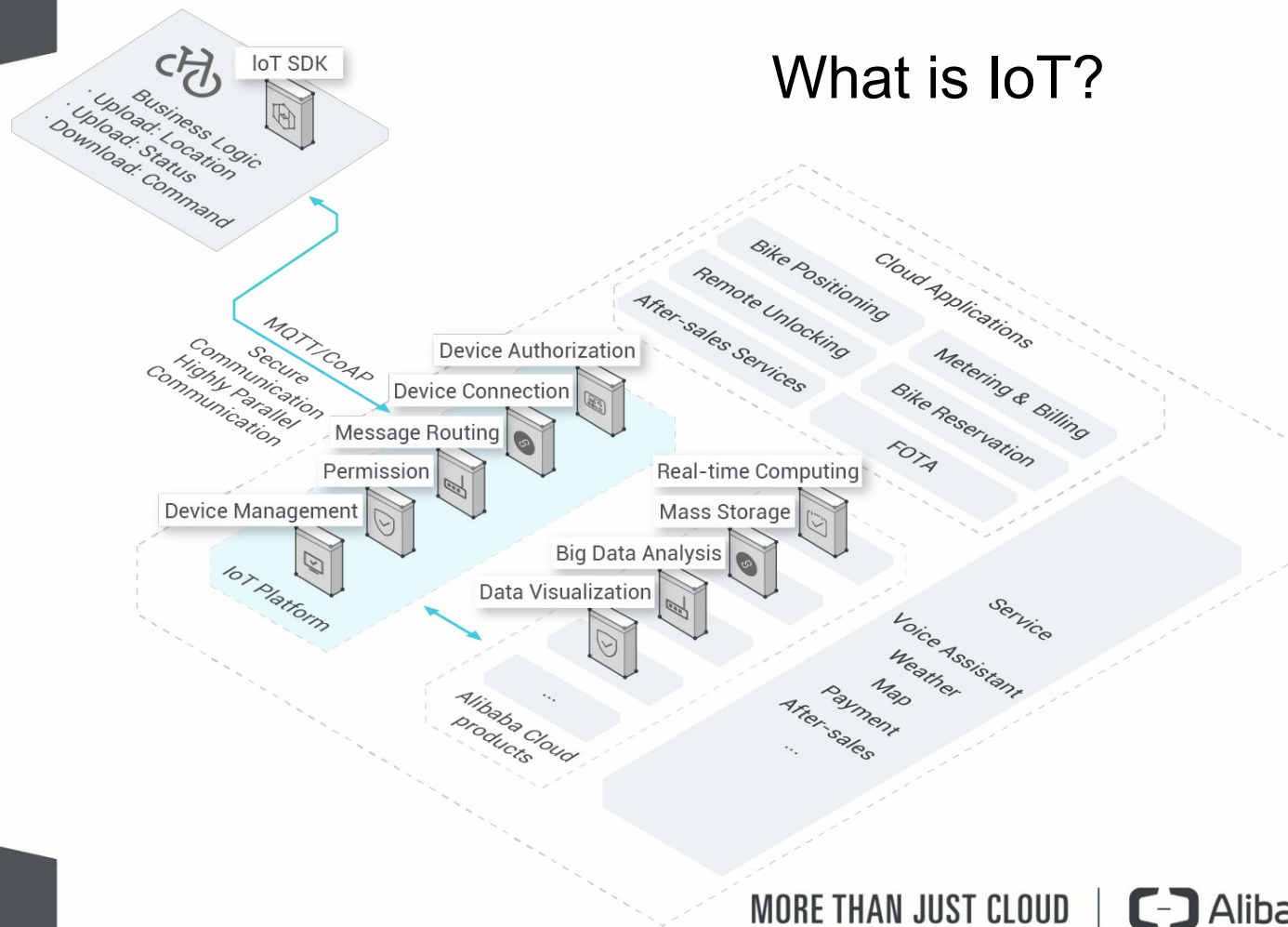


IoT with Alibaba Cloud

Presented by
Alberto Roura - Alibaba Cloud MVP

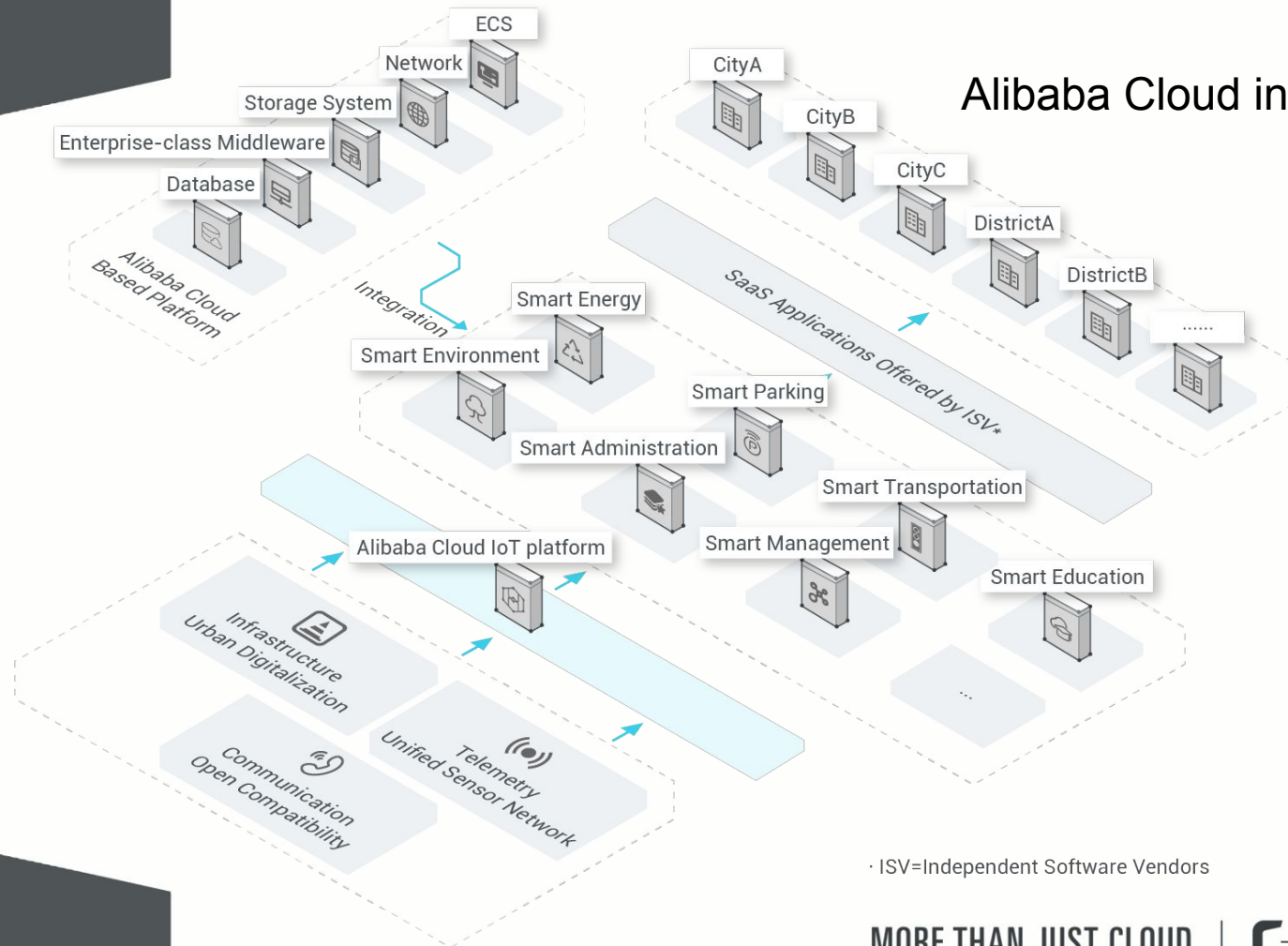
What is IoT?



MORE THAN JUST CLOUD



Alibaba Cloud in Hangzhou



· ISV=Independent Software Vendors

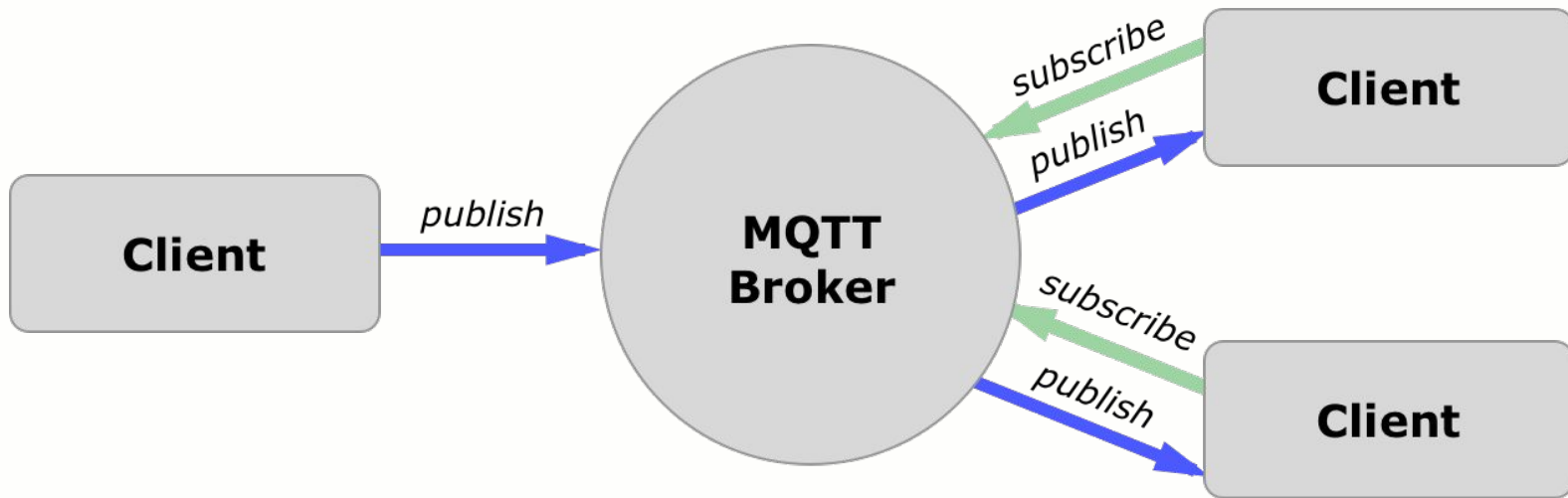
MQ Telemetry Transport

MQTT is a machine-to-machine **Internet of Things** connectivity protocol.

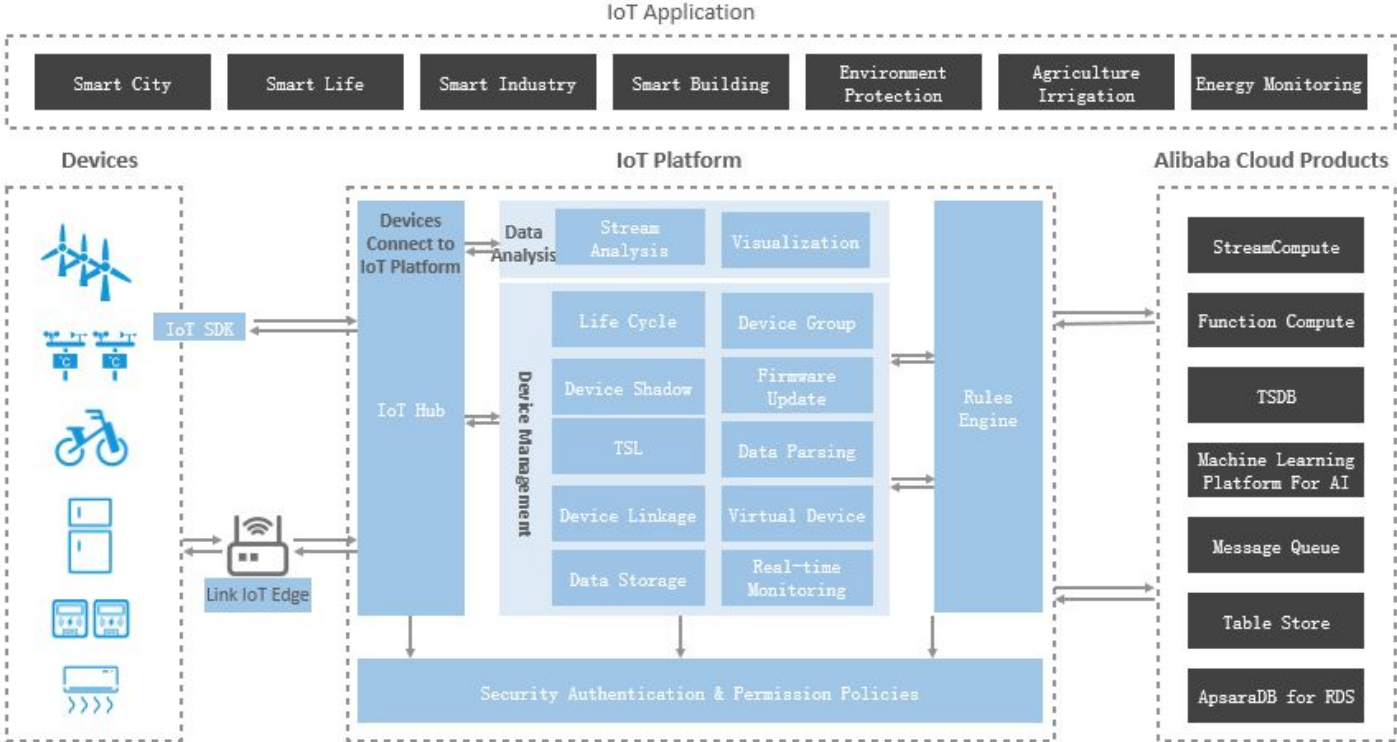
It was designed as an extremely **lightweight** **publish/subscribe** messaging transport.

It is useful for connections with remote locations where a **small code footprint is required** and/or network bandwidth is at a premium.

How MQTT works



IoT Architecture



Hands-on example

```
1 const mqtt = require('aliyun-iot-mqtt');
2
3 const productKey = 'a2KimmueZiT';
4 const deviceName = 'mood';
5 const deviceSecret = 'oFAwSCF097ohwgt2256lwLVN88G0b8XN';
6
7 exports.handler = function (event, context, callback) {
8   const parsedEvent = JSON.parse(event);
9   const {level} = parsedEvent;
10  const client = mqtt.getAliyunIotMqttClient({productKey, deviceName, deviceSecret, regionId: context.region});
11
12  const response = function () {
13    callback(null, "OK");
14  };
15
16  client.publish(`/${productKey}/mood/current`, JSON.stringify({level}), {}, response);
17 };
18
```

Thank You

IoT with Alibaba Cloud | By Alberto Roura - Alibaba Cloud MVP