

lte network status "disconnected".
Why? Is there any relation between this
and the "MQTT_KEEP_ALIVE_TIMEOUT"
"disconnectionReason"?

The screenshot displays the IoT Cloud console for a device named "rIoT-351358811013777-Hollyburn". The device status is "disconnected". The "Device Information" panel on the left lists sections: Device Info, Network Info, Service Info, and Sim Info. The "Device Shadow" panel on the right shows the following JSON data:

```
{
  "shadow": {
    "reported": {
      "device": {
        "connection": {
          "status": "disconnected",
          "keepalive": 1200,
          "disconnectReason": "MQTT_KEEP_ALIVE_TIMEOUT",
          "clientInitiatedDisconnect": false
        }
      }
    },
    "desired": {
      "pairing": {
        "nrfcloud_mqtt_topic_prefix": "prod/51789c46-81ce-4872-b9b8-e7efa03adf21/"
      },
      "config": {
        "version": undefined
      }
    }
  }
}
```

Red arrows point from the text questions to the "disconnected" status, the "MQTT_KEEP_ALIVE_TIMEOUT" reason, and the "keepalive" value in the shadow data.

What's the purpose of the MQTT keepalive timer?
Does the Device-to-Cloud connection disconnect
when the keepalive timer times out?

Does this refer to the Device-to-Cloud connection,
and not to the lte network connection ?