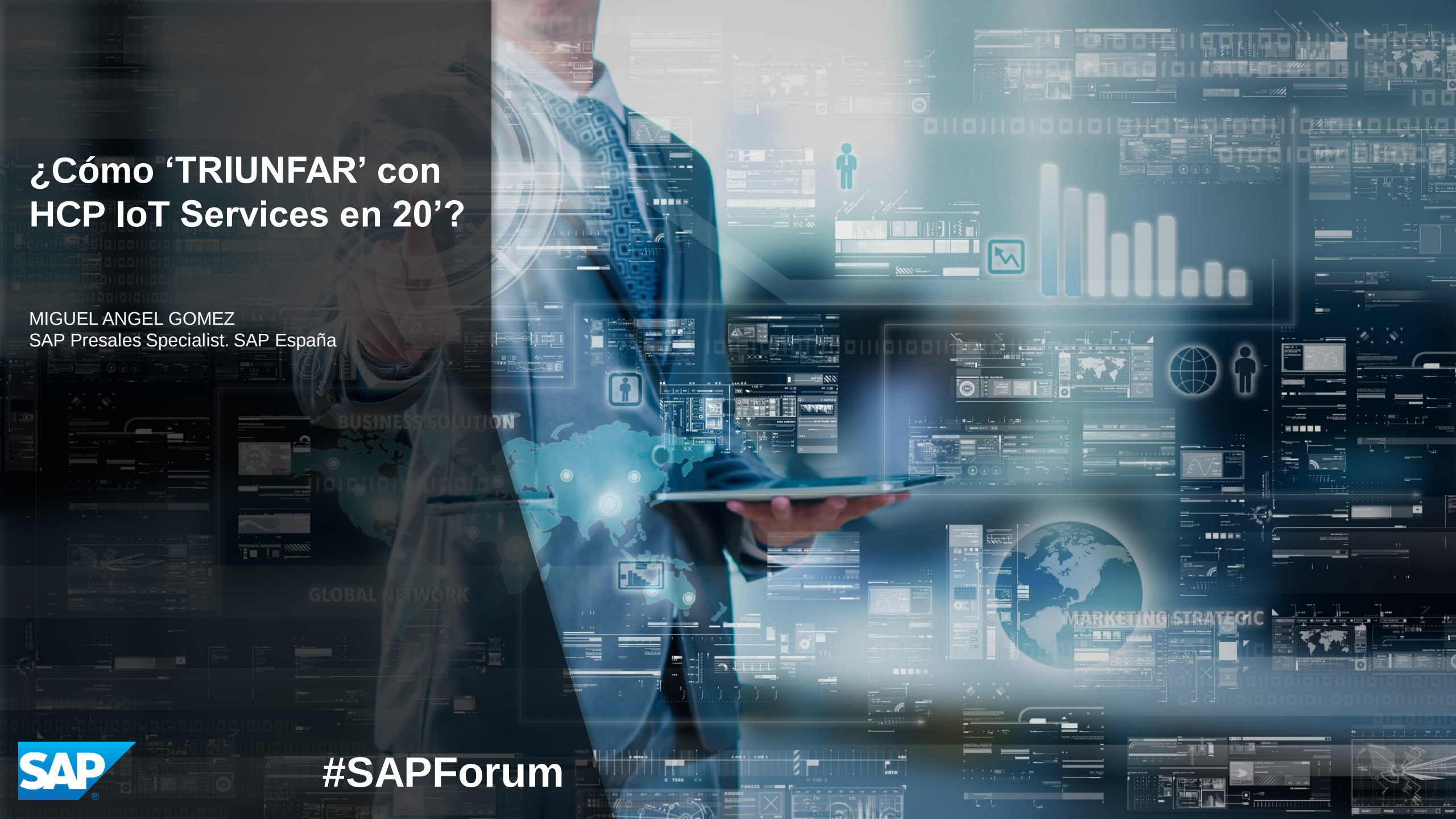


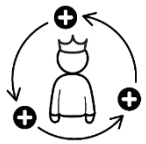
¿Cómo ‘TRIUNFAR’ con HCP IoT Services en 20’?

MIGUEL ANGEL GOMEZ
SAP Presales Specialist. SAP España

#SAPForum

¿Cómo ‘TRIUNFAR’ con HCP IoT Services en 20’?

Starter Kit for the SAP HANA Cloud Platform Internet of Things (IoT) Services



HCP IoT Services Overview

Getting Started in HCP

Sending messages from the device (simulation)

Pushing messages to the device (simulation)

Integrated examples for IoT Devices

What comes next

https://github.com/SAP/iot-starterkit

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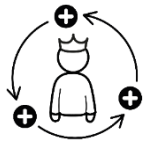
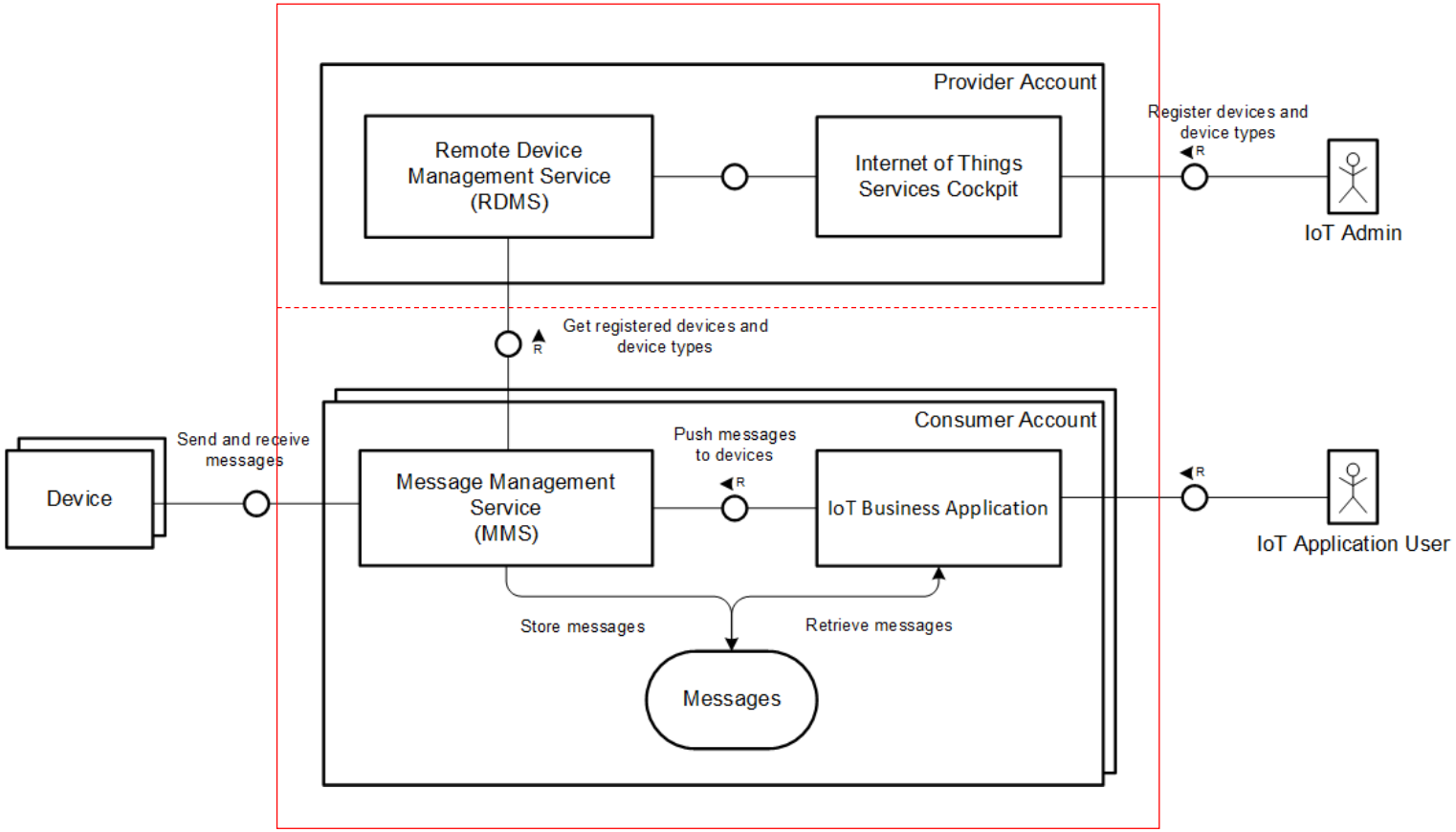


HCP IoT Services Overview



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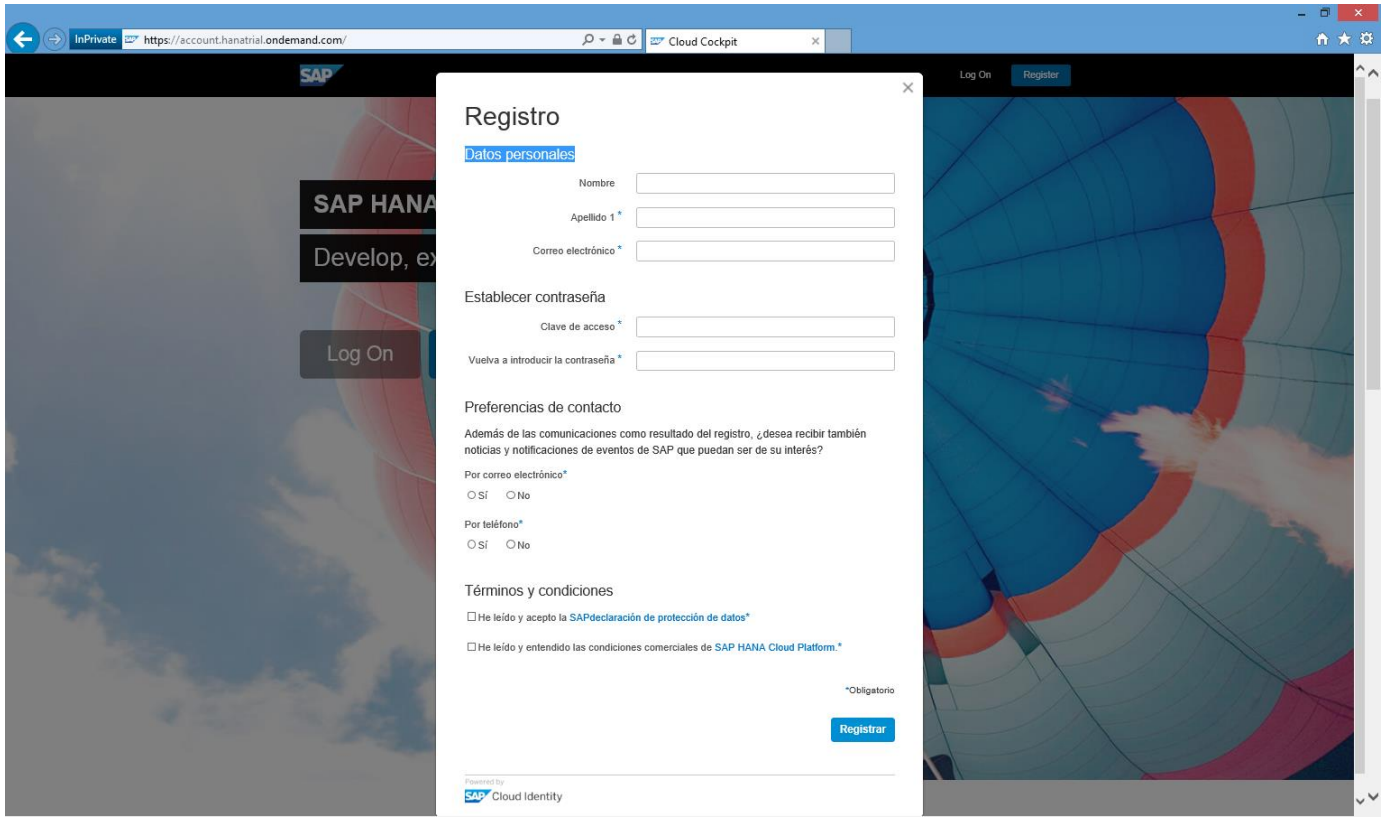
¿Cómo ‘TRIUNFAR’ con HCP IoT Services en 20’?

Getting Started in HCP

1. Get HANA Cloud Platform Developer Account -> https://account.hanatrial.ondemand.com



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Getting Started in HCP

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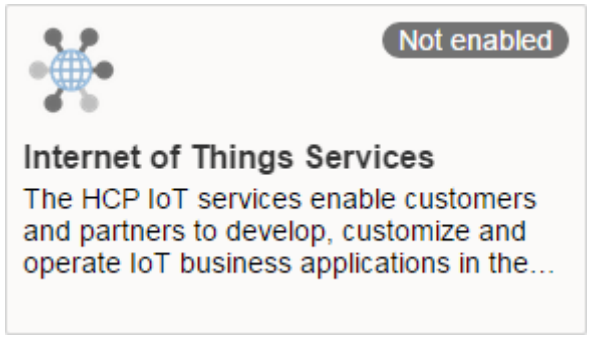
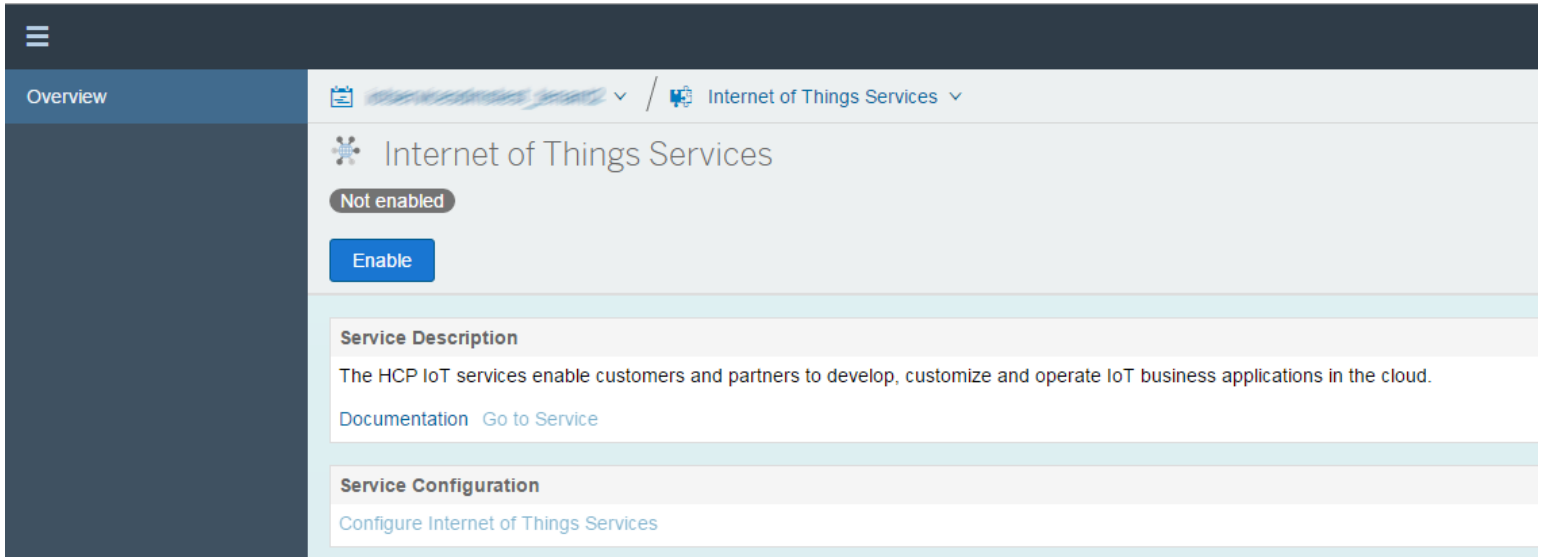
2. Enable Internet of Things Services





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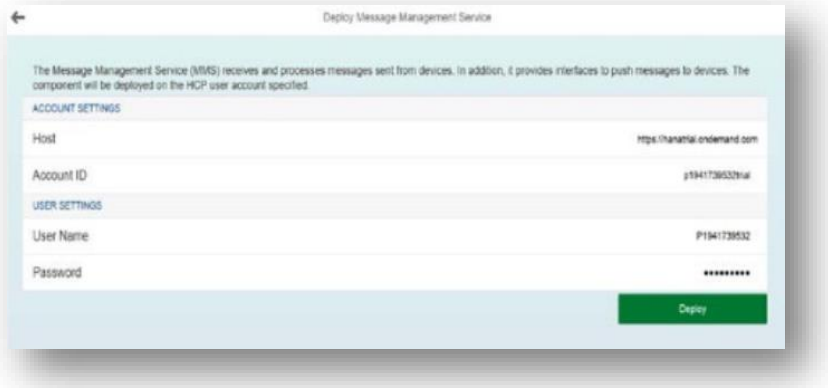
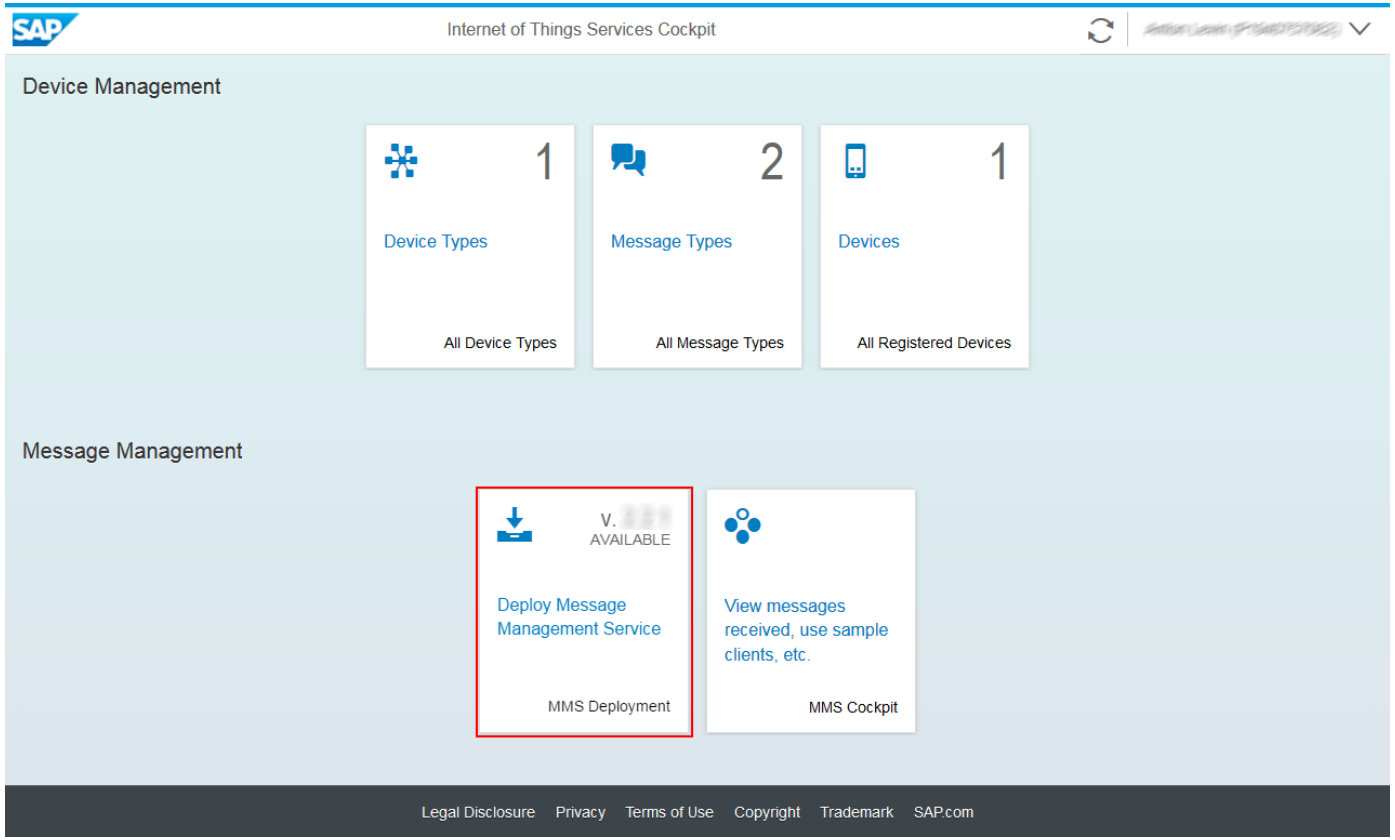
Getting Started in HCP

1. Get HANA Cloud Platform Developer Account -> https://account.hanatrial.ondemand.com
2. Enable Internet of Things Services
3. Deploy the Message Management Service (MMS)





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¿Cómo ‘TRIUNFAR’ con HCP IoT Services en 20’?

Getting Started in HCP

1. Get HANA Cloud Platform Developer Account -> https://account.hanatrial.ondemand.com
2. Enable Internet of Things Services
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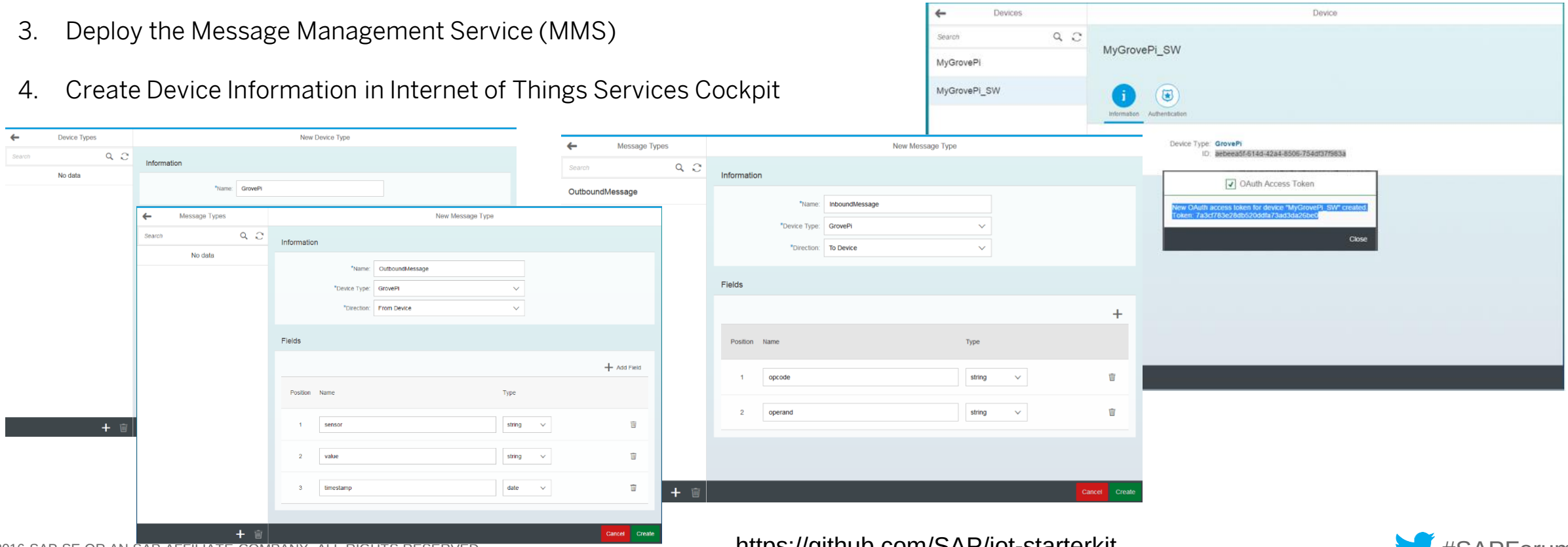
4. Create Device Information in Internet of Things Services Cockpit



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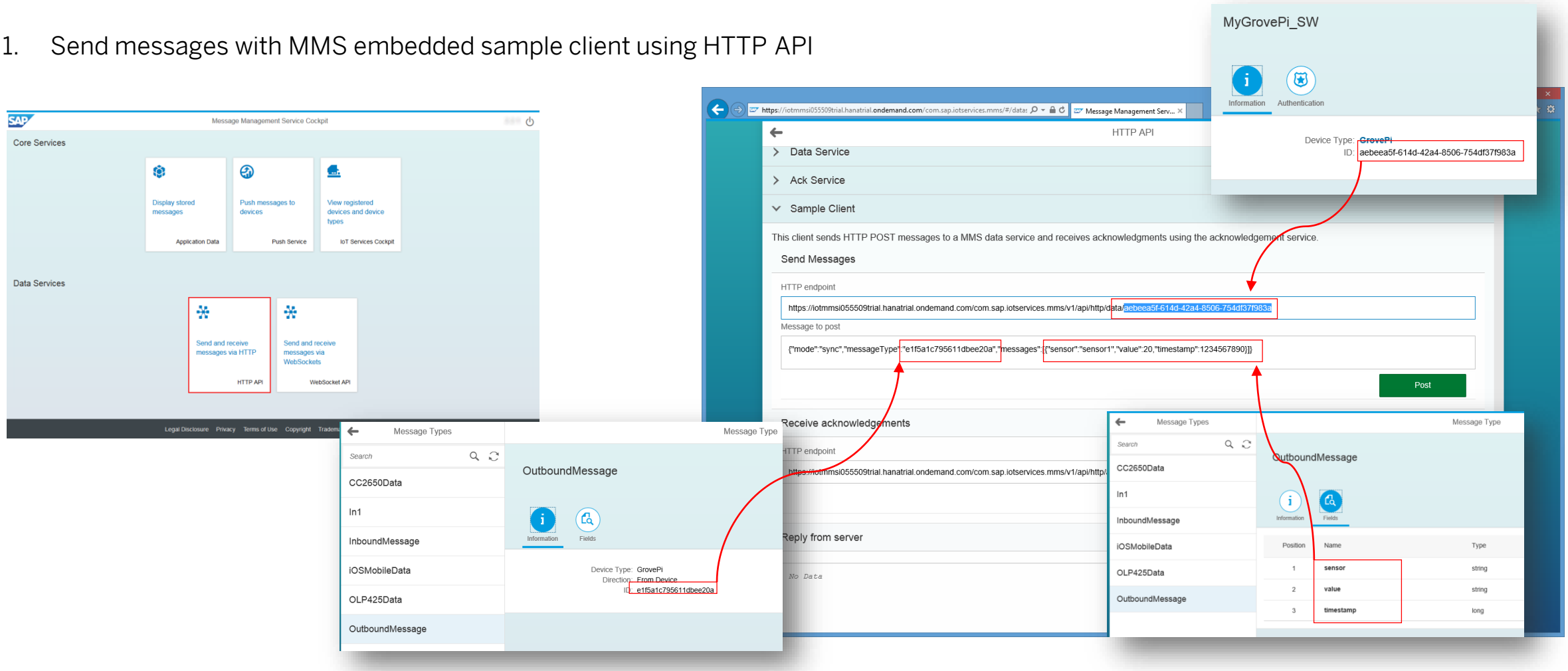
¿Cómo ‘TRIUNFAR’ con HCP IoT Services en 20’?

Sending messages from the device (simulation)

1. Send messages with MMS embedded sample client using HTTP API



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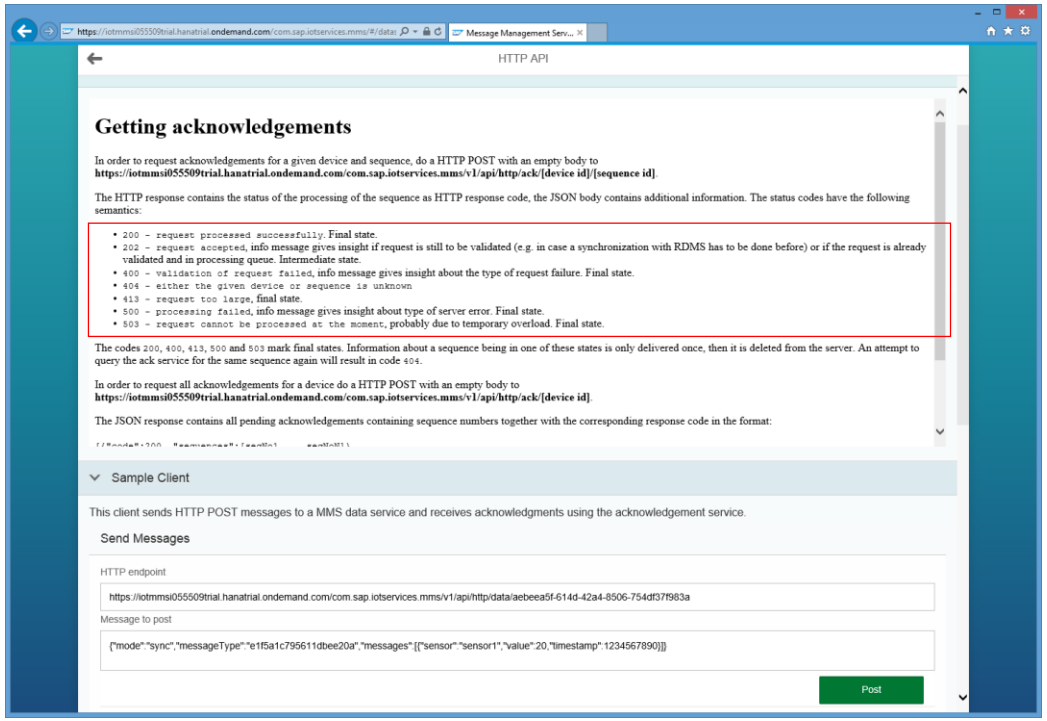
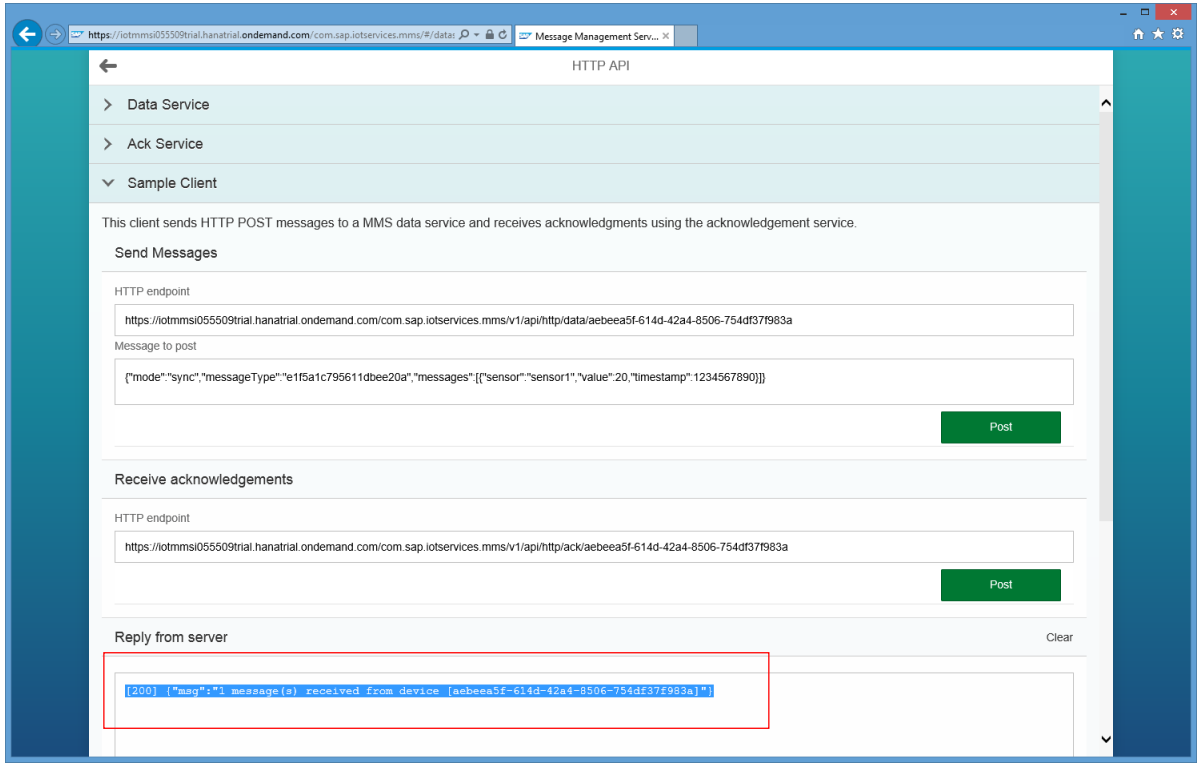
¿Cómo ‘TRIUNFAR’ con HCP IoT Services en 20’?

Sending messages from the device (simulation)

1. Send messages with MMS embedded sample client using HTTP API (result)





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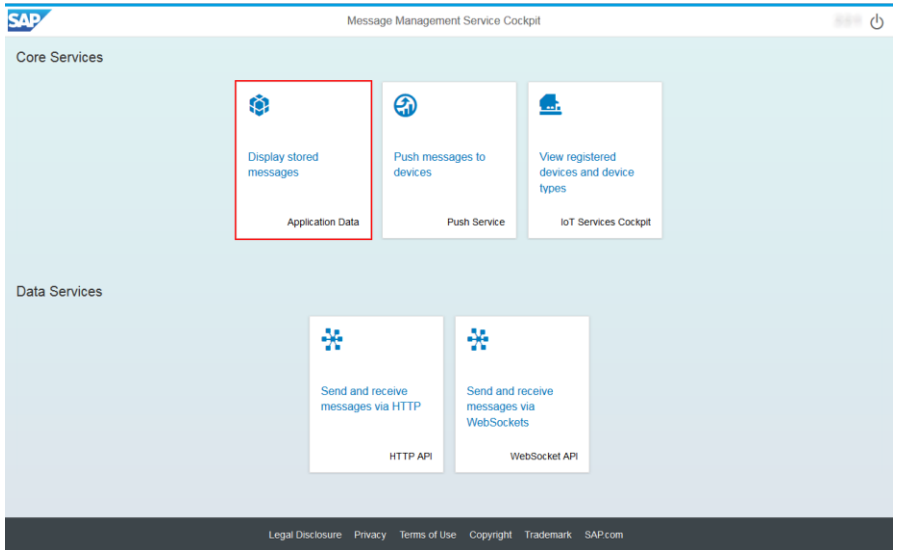
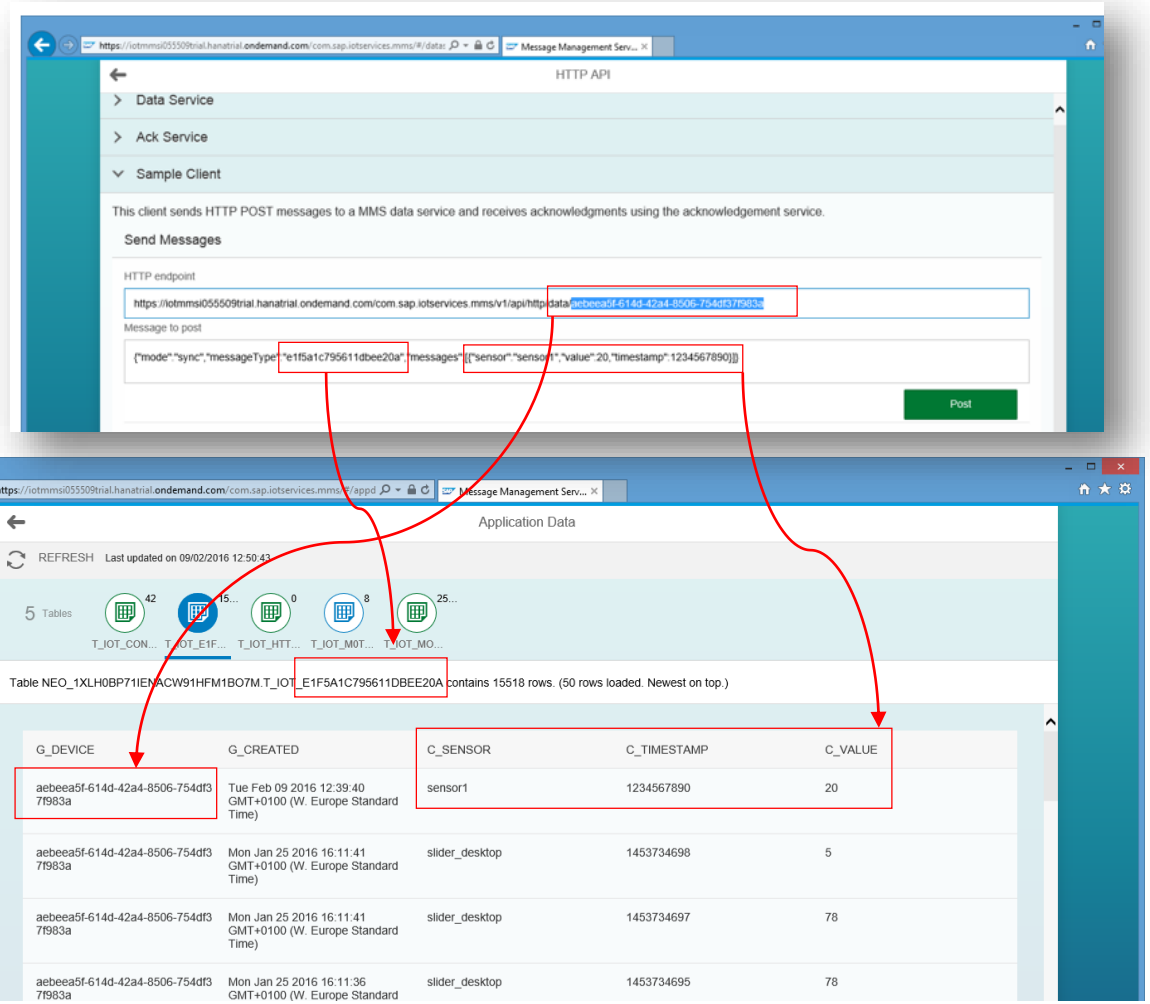
¿Cómo ‘TRIUNFAR’ con HCP IoT Services en 20’?

Sending messages from the device (simulation)

2. Consume the messages from the device with MMS embedded client





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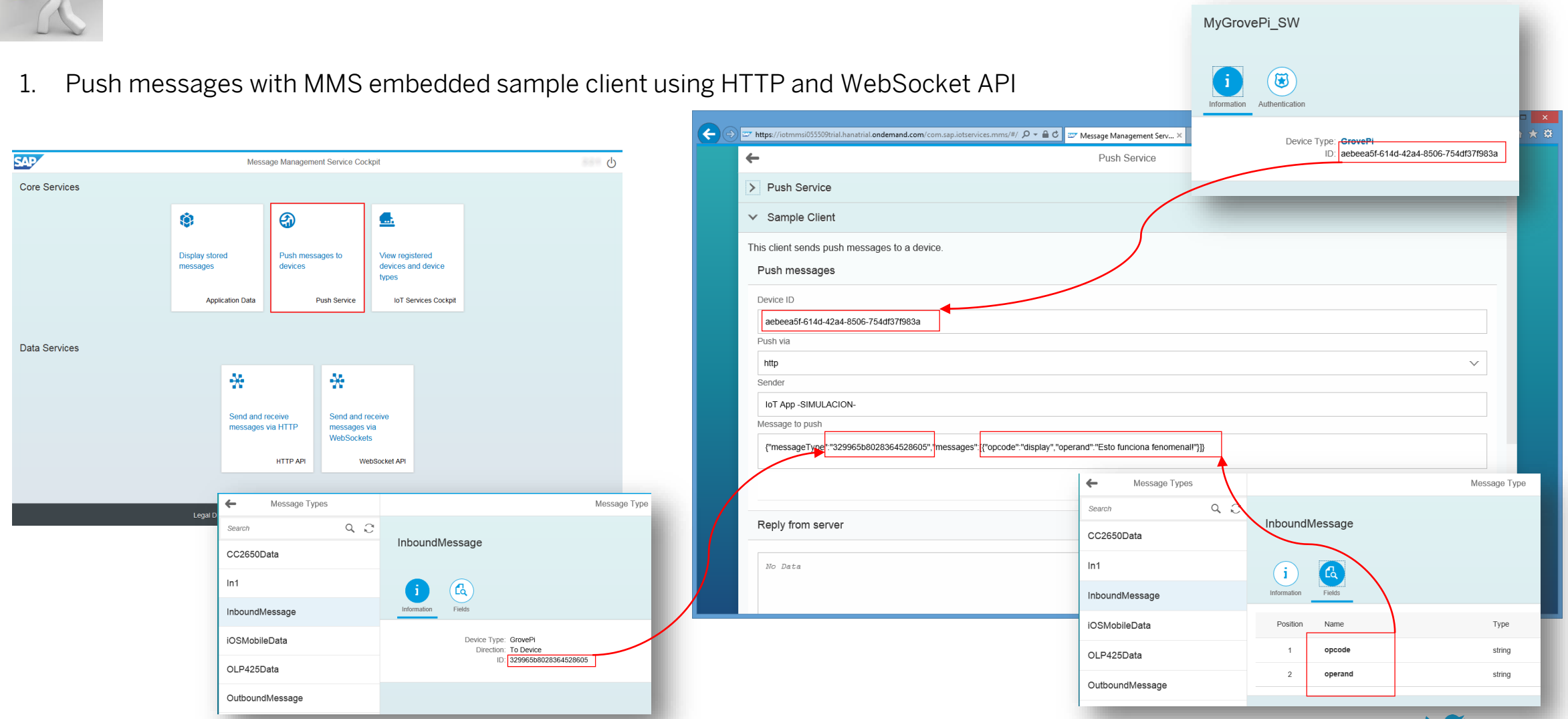
¿Cómo 'TRIUNFAR' con HCP IoT Services en 20'?

Pushing messages to the device (simulation)

1. Push messages with MMS embedded sample client using HTTP and WebSocket API



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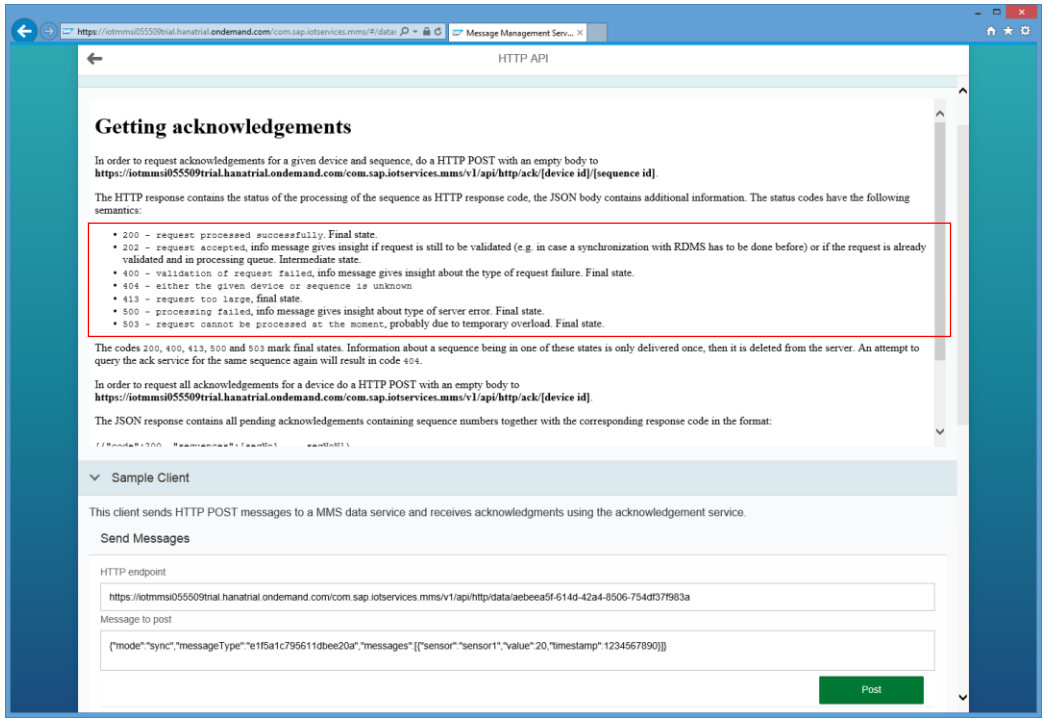
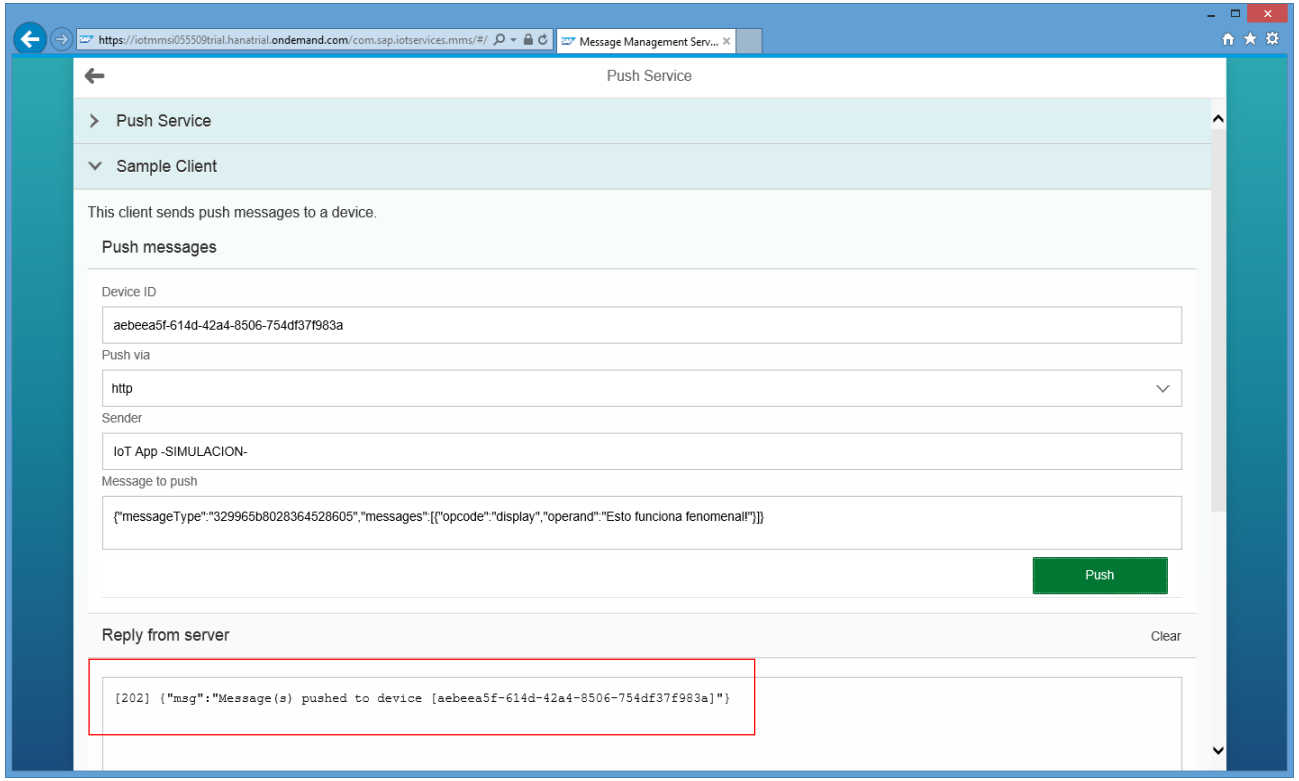
Pushing messages to the device (simulation)

1. Push messages with MMS embedded sample client using HTTP and WebSocket API (result)





https://github.com/SAP/iot-starterkit

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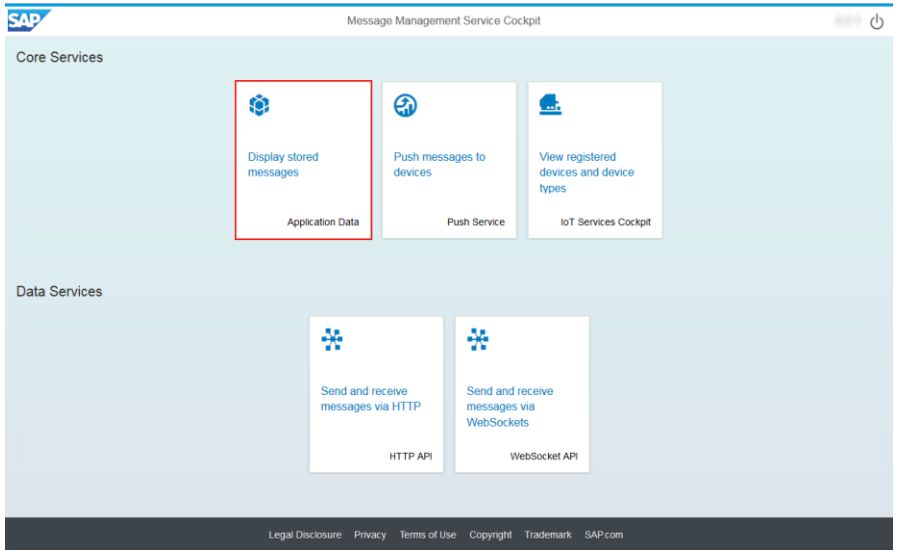
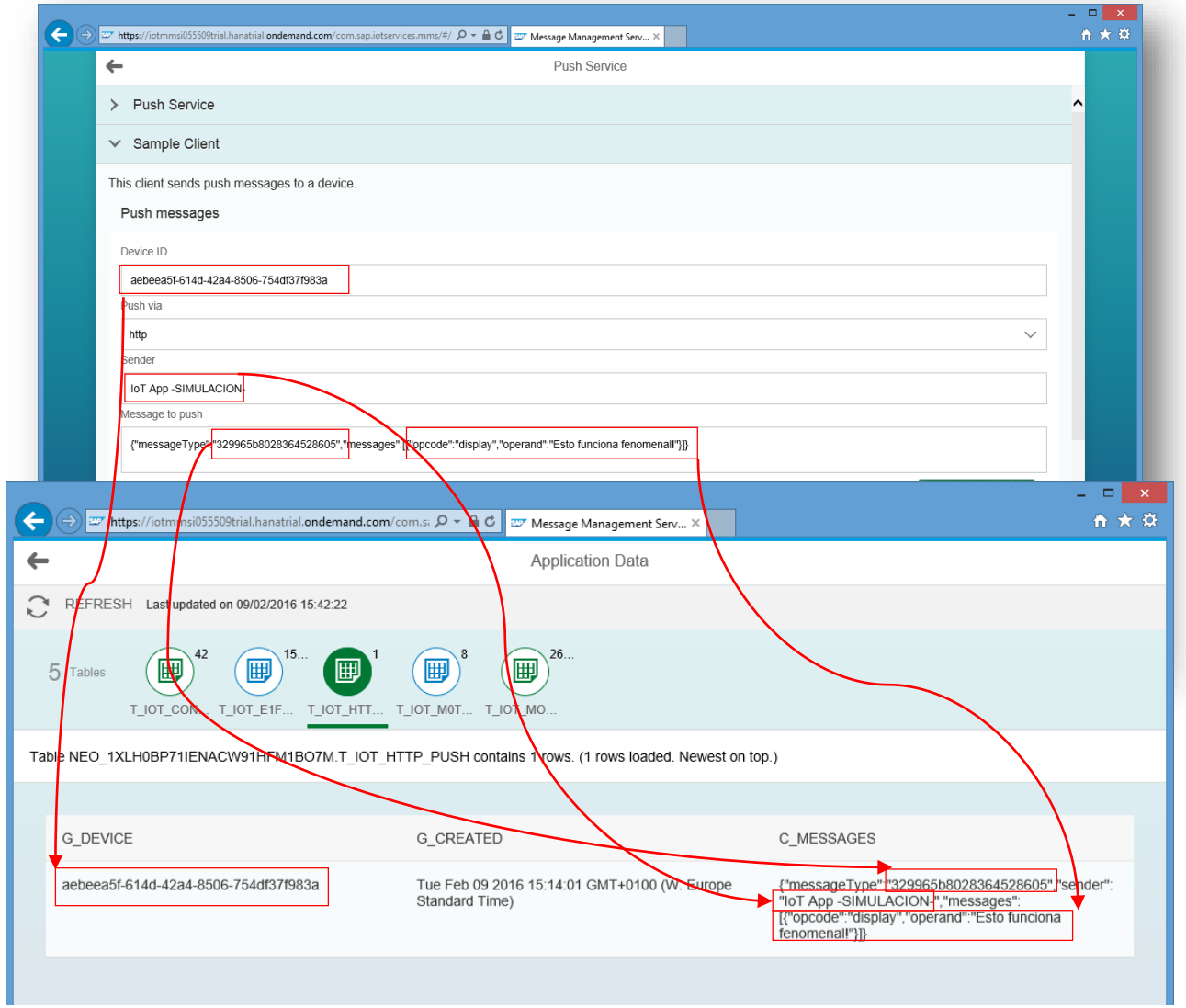
¿Cómo ‘TRIUNFAR’ con HCP IoT Services en 20’?

Pushing messages to the device (simulation)

2. Receive the messages sent to the device with MMS embedded client





https://github.com/SAP/iot-starterkit

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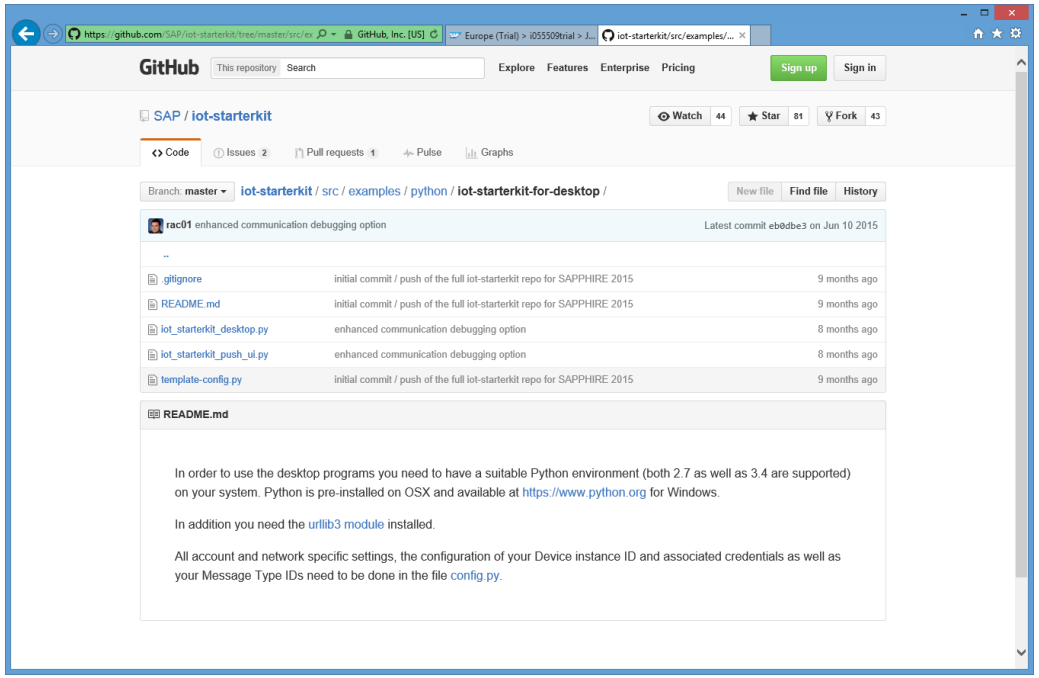
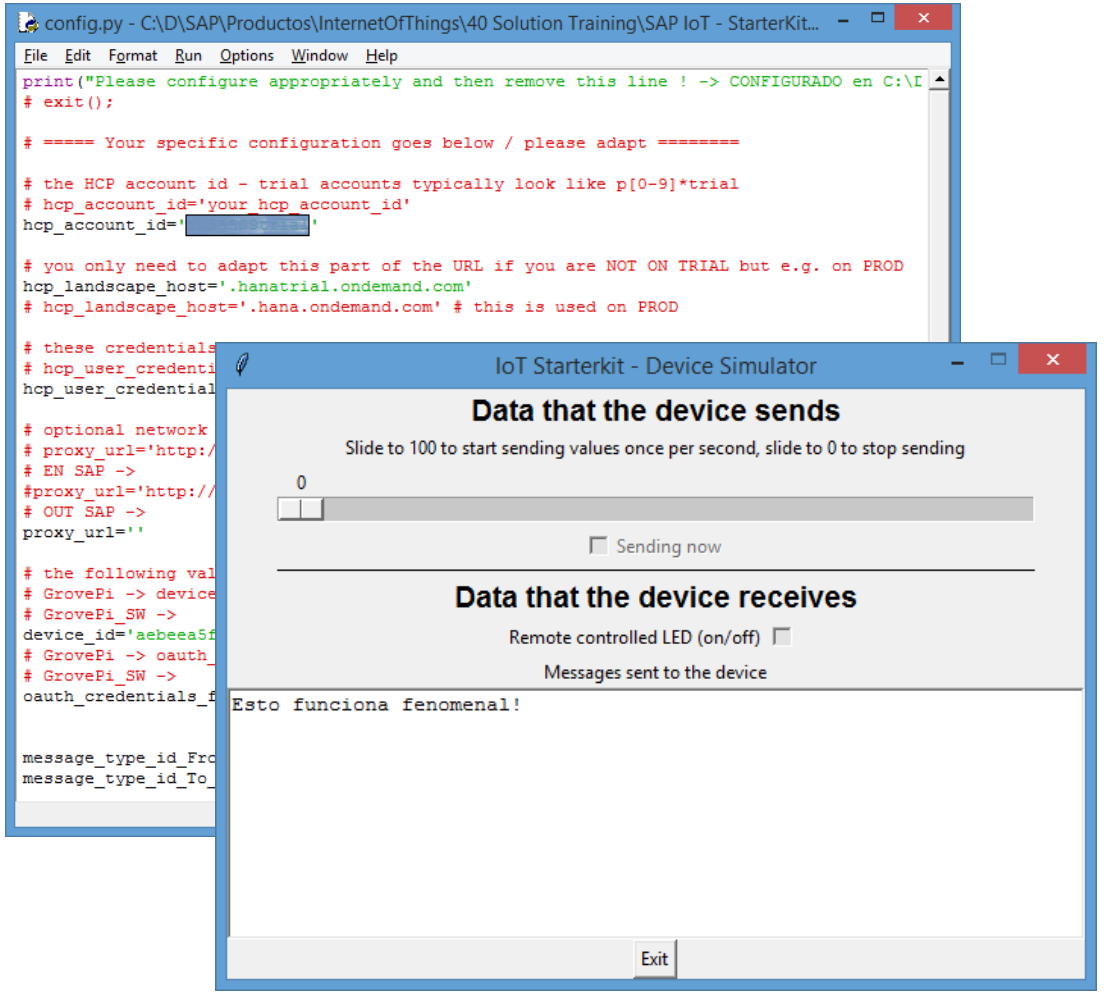
¿Cómo 'TRIUNFAR' con HCP IoT Services en 20'?

Integrated examples for IoT Devices

1. Working with device simulators (python)



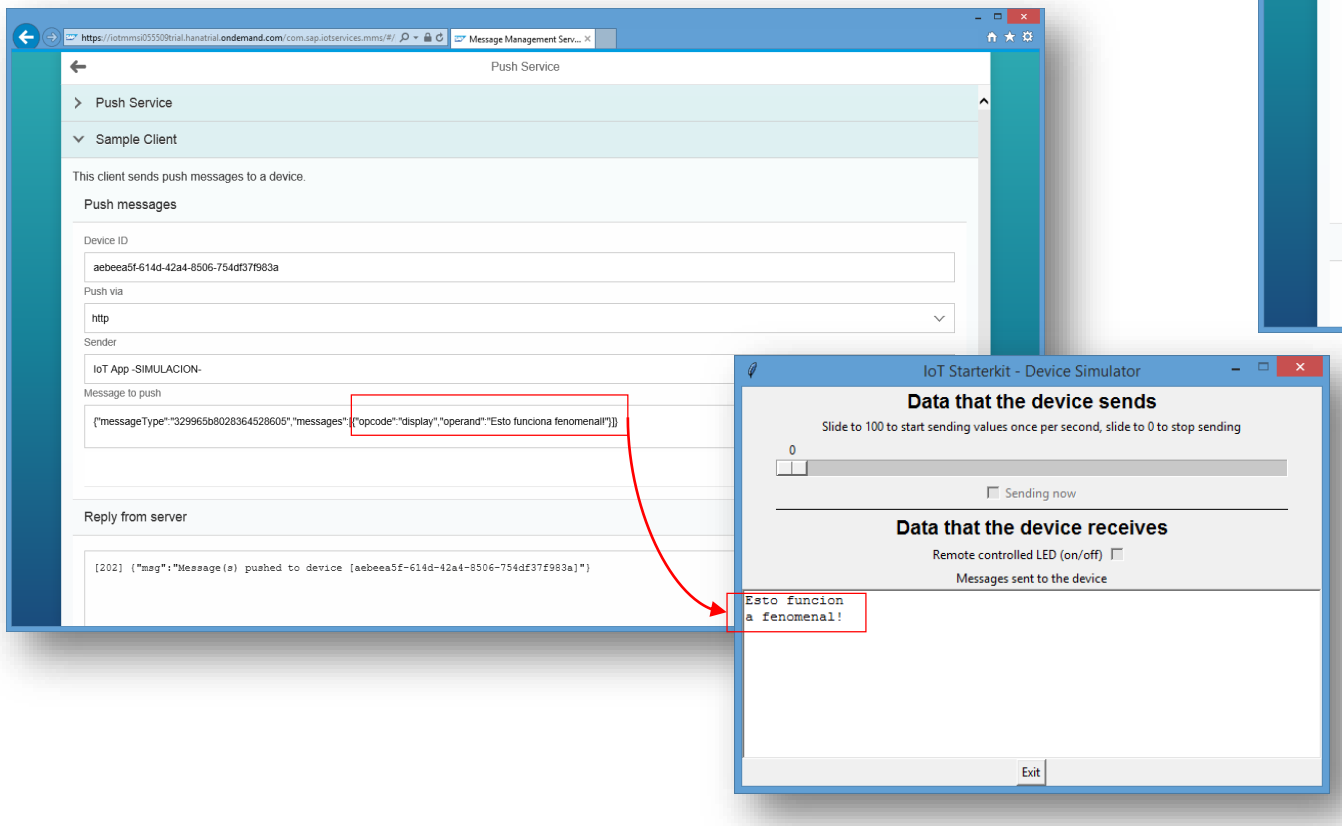


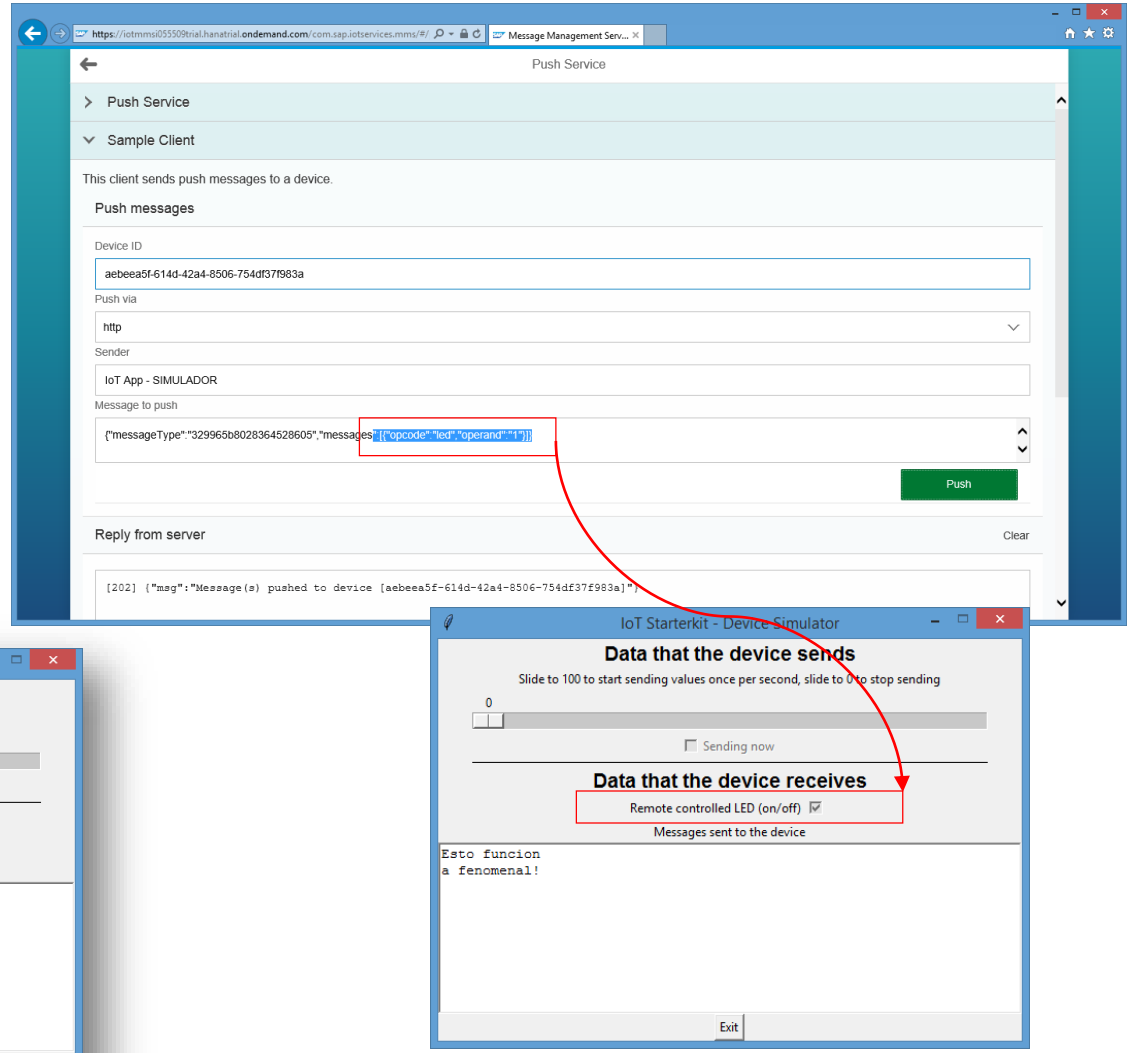
https://github.com/SAP/iot-starterkit/tree/master/src/examples/python/iot-starterkit-for-desktop

¿Cómo ‘TRIUNFAR’ con HCP IoT Services en 20’?

Integrated examples for IoT Devices

2. Receive the messages sent to the device with device simulator (python)





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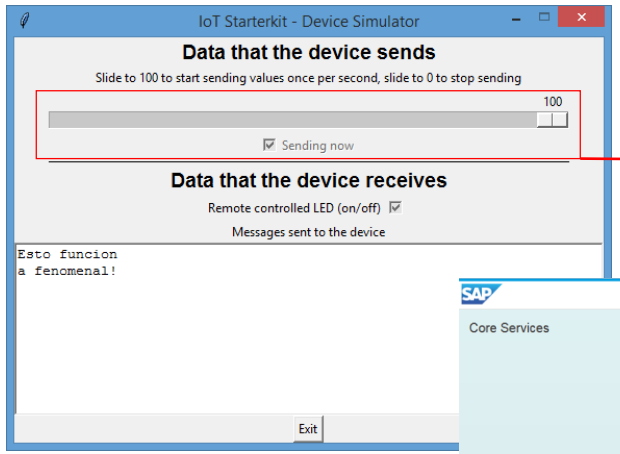
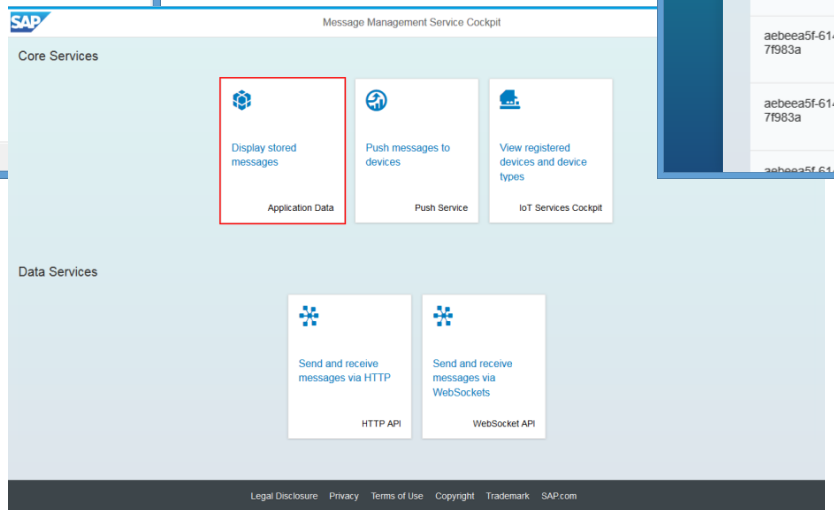
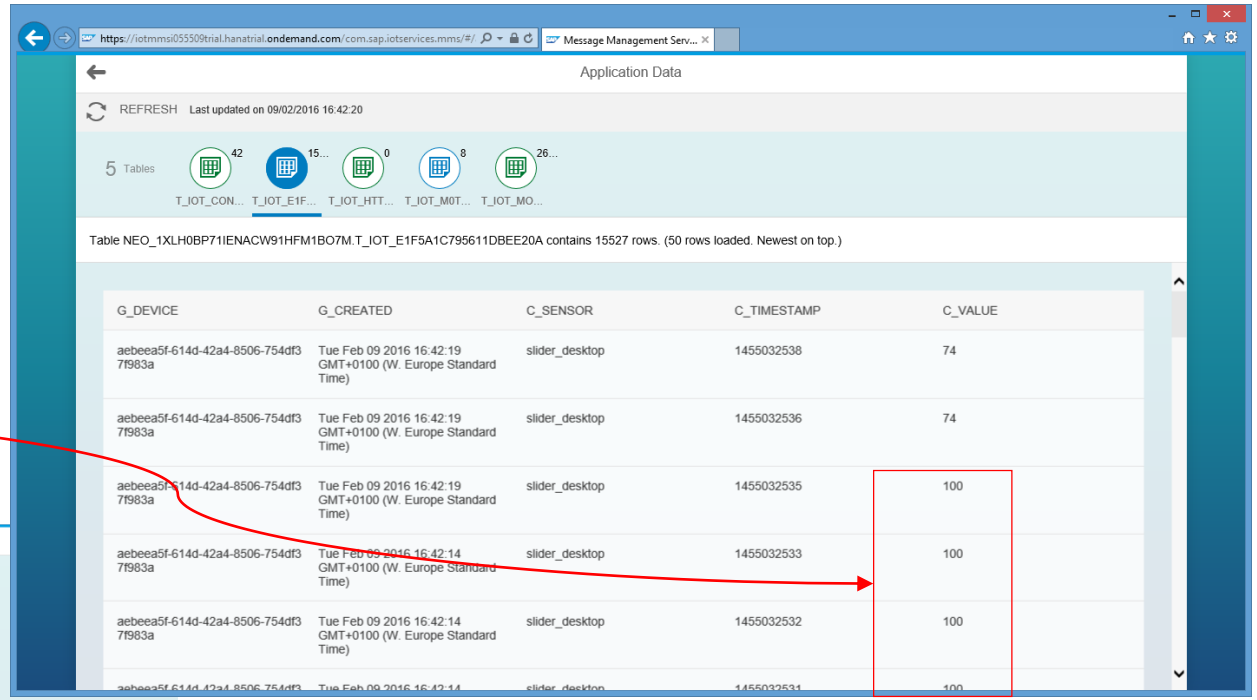
¿Cómo ‘TRIUNFAR’ con HCP IoT Services en 20’?

Integrated examples for IoT Devices

3. Consume the messages from the device simulator (python) with MMS embedded client





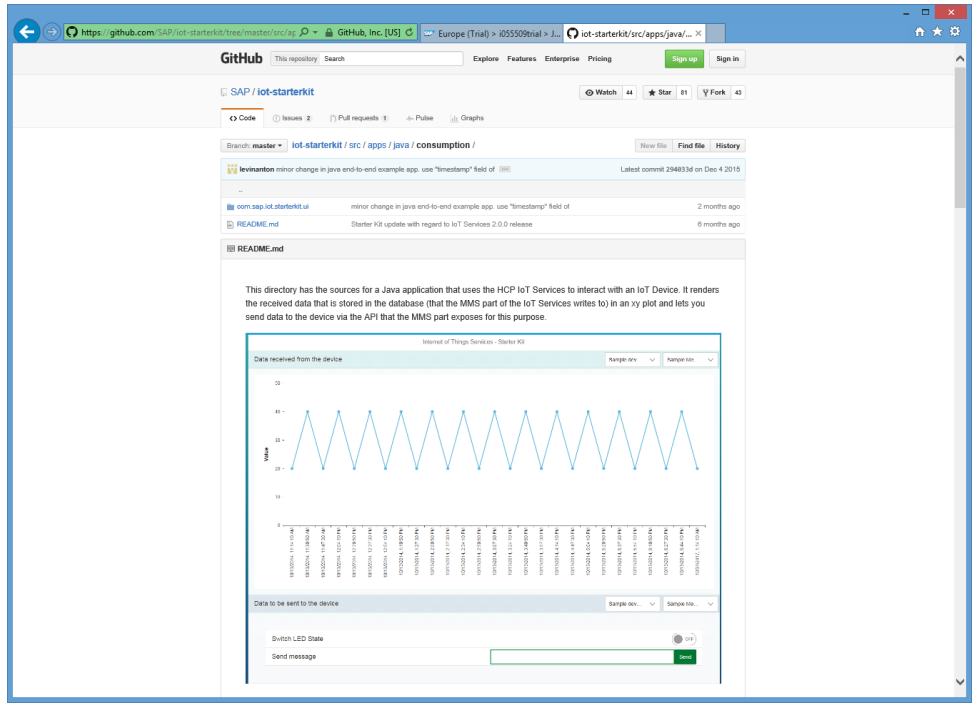


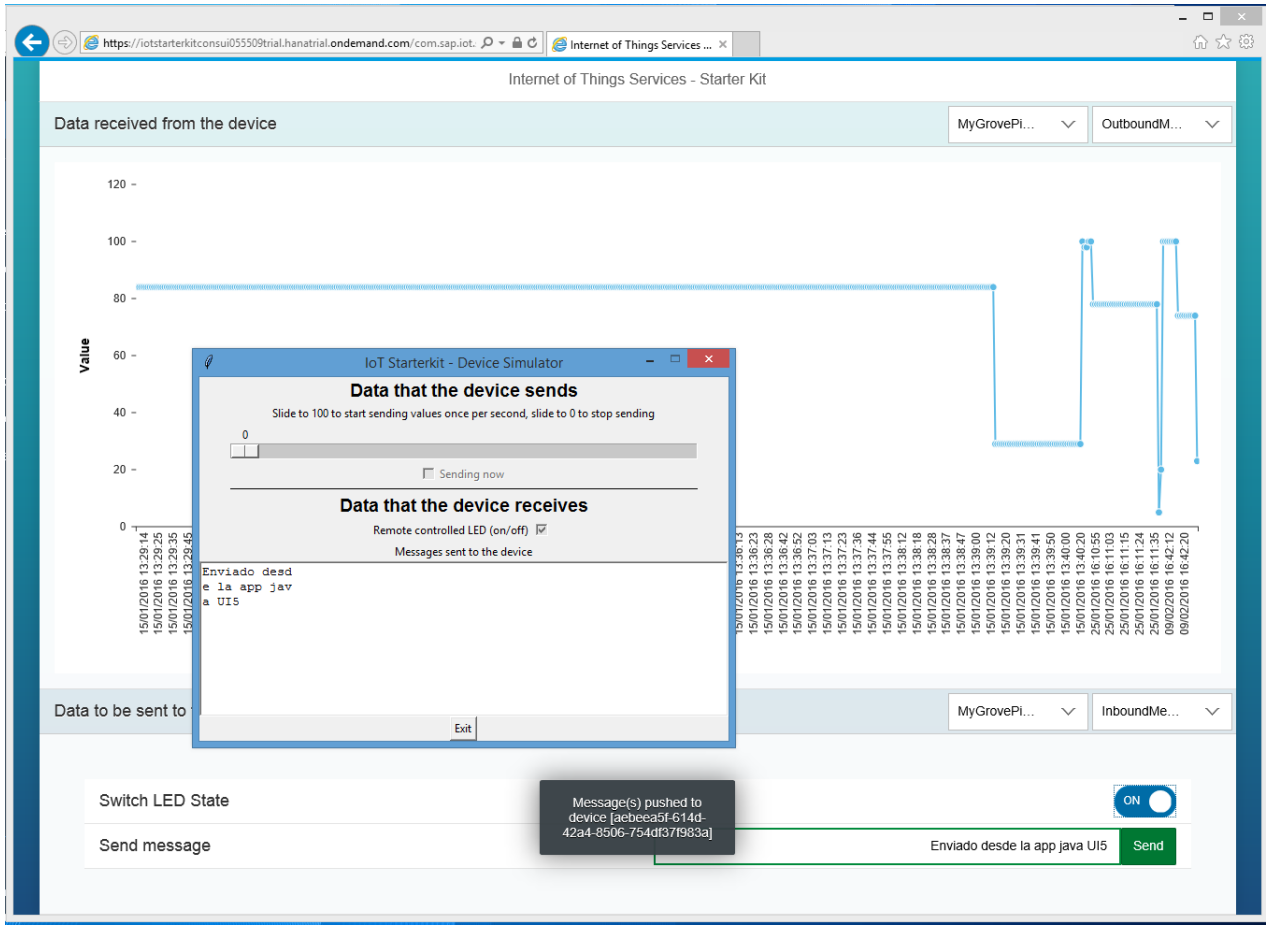
https://github.com/SAP/iot-starterkit

¿Cómo ‘TRIUNFAR’ con HCP IoT Services en 20’?

Integrated examples for IoT Devices

4. Interact with Web Application based on Java and UI5 using HCP Persistence Service



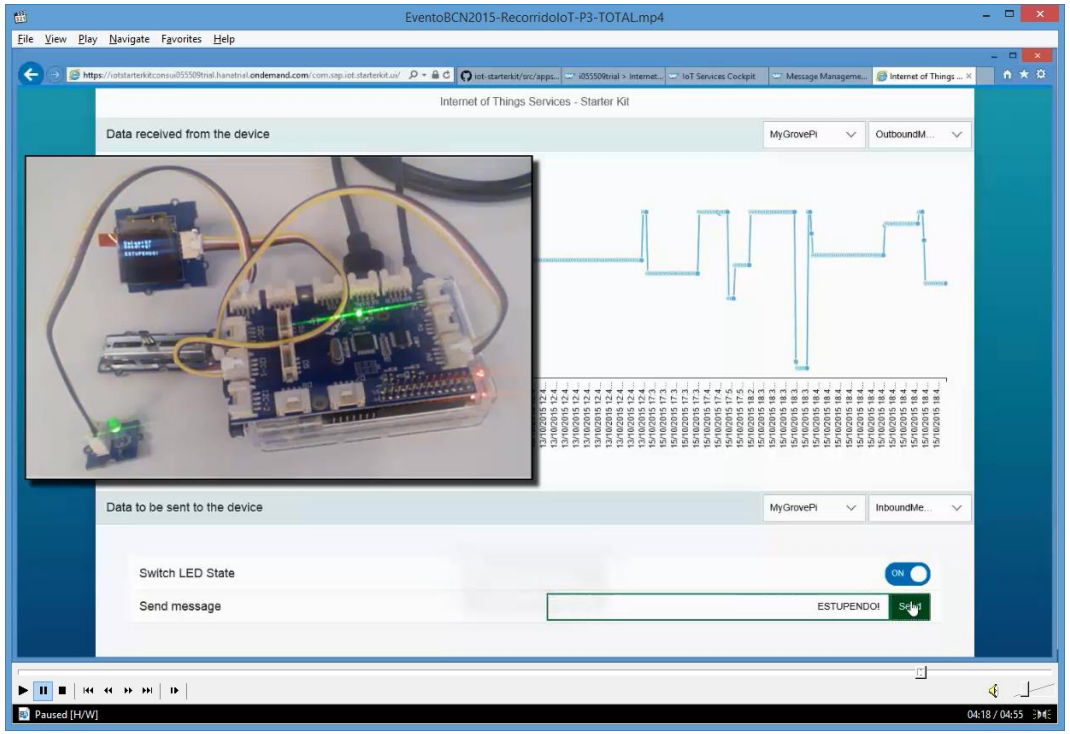


https://github.com/SAP/iot-starterkit/tree/master/src/apps/java/consumption

¿Cómo ‘TRIUNFAR’ con HCP IoT Services en 20’?

Integrated examples for IoT Devices

5. Working with real IoT hardware



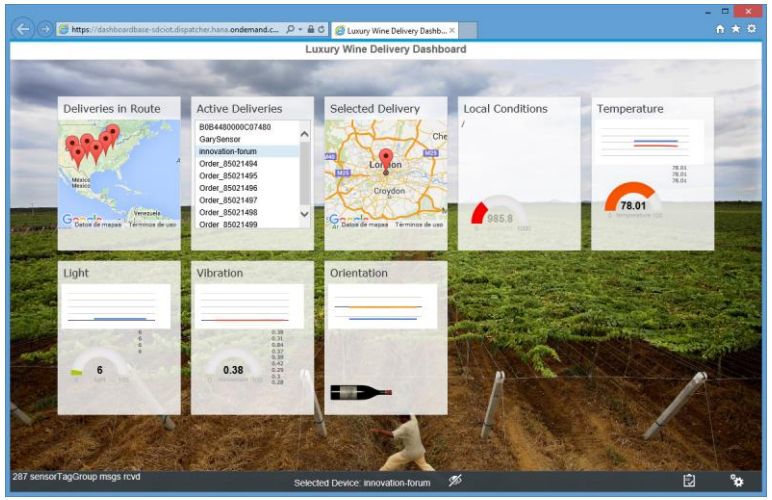
Estamos en el área SAP – Booth 1 – escenarios HCP

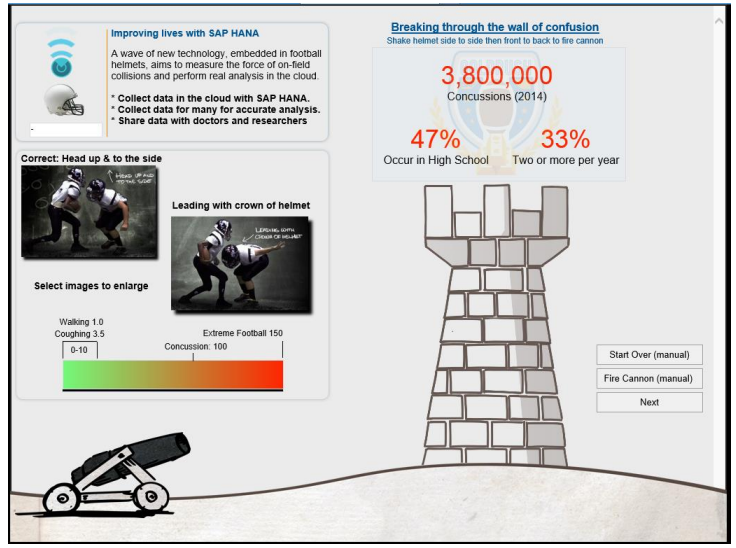
https://github.com/SAP/iot-starterkit/blob/master/src/hardware/raspberry-pi/README.md

¿Cómo ‘TRIUNFAR’ con HCP IoT Services en 20’?

What comes next?

1. Try out the SAP HANA Cloud Platform Internet of Things (IoT) services (http://scn.sap.com/docs/DOC-63811)
2. Using the SAP HCP IoT Services (http://scn.sap.com/community/developer-center/cloud-platform/blog/2015/06/09/using-the-sap-hcp-iot-services)
3. RaspberryPi on SAP HANA Cloud Platform (http://scn.sap.com/docs/DOC-56616)
4. From zero to Smart Building IoT – SAP InnoJam story (http://scn.sap.com/community/developer-center/cloud-platform/blog/2015/08/03/from-zero-to-smart-building-iot-sap-innojam-story)





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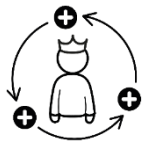

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GRACIAS

Miguel Angel Gómez
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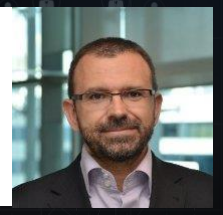
http://es.linkedin.com/in/miguelangelgomezmoreno



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