

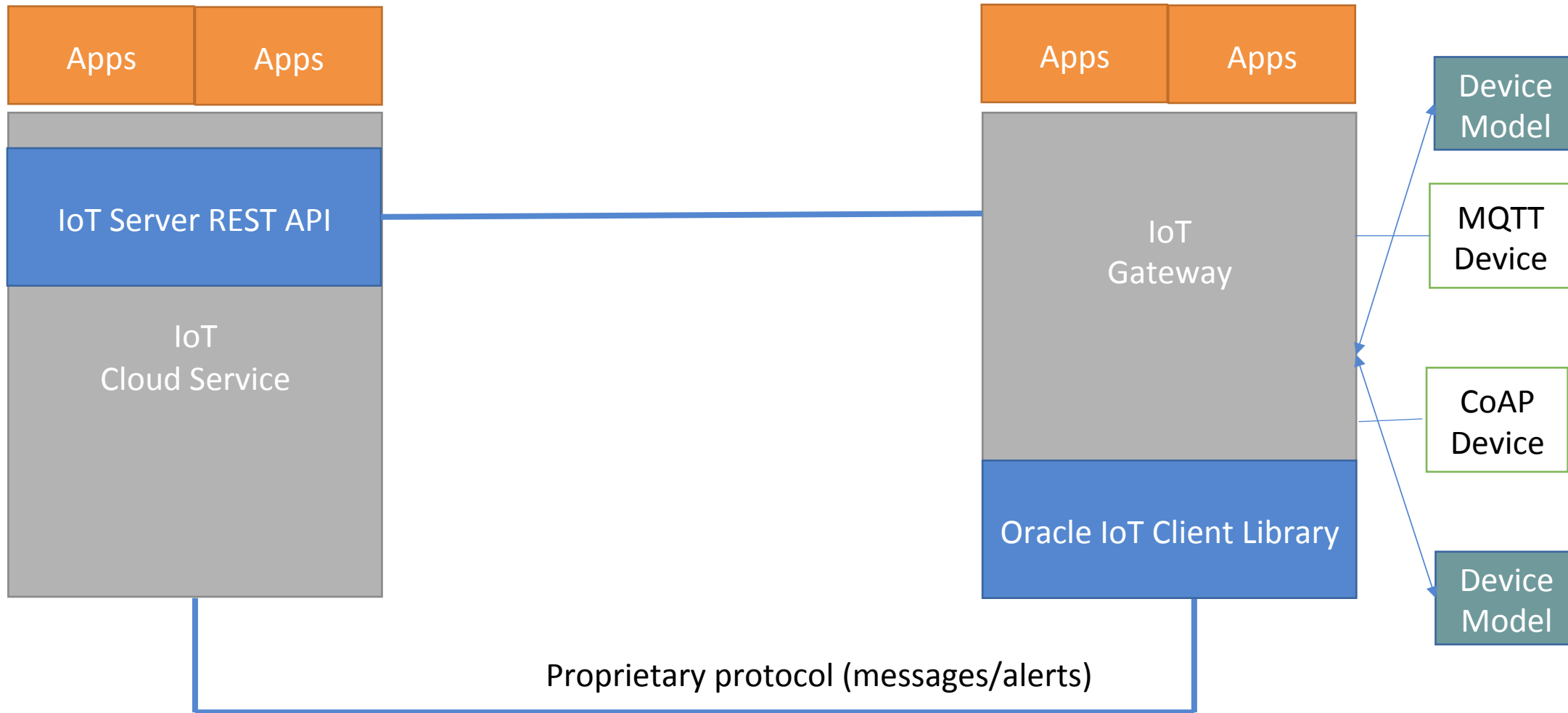
# Oracle IoT Cloud Service + node-wot Integration

Conceptual overview

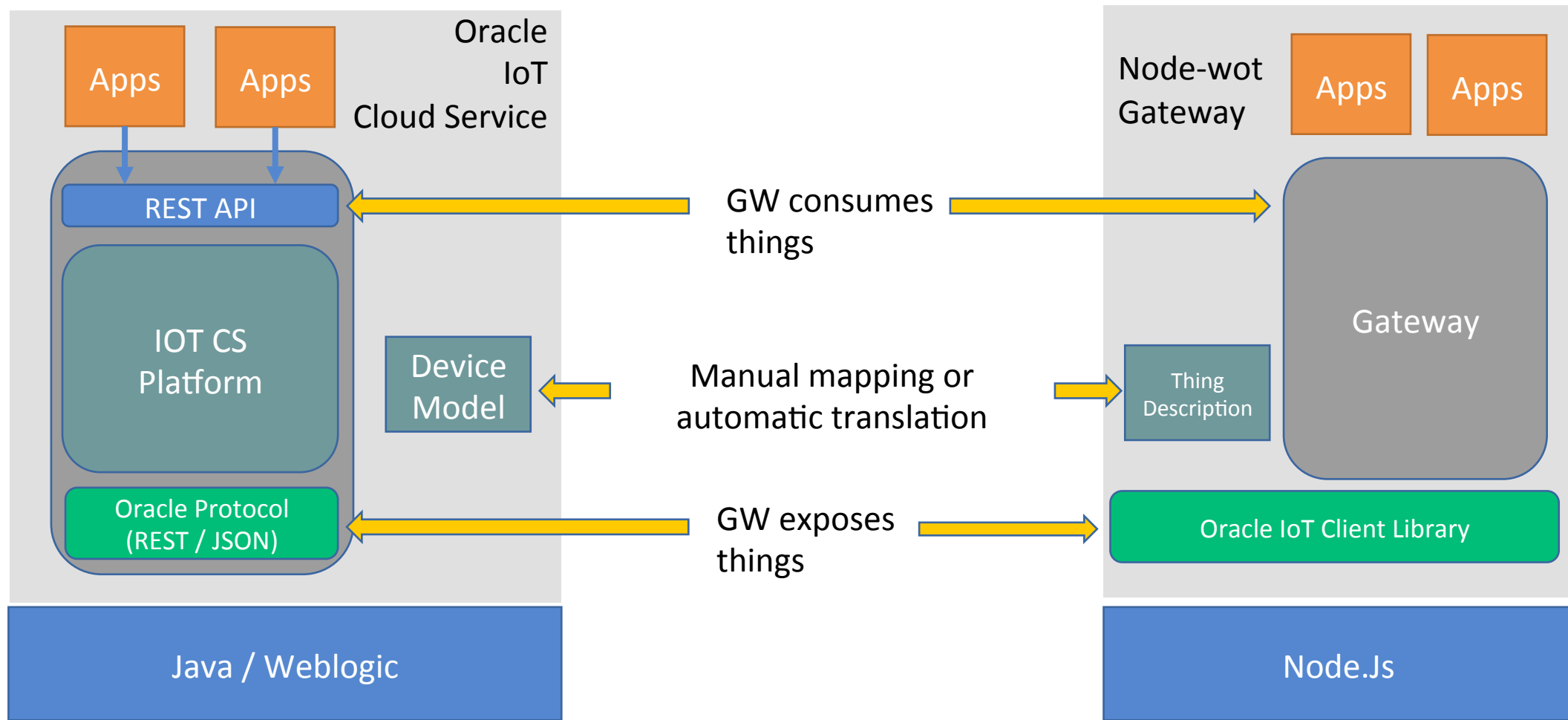
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[Michael.Lagally@oracle.com](mailto:Michael.Lagally@oracle.com)

# Typical IoT CS deployment scenario



# Node-wot + Oracle IoT Cloud Service Integration



# 3 Integration points

## **GW consumes devices exposed by IoT CS (from other vendors)**

- Requires the GW to use the REST API of the IoT cloud service

## **IoT CS consumes devices connected to node-wot gateway**

- Requires integration of the Oracle IoT Client library into the GW

## **Mapping of thing description to device model**

- This mapping could be done manually in the first step
- No implementation effort

# References

- Client Libraries can be downloaded from:

<http://www.oracle.com/technetwork/indexes/downloads/iot-client-libraries-2705514.html>

- Documentation:

<https://docs.oracle.com/en/cloud/paas/iot-cloud/develop/developing-device-software-using-client-software-libraries1.html>

- Tutorial on how to set up and use the JavaScript library, which includes a HelloWorld example:

<http://www.oracle.com/webfolder/technetwork/tutorials/obe/cloud/iot/loT%20Quick%20Start%20JavaScript/loTQuickStartJavaScript.html>

- Documentation for developing applications with Oracle Internet of Things Cloud Service:

<https://docs.oracle.com/en/cloud/paas/iot-cloud/iotgs/index.html>