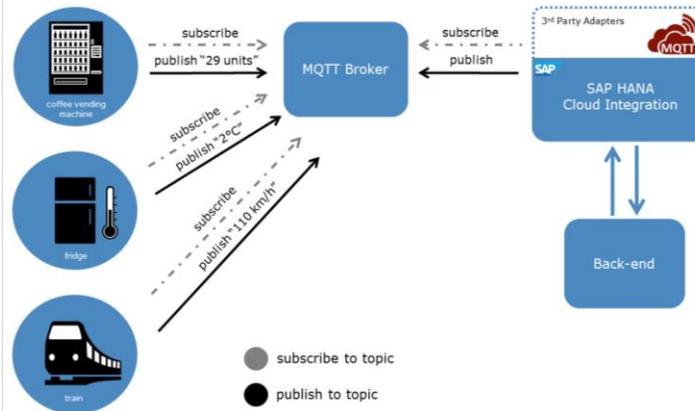## MQTT Adapter for SAP HCI

It is an undeniable reality that the 'Internet of things' (IoT) is picking up momentum, growing rapidly and is here to stay. Through IoT, devices like a fridge, coffee machine or even a train can collect internal data, transmit it via the internet and further enrich the big data universe.

MQTT is lightweight machine-to-machine (M2M) publish/subscribe message transport. It is an OASIS connectivity protocol and Standard which is ideal for low powered devices with less bandwidth like sensors. It is supported by a variety of industries since 1999.

For customers making use of SAP Hana Cloud Integration, Rojo Consultancy B.V has created a MQTT adapter to support and facilitate the connection of devices to your SAP Landscape.

Key Features

Key features of the SAP HCI MQTT Adapter include:

- Support for consumption and publishing of messages via the MQTT protocol.
- Support for security including basic authentication and encryption with SSL and different versions of TLS.
- Support for multiple Quality of Service (QoS) levels.
- Supports subject-based or topic filtering of messages.
- Enabled topic wildcards to allow the simultaneous subscription to multiple topics.
- Possibility to maintain messages.
- Persist session.
- Last Will and Testament.
- Support for MQTT version 3.1.1 and MQTT version 3.1.
- Detailed trace.

Business Use Cases

- Marketing and sales:
  Flexible billing and pricing models.
- Product development:
  Connected product quality analysis.
- Operation and manufacturing:
  Real-time asset and material tracking.
- Customers:
  Dashboard for tracking usage and performance of products.
- Information and operational technology:
  Seamless IoT data integration.
- Service and support:
  Condition-based predictive maintenance and service.

Contact Us

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