[INFO] **Connected to IoT Hub!**

**Request Desired Properties from Device Twin**

[SEND][ 22][$iothub/methods/POST/# ]

[INFO][QUECTEL MQTT SUB]

[SEND][ 39][$iothub/twin/PATCH/properties/desired/# ]

[INFO][QUECTEL MQTT SUB]

[SEND][ 18][$iothub/twin/res/#]

[INFO][QUECTEL MQTT SUB]

**Report Properties to Device Twin**

[SEND][ 46][$iothub/twin/PATCH/properties/reported/?$rid=1]

[SEND][ 29][{"maxTempSinceLastReboot":22}]

[INFO][QUECTEL MQTT PUB]

[SEND][ 24][$iothub/twin/GET/?$rid=2]

[INFO][QUECTEL MQTT PUB]

[SEND][ 34][devices/curiosity/messages/events/]

[MQTT-Basic][Message callback:][$iothub/twin/res/204/?$rid=1&$version=258]

**Acknowledge Desired Properties from the Device Twin**

[INFO][QUECTEL MQTT PUB]

Client received a valid topic.Topic: $iothub/twin/res/204/?$rid=1&$version=258

Payload: Status: 204Message Type: IoT Hub has acknowledged properties that the device sent

[SEND][ 34][devices/curiosity/messages/events/]

[SEND][ 2][",]

[SEND][ 2][20]

[SEND][ 1][\r]

[MQTT-Basic][Message callback:][$iothub/twin/res/200/?$rid=2][{"desired":{"LED0":1,"LED1":1,"telemetryInterval":5,"disableTelemetry":false,"$version":27},"reported":{"maxTempSinceLastReboot":22,"LED0":{"ac":200,"av":26,"ad":"success","value":0.1},"LED1":{"ac":200,"av":27,"ad":"success","value":0.1},"telemetryInterval":{"ac":200,"av":26,"ad":"success","value":5},"disableTelemetry":{"ac":200,"av":26,"ad":"success","value":0},"$version":258}}]

Client received a valid topic.Topic: $iothub/twin/res/200/?$rid=2

Payload:{"desired":{"LED0":1,"LED1":1,"telemetryInterval":5,"disableTelemetry":false,"$version":27},"reported":{"maxTempSinceLastReboot":22,"LED0":{"ac":200,"av":26,"ad":"success","value":0.1},"LED1":{"ac":200,"av":27,"ad":"success","value":0.1},"telemetryInterval":{"ac":200,"av":26,"ad":"success","value":5},"disableTelemetry":{"ac":200,"av":26,"ad":"success","value":0},"$version":258}}Status: 200Message Type: GET

**Confirm LED0 Property Set Correctly**

[INFO][QUECTEL MQTT PUB]

[SEND][ 46][$iothub/twin/PATCH/properties/reported/?$rid=3]

[SEND][ 54][{"LED0":{"ac":200,"av":27,"ad":"success","value":0.1}}]

**Confirm LED1 Property Set Correctly**

[INFO][QUECTEL MQTT PUB]

[SEND][ 46][$iothub/twin/PATCH/properties/reported/?$rid=4]

[SEND][ 54][{"LED1":{"ac":200,"av":27,"ad":"success","value":0.1}}]

**Confirm telemetryInterval Property Set Correctly**

[INFO][QUECTEL MQTT PUB]

[SEND][ 46][$iothub/twin/PATCH/properties/reported/?$rid=5]

[SEND][ 65][{"telemetryInterval":{"ac":200,"av":27,"ad":"success","value":5}}]

**Confirm disableTelemetry Property Set Correctly**

[INFO][QUECTEL MQTT PUB]

[SEND][ 46][$iothub/twin/PATCH/properties/reported/?$rid=6]

[SEND][ 64][{"disableTelemetry":{"ac":200,"av":27,"ad":"success","value":0}}]

[INFO][QUECTEL MQTT PUB]

[SEND][ 34][devices/curiosity/messages/events/]

[MQTT-Basic][Message callback:][$iothub/twin/res/204/?$rid=3&$version=259][][URC^][ 66][\r\n+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=6&$version=262",0,""\r\n]

[MQTT-Basic][Message callback:][$iothub/twin/res/204/?$rid=6&$version=262][][URC^][ 66][\r\n+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=4&$version=260",0,""\r\n]

[MQTT-Basic][Message callback:][$iothub/twin/res/204/?$rid=4&$version=260][][URC^][ 66][\r\n+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=5&$version=261",0,""\r\n]

[MQTT-Basic][Message callback:][$iothub/twin/res/204/?$rid=5&$version=261][]

[INFO][QUECTEL MQTT PUB]

Client received a valid topic.Topic: $iothub/twin/res/204/?$rid=5&$version=261

Payload: Status: 204Message Type: IoT Hub has acknowledged properties that the device sent

Client received a valid topic.Topic: $iothub/twin/res/204/?$rid=5&$version=261

Payload: Status: 204Message Type: IoT Hub has acknowledged properties that the device sent

**Received ‘sendMsg’ command from the Cloud**

[RECV][ 118][\r\n+QMTPUB: 0,0,0\r\n\r\n+QMTRECV: 0,0,"$iothub/methods/POST/sendMsg/?$rid=1",34,"{"sendMsgString":"Hello World!!!"}"\r\n\r\n> ]

[MQTT-Basic][Message callback:][$iothub/twin/PATCH/properties/desired/?$version=28][{"LED0":0,"LED1":0,"$version":28}]

Client received a valid topic.Topic: $iothub/twin/PATCH/properties/desired/?$version=28Payload: {"LED0":0,"LED1":0,"$version":28}Status: 200Message Type: Desired Properties

[SEND][ 46][$iothub/twin/PATCH/properties/reported/?$rid=7]

[SEND][ 46][$iothub/twin/PATCH/properties/reported/?$rid=8]

[INFO][QUECTEL MQTT PUB]

[MQTT-Basic][Message callback:][$iothub/twin/res/400/?$rid=7][{"errorCode":400004,"trackingId":"f9cc0ccaeab6475e9b2ea73bd602b296-G:0-TimeStamp:11/01/2022 15:02:27","message":"Error occured while parsing message payload as UTF-8 Json object.","timestampUtc":"2022-11-01T15:02:27.6484663Z"}][RECV][ 4][\r\n> ]

[INFO][QUECTEL MQTT PUB]

Client received a valid topic.Topic: $iothub/twin/res/400/?$rid=7

Payload: {"errorCode":400004,"trackingId":"f9cc0ccaeab6475e9b2ea73bd602b296-G:0-TimeStamp:11/01/2022 15:02:27","message":"Error occured while parsing message payload as UTF-8 Json object.","timestampUtc":"2022-11-01T15:02:27.6484663Z"}Status: 400Message Type: Request Error

**Received ‘recvMsg’ command from the Cloud**

[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 34][devices/curiosity/messages/events/]

[SEND][ 2][",]

[SEND][ 2][22]

[SEND][ 1][\r]

[URC^][ 66][\r\n+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=6&$version=311",0,""\r\n]

[URCv][ 66][\r\n+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=6&$version=311",0,""\r\n]

[MQTT-Basic][Message callback:][$iothub/twin/res/204/?$rid=6&$version=311][]

[URC^][ 66][\r\n+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=7&$version=312",0,""\r\n]

[URCv][ 66][\r\n+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=7&$version=312",0,""\r\n]

[MQTT-Basic][Message callback:][$iothub/twin/res/204/?$rid=7&$version=312][]

[URC^][ 66][\r\n+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=8&$version=313",0,""\r\n]

[URCv][ 66][\r\n+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=8&$version=313",0,""\r\n]

[MQTT-Basic][Message callback:][$iothub/twin/res/204/?$rid=8&$version=313][]

[URC^][ 96][\r\n+QMTRECV: 0,0,"$iothub/methods/POST/recvMsg/?$rid=1",34,"{"recvMsgString":"Hello World!!!"}"\r\n]

[URCv][ 96][\r\n+QMTRECV: 0,0,"$iothub/methods/POST/recvMsg/?$rid=1",34,"{"recvMsgString":"Hello World!!!"}"\r\n]

[MQTT-Basic][Message callback:][$iothub/methods/POST/recvMsg/?$rid=1][{"recvMsgString":"Hello World!!!"}]

Client received a valid topic.

Topic: $iothub/methods/POST/recvMsg/?$rid=1

Payload: {"recvMsgString":"Hello World!!!"}

AZURE: COMMAND\_Handler\_recvMsg()

AZURE: Received message from the Cloud "{"recvMsgString":"Hello World!!!"}"

Client processed command 'recvMsg'

[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 31][$iothub/methods/res/200/?$rid=1]

[SEND][ 2][",]

[SEND][ 2][20]

[SEND][ 1][\r]

[RECV][ 4][\r\n> ]

[SEND][ 20][{"status":"Success"}]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

Client published the Command response.

Status: 200

Payload: {"status":"Success"}

Waiting for command request or device property message.

Client received a valid topic.

Topic: $iothub/methods/POST/recvMsg/?$rid=1

Payload: {"recvMsgString":"Hello World!!!"}

AZURE: COMMAND\_Handler\_recvMsg()

AZURE: Received message from the Cloud "{"recvMsgString":"Hello World!!!"}"

Client processed command 'recvMsg'

[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 31][$iothub/methods/res/200/?$rid=1]

[SEND][ 2][",]

[SEND][ 2][20]

[SEND][ 1][\r]

[RECV][ 4][\r\n> ]

[SEND][ 20][{"status":"Success"}]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

Client published the Command response.

Status: 200

Payload: {"status":"Success"}

Waiting for command request or device property message.

Client received a valid topic.

Topic: $iothub/methods/POST/recvMsg/?$rid=1

Payload: {"recvMsgString":"Hello World!!!"}

AZURE: COMMAND\_Handler\_recvMsg()

AZURE: Received message from the Cloud "{"recvMsgString":"Hello World!!!"}"

Client processed command 'recvMsg'

[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 31][$iothub/methods/res/200/?$rid=1]

[SEND][ 2][",]

[SEND][ 2][20]

[SEND][ 1][\r]

[RECV][ 4][\r\n> ]

[SEND][ 20][{"status":"Success"}]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

Client published the Command response.

Status: 200

Payload: {"status":"Success"}

Waiting for command request or device property message.

Client received a valid topic.

Topic: $iothub/methods/POST/recvMsg/?$rid=1

Payload: {"recvMsgString":"Hello World!!!"}

AZURE: COMMAND\_Handler\_recvMsg()

AZURE: Received message from the Cloud "{"recvMsgString":"Hello World!!!"}"

Client processed command 'recvMsg'

[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 31][$iothub/methods/res/200/?$rid=1]

[SEND][ 2][",]

[SEND][ 2][20]

[SEND][ 1][\r]

[RECV][ 4][\r\n> ]

[SEND][ 20][{"status":"Success"}]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

Client published the Command response.

Status: 200

Payload: {"status":"Success"}

**Received ‘reboot’ command from the Cloud**

[INFO][QUECTEL MQTT PUB]

[SEND][ 34][devices/curiosity/messages/events/]

[MQTT-Basic][Message callback:][$iothub/methods/POST/reboot/?$rid=2]["PT5S"]

[INFO][QUECTEL MQTT PUB]

Client received a valid topic.Topic: $iothub/methods/POST/reboot/?$rid=2

Payload: "PT5S"AZURE: COMMAND\_Handler\_reboot() : Received payload = "PT5S"

AZURE: Scheduling reboot in 5 sec

Client processed command 'reboot'

[SEND][ 31][$iothub/methods/res/200/?$rid=2]

[SEND][ 30][{"status":"Success","delay":5}]

[INFO][QUECTEL MQTT PUB]

Client published the Command response.

Status: 200

Payload: {"status":"Success","delay":5}

**\*\*\* Device was rebooted here \*\*\***

[SEND][ 3][AT\r]

[RECV][ 9][AT\r\r\nOK\r\n]

[SEND][ 3][AT\r]

[RECV][ 9][AT\r\r\nOK\r\n]

[SEND][ 3][AT\r]

[RECV][ 9][AT\r\r\nOK\r\n]

[SEND][ 5][ATE0\r]

[RECV][ 11][ATE0\r\r\nOK\r\n]

[SEND][ 3][AT\r]

[RECV][ 6][\r\nOK\r\n]

[SEND][ 10][AT+CMEE=1\r]

[RECV][ 6][\r\nOK\r\n]

[SEND][ 11][AT+QISDE=0\r]

[RECV][ 6][\r\nOK\r\n]

[SEND][ 22][AT+QMTCFG="ssl",0,1,2\r]

[RECV][ 6][\r\nOK\r\n]

[SEND][ 24][AT+QMTCFG="version",0,4\r]

[RECV][ 6][\r\nOK\r\n]

[SEND][ 13][AT+QSSLSTATE\r]

[RECV][ 6][\r\nOK\r\n]

[SEND][ 9][AT+CPIN?\r]

[RECV][ 22][\r\n+CPIN: READY\r\n\r\nOK\r\n]

[SEND][ 8][AT+CFUN=]

[SEND][ 1][1]

[SEND][ 1][\r]

[RECV][ 6][\r\nOK\r\n]

[SEND][ 9][AT+CFUN?\r]

[RECV][ 18][\r\n+CFUN: 1\r\n\r\nOK\r\n]

[SEND][ 10][AT+QIACT?\r]

[RECV][ 6][\r\nOK\r\n]

[SEND][ 11][AT+QIDEACT=]

[SEND][ 1][1]

[SEND][ 1][\r]

[RECV][ 6][\r\nOK\r\n]

[SEND][ 10][AT+QIACT?\r]

[RECV][ 6][\r\nOK\r\n]

[SEND][ 10][AT+QIACT?\r]

[RECV][ 6][\r\nOK\r\n]

[SEND][ 9][AT+QIACT=]

[SEND][ 1][1]

[SEND][ 1][\r]

[RECV][ 6][\r\nOK\r\n]

[SEND][ 10][AT+QIACT?\r]

[RECV][ 40][\r\n+QIACT: 1,1,1,"100.96.137.153"\r\n\r\nOK\r\n]

[SEND][ 23][AT+QSSLCFG="cacert",2,"]

[SEND][ 21][baltimore\_ca\_cert.pem]

[SEND][ 2]["\r]

[RECV][ 6][\r\nOK\r\n]

[SEND][ 27][AT+QSSLCFG="clientcert",2,"]

[SEND][ 18][device\_ec\_cert.pem]

[SEND][ 2]["\r]

[RECV][ 6][\r\nOK\r\n]

[SEND][ 26][AT+QSSLCFG="clientkey",2,"]

[SEND][ 17][device\_ec\_key.pem]

[SEND][ 2]["\r]

[RECV][ 6][\r\nOK\r\n]

[SEND][ 26][AT+QSSLCFG="seclevel",2,2\r]

[RECV][ 6][\r\nOK\r\n]

[SEND][ 28][AT+QSSLCFG="sslversion",2,4\r]

[RECV][ 6][\r\nOK\r\n]

[SEND][ 34][AT+QSSLCFG="ciphersuite",2,0xFFFF\r]

[RECV][ 6][\r\nOK\r\n]

[SEND][ 31][AT+QSSLCFG="ignorelocaltime",1\r]

[RECV][ 41][\r\n+QSSLCFG: "ignorelocaltime",1,1\r\n\r\nOK\r\n]

[SEND][ 13][AT+QSSLSTATE\r]

[RECV][ 6][\r\nOK\r\n]

IoT provisioning client ID: curiosity

MQTT user name: 0ne007F6670/registrations/curiosity/api-version=2019-03-31

[SEND][ 28][AT+QMTCFG="recv/mode",0,0,1\r]

[RECV][ 6][\r\nOK\r\n]

[SEND][ 12][AT+QMTOPEN?\r]

[RECV][ 6][\r\nOK\r\n]

[SEND][ 14][AT+QMTCLOSE=0\r]

[RECV][ 9][\r\nERROR\r\n]

[SEND][ 13][AT+QMTOPEN=0,]

[SEND][ 1]["]

[SEND][ 37][global.azure-devices-provisioning.net]

[SEND][ 2][",]

[SEND][ 4][8883]

[SEND][ 1][\r]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 15][+QMTOPEN: 0,0\r\n]

[URCv][ 15][+QMTOPEN: 0,0\r\n]

connected

[SEND][ 12][AT+QMTOPEN?\r]

[RECV][ 66][\r\n+QMTOPEN: 0,"global.azure-devices-provisioning.net",8883\r\n\r\nOK\r\n]

[SEND][ 22][AT+QMTCFG="ssl",0,1,2\r]

[RECV][ 6][\r\nOK\r\n]

[SEND][ 24][AT+QMTCFG="version",0,4\r]

[RECV][ 6][\r\nOK\r\n]

[SEND][ 11][AT+QMTCONN=]

[SEND][ 2][0,]

[SEND][ 1]["]

[SEND][ 9][curiosity]

[SEND][ 1]["]

[SEND][ 1][,]

[SEND][ 1]["]

[SEND][ 58][0ne007F6670/registrations/curiosity/api-version=2019-03-31]

[SEND][ 1]["]

[SEND][ 1][\r]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 17][+QMTCONN: 0,0,0\r\n]

[URCv][ 17][+QMTCONN: 0,0,0\r\n]

[SEND][ 12][AT+QMTOPEN?\r]

[RECV][ 66][\r\n+QMTOPEN: 0,"global.azure-devices-provisioning.net",8883\r\n\r\nOK\r\n]

[INFO] Connected!

[SEND][ 15][AT+QMTSUB=0,1,"]

[SEND][ 24][$dps/registrations/res/#]

[SEND][ 4][",2\r]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 18][+QMTSUB: 0,1,0,1\r\n]

[URCv][ 18][+QMTSUB: 0,1,0,1\r\n]

[INFO][QUECTEL MQTT SUB]

[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 46][$dps/registrations/PUT/iotdps-register/?$rid=1]

[SEND][ 2][",]

[SEND][ 2][97]

[SEND][ 1][\r]

[RECV][ 4][\r\n> ]

[SEND][ 97][{"registrationId":"curiosity","payload":{"modelId":"dtmi:com:Microchip:PIC32CMLS60\_CURIOSITY;1"}}]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

Waiting for registration status message.[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 46][$dps/registrations/PUT/iotdps-register/?$rid=1]

[SEND][ 2][",]

[SEND][ 1][1]

[SEND][ 1][\r]

[URC^][ 168][\r\n+QMTRECV: 0,2,"$dps/registrations/res/202/?$rid=1&retry-after=3",94,"{"operationId":"4.f6c2a013525d61c1.98ae52ca-4e23-49a0-8f7a-b888a9b982d5","status":"assigning"}"\r\n]

[URCv][ 168][\r\n+QMTRECV: 0,2,"$dps/registrations/res/202/?$rid=1&retry-after=3",94,"{"operationId":"4.f6c2a013525d61c1.98ae52ca-4e23-49a0-8f7a-b888a9b982d5","status":"assigning"}"\r\n]

[MQTT-Basic][Message callback:][$dps/registrations/res/202/?$rid=1&retry-after=3][{"operationId":"4.f6c2a013525d61c1.98ae52ca-4e23-49a0-8f7a-b888a9b982d5","status":"assigning"}][RECV][ 4][\r\n> ]

[SEND][ 1][ ]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 125][$dps/registrations/GET/iotdps-get-operationstatus/?$rid=1&operationId=4.f6c2a013525d61c1.98ae52ca-4e23-49a0-8f7a-b888a9b982d5]

[SEND][ 2][",]

[SEND][ 1][1]

[SEND][ 1][\r]

[URC^][ 168][\r\n+QMTRECV: 0,2,"$dps/registrations/res/202/?$rid=1&retry-after=3",94,"{"operationId":"4.f6c2a013525d61c1.3910b74d-ce87-463d-9afa-626bdf9960b5","status":"assigning"}"\r\n]

[URCv][ 168][\r\n+QMTRECV: 0,2,"$dps/registrations/res/202/?$rid=1&retry-after=3",94,"{"operationId":"4.f6c2a013525d61c1.3910b74d-ce87-463d-9afa-626bdf9960b5","status":"assigning"}"\r\n]

[MQTT-Basic][Message callback:][$dps/registrations/res/202/?$rid=1&retry-after=3][{"operationId":"4.f6c2a013525d61c1.3910b74d-ce87-463d-9afa-626bdf9960b5","status":"assigning"}][RECV][ 4][\r\n> ]

[SEND][ 1][ ]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 125][$dps/registrations/GET/iotdps-get-operationstatus/?$rid=1&operationId=4.f6c2a013525d61c1.3910b74d-ce87-463d-9afa-626bdf9960b5]

[SEND][ 2][",]

[SEND][ 1][1]

[SEND][ 1][\r]

[URC^][ 594][\r\n+QMTRECV: 0,2,"$dps/registrations/res/200/?$rid=1",533,"{"operationId":"4.f6c2a013525d61c1.98ae52ca-4e23-49a0-8f7a-b888a9b982d5","status":"assigned","registrationState":{"x509":{"enrollmentGroupId":"ab193e8f-aed3-4f51-a208-20a130b98e0e"},"registrationId":"curiosity","createdDateTimeUtc":"2022-11-01T15:03:22.3066066Z","assignedHub":"iotc-bc44e06a-5c66-43ba-a183-1e6fdcdef352.azure-devices.net","deviceId":"curiosity","status":"assigned","substatus":"initialAssignment","lastUpdatedDateTimeUtc":"2022-11-01T15:03:23.1856321Z","etag":"ImM5MDJiOTkzLTAwMDAtMDcwMC0wMDAwLTYzNjEzNTNiMDAwMCI="}}"\r\n]

[URCv][ 594][\r\n+QMTRECV: 0,2,"$dps/registrations/res/200/?$rid=1",533,"{"operationId":"4.f6c2a013525d61c1.98ae52ca-4e23-49a0-8f7a-b888a9b982d5","status":"assigned","registrationState":{"x509":{"enrollmentGroupId":"ab193e8f-aed3-4f51-a208-20a130b98e0e"},"registrationId":"curiosity","createdDateTimeUtc":"2022-11-01T15:03:22.3066066Z","assignedHub":"iotc-bc44e06a-5c66-43ba-a183-1e6fdcdef352.azure-devices.net","deviceId":"curiosity","status":"assigned","substatus":"initialAssignment","lastUpdatedDateTimeUtc":"2022-11-01T15:03:23.1856321Z","etag":"ImM5MDJiOTkzLTAwMDAtMDcwMC0wMDAwLTYzNjEzNTNiMDAwMCI="}}"\r\n]

[MQTT-Basic][Message callback:][$dps/registrations/res/200/?$rid=1][{"operationId":"4.f6c2a013525d61c1.98ae52ca-4e23-49a0-8f7a-b888a9b982d5","status":"assigned","registrationState":{"x509":{"enrollmentGroupId":"ab193e8f-aed3-4f51-a208-20a130b98e0e"},"registrationId":"curiosity","createdDateTimeUtc":"2022-11-01T15:03:22.3066066Z","assignedHub":"iotc-bc44e06a-5c66-43ba-a183-1e6fdcdef352.azure-devices.net","deviceId":"curiosity","status":"assigned","substatus":"initialAssignment","lastUpdatedDateTimeUtc":"2022-11-01T15:03:23.1856321Z","etag":"ImM5MDJiOTkzLTAwMDAtMDcwMC0wMDAwLTYzNjEzNTNiMDAwMCI="}}][RECV][ 4][\r\n> ]

[SEND][ 1][ ]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

Device provisioned!!!IoT Hub Hostname: iotc-bc44e06a-5c66-43ba-a183-1e6fdcdef352.azure-devices.netDevice Id: curiosity[SEND][ 13][AT+QMTDISC=0\r]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 592][+QMTRECV: 0,2,"$dps/registrations/res/200/?$rid=1",533,"{"operationId":"4.f6c2a013525d61c1.3910b74d-ce87-463d-9afa-626bdf9960b5","status":"assigned","registrationState":{"x509":{"enrollmentGroupId":"ab193e8f-aed3-4f51-a208-20a130b98e0e"},"registrationId":"curiosity","createdDateTimeUtc":"2022-11-01T15:03:26.6229774Z","assignedHub":"iotc-bc44e06a-5c66-43ba-a183-1e6fdcdef352.azure-devices.net","deviceId":"curiosity","status":"assigned","substatus":"initialAssignment","lastUpdatedDateTimeUtc":"2022-11-01T15:03:27.3620967Z","etag":"ImM5MDI5Mjk0LTAwMDAtMDcwMC0wMDAwLTYzNjEzNTNmMDAwMCI="}}"\r\n]

[URCv][ 592][+QMTRECV: 0,2,"$dps/registrations/res/200/?$rid=1",533,"{"operationId":"4.f6c2a013525d61c1.3910b74d-ce87-463d-9afa-626bdf9960b5","status":"assigned","registrationState":{"x509":{"enrollmentGroupId":"ab193e8f-aed3-4f51-a208-20a130b98e0e"},"registrationId":"curiosity","createdDateTimeUtc":"2022-11-01T15:03:26.6229774Z","assignedHub":"iotc-bc44e06a-5c66-43ba-a183-1e6fdcdef352.azure-devices.net","deviceId":"curiosity","status":"assigned","substatus":"initialAssignment","lastUpdatedDateTimeUtc":"2022-11-01T15:03:27.3620967Z","etag":"ImM5MDI5Mjk0LTAwMDAtMDcwMC0wMDAwLTYzNjEzNTNmMDAwMCI="}}"\r\n]

[MQTT-Basic][Message callback:][$dps/registrations/res/200/?$rid=1][{"operationId":"4.f6c2a013525d61c1.3910b74d-ce87-463d-9afa-626bdf9960b5","status":"assigned","registrationState":{"x509":{"enrollmentGroupId":"ab193e8f-aed3-4f51-a208-20a130b98e0e"},"registrationId":"curiosity","createdDateTimeUtc":"2022-11-01T15:03:26.6229774Z","assignedHub":"iotc-bc44e06a-5c66-43ba-a183-1e6fdcdef352.azure-devices.net","deviceId":"curiosity","status":"assigned","substatus":"initialAssignment","lastUpdatedDateTimeUtc":"2022-11-01T15:03:27.3620967Z","etag":"ImM5MDI5Mjk0LTAwMDAtMDcwMC0wMDAwLTYzNjEzNTNmMDAwMCI="}}][URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 15][+QMTDISC: 0,0\r\n]

[URCv][ 15][+QMTDISC: 0,0\r\n]

[SEND][ 12][AT+QMTOPEN?\r]

[RECV][ 6][\r\nOK\r\n]

Client disconnected from provisioning service.[SEND][ 28][AT+QMTCFG="recv/mode",0,0,1\r]

[RECV][ 6][\r\nOK\r\n]

[SEND][ 12][AT+QMTOPEN?\r]

[RECV][ 6][\r\nOK\r\n]

[SEND][ 14][AT+QMTCLOSE=0\r]

[RECV][ 9][\r\nERROR\r\n]

[SEND][ 13][AT+QMTOPEN=0,]

[SEND][ 1]["]

[SEND][ 59][iotc-bc44e06a-5c66-43ba-a183-1e6fdcdef352.azure-devices.net]

[SEND][ 2][",]

[SEND][ 4][8883]

[SEND][ 1][\r]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 15][+QMTOPEN: 0,0\r\n]

[URCv][ 15][+QMTOPEN: 0,0\r\n]

connected

[SEND][ 12][AT+QMTOPEN?\r]

[RECV][ 88][\r\n+QMTOPEN: 0,"iotc-bc44e06a-5c66-43ba-a183-1e6fdcdef352.azure-devices.net",8883\r\n\r\nOK\r\n]

[SEND][ 22][AT+QMTCFG="ssl",0,1,2\r]

[RECV][ 6][\r\nOK\r\n]

[SEND][ 24][AT+QMTCFG="version",0,4\r]

[RECV][ 6][\r\nOK\r\n]

[SEND][ 11][AT+QMTCONN=]

[SEND][ 2][0,]

[SEND][ 1]["]

[SEND][ 9][curiosity]

[SEND][ 1]["]

[SEND][ 1][,]

[SEND][ 1]["]

[SEND][ 186][iotc-bc44e06a-5c66-43ba-a183-1e6fdcdef352.azure-devices.net/curiosity/?api-version=2020-09-30&DeviceClientType=azsdk-c%2F1.3.2&model-id=dtmi%3Acom%3AMicrochip%3APIC32CMLS60\_CURIOSITY%3B1]

[SEND][ 1]["]

[SEND][ 1][\r]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 17][+QMTCONN: 0,0,0\r\n]

[URCv][ 17][+QMTCONN: 0,0,0\r\n]

[SEND][ 12][AT+QMTOPEN?\r]

[RECV][ 88][\r\n+QMTOPEN: 0,"iotc-bc44e06a-5c66-43ba-a183-1e6fdcdef352.azure-devices.net",8883\r\n\r\nOK\r\n]

[INFO] Connected!

[SEND][ 15][AT+QMTSUB=0,1,"]

[SEND][ 22][$iothub/methods/POST/#]

[SEND][ 4][",2\r]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 18][+QMTSUB: 0,1,0,1\r\n]

[URCv][ 18][+QMTSUB: 0,1,0,1\r\n]

[INFO][QUECTEL MQTT SUB]

[SEND][ 15][AT+QMTSUB=0,1,"]

[SEND][ 39][$iothub/twin/PATCH/properties/desired/#]

[SEND][ 4][",2\r]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 18][+QMTSUB: 0,1,0,1\r\n]

[URCv][ 18][+QMTSUB: 0,1,0,1\r\n]

[INFO][QUECTEL MQTT SUB]

[SEND][ 15][AT+QMTSUB=0,1,"]

[SEND][ 18][$iothub/twin/res/#]

[SEND][ 4][",2\r]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 18][+QMTSUB: 0,1,0,1\r\n]

[URCv][ 18][+QMTSUB: 0,1,0,1\r\n]

[INFO][QUECTEL MQTT SUB]

[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 46][$iothub/twin/PATCH/properties/reported/?$rid=1]

[SEND][ 2][",]

[SEND][ 2][29]

[SEND][ 1][\r]

[RECV][ 4][\r\n> ]

[SEND][ 29][{"maxTempSinceLastReboot":22}]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 24][$iothub/twin/GET/?$rid=2]

[SEND][ 2][",]

[SEND][ 1][1]

[SEND][ 1][\r]

[RECV][ 4][\r\n> ]

[SEND][ 1][ ]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

Waiting for command request or device property message.[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 34][devices/curiosity/messages/events/]

[SEND][ 2][",]

[SEND][ 2][20]

[SEND][ 1][\r]

[URC^][ 66][\r\n+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=1&$version=263",0,""\r\n]

[URCv][ 66][\r\n+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=1&$version=263",0,""\r\n]

[MQTT-Basic][Message callback:][$iothub/twin/res/204/?$rid=1&$version=263][][URC^][ 436][\r\n+QMTRECV: 0,0,"$iothub/twin/res/200/?$rid=2",381,"{"desired":{"LED0":0,"LED1":0,"telemetryInterval":5,"disableTelemetry":false,"$version":28},"reported":{"maxTempSinceLastReboot":22,"LED0":{"ac":200,"av":27,"ad":"success","value":0.1},"LED1":{"ac":200,"av":27,"ad":"success","value":0.1},"telemetryInterval":{"ac":200,"av":27,"ad":"success","value":5},"disableTelemetry":{"ac":200,"av":27,"ad":"success","value":0},"$version":263}}"\r\n]

[URCv][ 436][\r\n+QMTRECV: 0,0,"$iothub/twin/res/200/?$rid=2",381,"{"desired":{"LED0":0,"LED1":0,"telemetryInterval":5,"disableTelemetry":false,"$version":28},"reported":{"maxTempSinceLastReboot":22,"LED0":{"ac":200,"av":27,"ad":"success","value":0.1},"LED1":{"ac":200,"av":27,"ad":"success","value":0.1},"telemetryInterval":{"ac":200,"av":27,"ad":"success","value":5},"disableTelemetry":{"ac":200,"av":27,"ad":"success","value":0},"$version":263}}"\r\n]

[MQTT-Basic][Message callback:][$iothub/twin/res/200/?$rid=2][{"desired":{"LED0":0,"LED1":0,"telemetryInterval":5,"disableTelemetry":false,"$version":28},"reported":{"maxTempSinceLastReboot":22,"LED0":{"ac":200,"av":27,"ad":"success","value":0.1},"LED1":{"ac":200,"av":27,"ad":"success","value":0.1},"telemetryInterval":{"ac":200,"av":27,"ad":"success","value":5},"disableTelemetry":{"ac":200,"av":27,"ad":"success","value":0},"$version":263}}][RECV][ 4][\r\n> ]

[SEND][ 20][{"potentiometer":13}]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

Waiting for command request or device property message.Client received a valid topic.Topic: $iothub/twin/res/200/?$rid=2Payload: {"desired":{"LED0":0,"LED1":0,"telemetryInterval":5,"disableTelemetry":false,"$version":28},"reported":{"maxTempSinceLastReboot":22,"LED0":{"ac":200,"av":27,"ad":"success","value":0.1},"LED1":{"ac":200,"av":27,"ad":"success","value":0.1},"telemetryInterval":{"ac":200,"av":27,"ad":"success","value":5},"disableTelemetry":{"ac":200,"av":27,"ad":"success","value":0},"$version":263}}Status: 200Message Type: GET[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 46][$iothub/twin/PATCH/properties/reported/?$rid=3]

[SEND][ 2][",]

[SEND][ 2][52]

[SEND][ 1][\r]

[RECV][ 4][\r\n> ]

[SEND][ 52][{"LED0":{"ac":200,"av":28,"ad":"success","value":0}}]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 46][$iothub/twin/PATCH/properties/reported/?$rid=4]

[SEND][ 2][",]

[SEND][ 2][52]

[SEND][ 1][\r]

[RECV][ 4][\r\n> ]

[SEND][ 52][{"LED1":{"ac":200,"av":28,"ad":"success","value":0}}]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 46][$iothub/twin/PATCH/properties/reported/?$rid=5]

[SEND][ 2][",]

[SEND][ 2][65]

[SEND][ 1][\r]

[RECV][ 4][\r\n> ]

[SEND][ 65][{"telemetryInterval":{"ac":200,"av":28,"ad":"success","value":5}}]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 46][$iothub/twin/PATCH/properties/reported/?$rid=6]

[SEND][ 2][",]

[SEND][ 2][64]

[SEND][ 1][\r]

[RECV][ 4][\r\n> ]

[SEND][ 64][{"disableTelemetry":{"ac":200,"av":28,"ad":"success","value":0}}]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

Waiting for command request or device property message.Client received a valid topic.Topic: $iothub/twin/res/200/?$rid=2Payload: {"desired":{"LED0":0,"LED1":0,"telemetryInterval":5,"disableTelemetry":false,"$version":28},"reported":{"maxTempSinceLastReboot":22,"LED0":{"ac":200,"av":27,"ad":"success","value":0.1},"LED1":{"ac":200,"av":27,"ad":"success","value":0.1},"telemetryInterval":{"ac":200,"av":27,"ad":"success","value":5},"disableTelemetry":{"ac":200,"av":27,"ad":"success","value":0},"$version":263}}Status: 200Message Type: GET[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 46][$iothub/twin/PATCH/properties/reported/?$rid=7]

[SEND][ 2][",]

[SEND][ 2][52]

[SEND][ 1][\r]

[URC^][ 66][\r\n+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=3&$version=264",0,""\r\n]

[URCv][ 66][\r\n+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=3&$version=264",0,""\r\n]

[MQTT-Basic][Message callback:][$iothub/twin/res/204/?$rid=3&$version=264][][URC^][ 66][\r\n+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=4&$version=265",0,""\r\n]

[URCv][ 66][\r\n+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=4&$version=265",0,""\r\n]

[MQTT-Basic][Message callback:][$iothub/twin/res/204/?$rid=4&$version=265][][URC^][ 66][\r\n+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=6&$version=267",0,""\r\n]

[URCv][ 66][\r\n+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=6&$version=267",0,""\r\n]

[MQTT-Basic][Message callback:][$iothub/twin/res/204/?$rid=6&$version=267][][RECV][ 4][\r\n> ]

[SEND][ 52][{"LED0":{"ac":200,"av":28,"ad":"success","value":0}}]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 46][$iothub/twin/PATCH/properties/reported/?$rid=8]

[SEND][ 2][",]

[SEND][ 2][52]

[SEND][ 1][\r]

[RECV][ 4][\r\n> ]

[SEND][ 52][{"LED1":{"ac":200,"av":28,"ad":"success","value":0}}]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 64][+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=5&$version=266",0,""\r\n]

[URCv][ 64][+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=5&$version=266",0,""\r\n]

[MQTT-Basic][Message callback:][$iothub/twin/res/204/?$rid=5&$version=266][][URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 46][$iothub/twin/PATCH/properties/reported/?$rid=9]

[SEND][ 2][",]

[SEND][ 2][65]

[SEND][ 1][\r]

[RECV][ 4][\r\n> ]

[SEND][ 65][{"telemetryInterval":{"ac":200,"av":28,"ad":"success","value":5}}]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 47][$iothub/twin/PATCH/properties/reported/?$rid=10]

[SEND][ 2][",]

[SEND][ 2][64]

[SEND][ 1][\r]

[RECV][ 4][\r\n> ]

[SEND][ 64][{"disableTelemetry":{"ac":200,"av":28,"ad":"success","value":0}}]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

Waiting for command request or device property message.Client received a valid topic.Topic: $iothub/twin/res/204/?$rid=5&$version=266Payload: Status: 204Message Type: IoT Hub has acknowledged properties that the device sentWaiting for command request or device property message.Client received a valid topic.Topic: $iothub/twin/res/204/?$rid=5&$version=266Payload: Status: 204Message Type: IoT Hub has acknowledged properties that the device sentWaiting for command request or device property message.Client received a valid topic.Topic: $iothub/twin/res/204/?$rid=5&$version=266Payload: Status: 204Message Type: IoT Hub has acknowledged properties that the device sent[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 34][devices/curiosity/messages/events/]

[SEND][ 2][",]

[SEND][ 2][20]

[SEND][ 1][\r]

[URC^][ 66][\r\n+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=7&$version=268",0,""\r\n]

[URCv][ 66][\r\n+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=7&$version=268",0,""\r\n]

[MQTT-Basic][Message callback:][$iothub/twin/res/204/?$rid=7&$version=268][][URC^][ 67][\r\n+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=10&$version=271",0,""\r\n]

[URCv][ 67][\r\n+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=10&$version=271",0,""\r\n]

[MQTT-Basic][Message callback:][$iothub/twin/res/204/?$rid=10&$version=271][][URC^][ 66][\r\n+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=9&$version=270",0,""\r\n]

[URCv][ 66][\r\n+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=9&$version=270",0,""\r\n]

[MQTT-Basic][Message callback:][$iothub/twin/res/204/?$rid=9&$version=270][][URC^][ 66][\r\n+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=8&$version=269",0,""\r\n]

[URCv][ 66][\r\n+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=8&$version=269",0,""\r\n]

[MQTT-Basic][Message callback:][$iothub/twin/res/204/?$rid=8&$version=269][][RECV][ 4][\r\n> ]

[SEND][ 20][{"potentiometer":12}]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

Waiting for command request or device property message.Client received a valid topic.Topic: $iothub/twin/res/204/?$rid=8&$version=269Payload: Status: 204Message Type: IoT Hub has acknowledged properties that the device sentWaiting for command request or device property message.Client received a valid topic.Topic: $iothub/twin/res/204/?$rid=8&$version=269Payload: Status: 204Message Type: IoT Hub has acknowledged properties that the device sentWaiting for command request or device property message.Client received a valid topic.Topic: $iothub/twin/res/204/?$rid=8&$version=269Payload: Status: 204Message Type: IoT Hub has acknowledged properties that the device sentWaiting for command request or device property message.Client received a valid topic.Topic: $iothub/twin/res/204/?$rid=8&$version=269Payload: Status: 204Message Type: IoT Hub has acknowledged properties that the device sentWaiting for command request or device property message.Client received a valid topic.Topic: $iothub/twin/res/204/?$rid=8&$version=269Payload: Status: 204Message Type: IoT Hub has acknowledged properties that the device sent[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 34][devices/curiosity/messages/events/]

[SEND][ 2][",]

[SEND][ 2][20]

[SEND][ 1][\r]

[RECV][ 4][\r\n> ]

[SEND][ 20][{"potentiometer":13}]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 34][devices/curiosity/messages/events/]

[SEND][ 2][",]

[SEND][ 2][20]

[SEND][ 1][\r]

[URC^][ 113][\r\n+QMTRECV: 0,0,"$iothub/twin/PATCH/properties/desired/?$version=29",37,"{"telemetryInterval":4,"$version":29}"\r\n]

[URCv][ 113][\r\n+QMTRECV: 0,0,"$iothub/twin/PATCH/properties/desired/?$version=29",37,"{"telemetryInterval":4,"$version":29}"\r\n]

[MQTT-Basic][Message callback:][$iothub/twin/PATCH/properties/desired/?$version=29][{"telemetryInterval":4,"$version":29}][RECV][ 4][\r\n> ]

[SEND][ 20][{"potentiometer":13}]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

Waiting for command request or device property message.Client received a valid topic.Topic: $iothub/twin/PATCH/properties/desired/?$version=29Payload: {"telemetryInterval":4,"$version":29}Status: 200Message Type: Desired Properties[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 47][$iothub/twin/PATCH/properties/reported/?$rid=11]

[SEND][ 2][",]

[SEND][ 2][65]

[SEND][ 1][\r]

[RECV][ 4][\r\n> ]

[SEND][ 65][{"telemetryInterval":{"ac":200,"av":29,"ad":"success","value":4}}]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 34][devices/curiosity/messages/events/]

[SEND][ 2][",]

[SEND][ 2][20]

[SEND][ 1][\r]

[URC^][ 67][\r\n+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=11&$version=272",0,""\r\n]

[URCv][ 67][\r\n+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=11&$version=272",0,""\r\n]

[MQTT-Basic][Message callback:][$iothub/twin/res/204/?$rid=11&$version=272][][RECV][ 4][\r\n> ]

[SEND][ 20][{"potentiometer":12}]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

Waiting for command request or device property message.Client received a valid topic.Topic: $iothub/twin/res/204/?$rid=11&$version=272Payload: Status: 204Message Type: IoT Hub has acknowledged properties that the device sent[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 34][devices/curiosity/messages/events/]

[SEND][ 2][",]

[SEND][ 2][20]

[SEND][ 1][\r]

[RECV][ 4][\r\n> ]

[SEND][ 20][{"potentiometer":13}]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 34][devices/curiosity/messages/events/]

[SEND][ 2][",]

[SEND][ 2][20]

[SEND][ 1][\r]

[RECV][ 4][\r\n> ]

[SEND][ 20][{"potentiometer":12}]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 34][devices/curiosity/messages/events/]

[SEND][ 2][",]

[SEND][ 2][20]

[SEND][ 1][\r]

[URC^][ 113][\r\n+QMTRECV: 0,0,"$iothub/twin/PATCH/properties/desired/?$version=30",37,"{"telemetryInterval":5,"$version":30}"\r\n]

[URCv][ 113][\r\n+QMTRECV: 0,0,"$iothub/twin/PATCH/properties/desired/?$version=30",37,"{"telemetryInterval":5,"$version":30}"\r\n]

[MQTT-Basic][Message callback:][$iothub/twin/PATCH/properties/desired/?$version=30][{"telemetryInterval":5,"$version":30}][RECV][ 4][\r\n> ]

[SEND][ 20][{"potentiometer":12}]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

Waiting for command request or device property message.Client received a valid topic.Topic: $iothub/twin/PATCH/properties/desired/?$version=30Payload: {"telemetryInterval":5,"$version":30}Status: 200Message Type: Desired Properties[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 47][$iothub/twin/PATCH/properties/reported/?$rid=12]

[SEND][ 2][",]

[SEND][ 2][65]

[SEND][ 1][\r]

[RECV][ 4][\r\n> ]

[SEND][ 65][{"telemetryInterval":{"ac":200,"av":30,"ad":"success","value":5}}]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 34][devices/curiosity/messages/events/]

[SEND][ 2][",]

[SEND][ 2][20]

[SEND][ 1][\r]

[URC^][ 67][\r\n+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=12&$version=273",0,""\r\n]

[URCv][ 67][\r\n+QMTRECV: 0,0,"$iothub/twin/res/204/?$rid=12&$version=273",0,""\r\n]

[MQTT-Basic][Message callback:][$iothub/twin/res/204/?$rid=12&$version=273][][RECV][ 4][\r\n> ]

[SEND][ 20][{"potentiometer":13}]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

Waiting for command request or device property message.Client received a valid topic.Topic: $iothub/twin/res/204/?$rid=12&$version=273Payload: Status: 204Message Type: IoT Hub has acknowledged properties that the device sent[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 34][devices/curiosity/messages/events/]

[SEND][ 2][",]

[SEND][ 2][20]

[SEND][ 1][\r]

[URC^][ 96][\r\n+QMTRECV: 0,0,"$iothub/methods/POST/sendMsg/?$rid=1",34,"{"sendMsgString":"Hello World!!!"}"\r\n]

[URCv][ 96][\r\n+QMTRECV: 0,0,"$iothub/methods/POST/sendMsg/?$rid=1",34,"{"sendMsgString":"Hello World!!!"}"\r\n]

[MQTT-Basic][Message callback:][$iothub/methods/POST/sendMsg/?$rid=1][{"sendMsgString":"Hello World!!!"}][RECV][ 4][\r\n> ]

[SEND][ 20][{"potentiometer":13}]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

Waiting for command request or device property message.Client received a valid topic.Topic: $iothub/methods/POST/sendMsg/?$rid=1Payload: {"sendMsgString":"Hello World!!!"}AZURE: COMMAND\_Handler\_sendMsg()AZURE: Received message from the Cloud "{"sendMsgString":"Hello World!!!"}"Client processed command 'sendMsg'[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 31][$iothub/methods/res/200/?$rid=1]

[SEND][ 2][",]

[SEND][ 2][20]

[SEND][ 1][\r]

[RECV][ 4][\r\n> ]

[SEND][ 20][{"status":"Success"}]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

Client published the Command response.Status: 200Payload: {"status":"Success"}[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 34][devices/curiosity/messages/events/]

[SEND][ 2][",]

[SEND][ 2][20]

[SEND][ 1][\r]

[RECV][ 4][\r\n> ]

[SEND][ 20][{"potentiometer":12}]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 34][devices/curiosity/messages/events/]

[SEND][ 2][",]

[SEND][ 2][20]

[SEND][ 1][\r]

[RECV][ 4][\r\n> ]

[SEND][ 20][{"potentiometer":12}]

[RECV][ 6][\r\nOK\r\n]

[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 34][devices/curiosity/messages/events/]

[SEND][ 2][",]

[SEND][ 2][20]

[SEND][ 1][\r]

[RECV][ 22][\r\n+QMTPUB: 0,0,0\r\n\r\n> ]

Failed to publish telemetry: ewf\_status -50.

[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 34][devices/curiosity/messages/events/]

[SEND][ 2][",]

[SEND][ 2][20]

[SEND][ 1][\r]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 65][+QMTRECV: 0,0,"$iothub/methods/POST/reboot/?$rid=2",7,""PT10S""\r\n]

[URCv][ 65][+QMTRECV: 0,0,"$iothub/methods/POST/reboot/?$rid=2",7,""PT10S""\r\n]

[MQTT-Basic][Message callback:][$iothub/methods/POST/reboot/?$rid=2]["PT10S"][URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

Failed to publish telemetry: ewf\_status -50.

Waiting for command request or device property message.Client received a valid topic.Topic: $iothub/methods/POST/reboot/?$rid=2Payload: "PT10S"AZURE: COMMAND\_Handler\_reboot() : Received payload = "PT10S"AZURE: Scheduling reboot in 10 secClient processed command 'reboot'[SEND][ 19][AT+QMTPUB=0,0,0,0,"]

[SEND][ 31][$iothub/methods/res/200/?$rid=2]

[SEND][ 2][",]

[SEND][ 2][31]

[SEND][ 1][\r]

[RECV][ 4][\r\n> ]

[SEND][ 31][{"status":"Success","delay":10}]

[RECV][ 6][\r\nOK\r\n]

[URC^][ 2][\r\n]

[URCv][ 2][\r\n]

[URC^][ 16][+QMTPUB: 0,0,0\r\n]

[URCv][ 16][+QMTPUB: 0,0,0\r\n]

[INFO][QUECTEL MQTT PUB]

Client published the Command response.Status: 200Payload: {"status":"Success","delay":10}