GoogleIoTCoreConnector

Summary

GoogleIoTCore Connector it is the component who is responsible for managing connection, send, receive messages from Google IoTCore in a niagara station.

This component is a **[RealTimeConnector](#)**, this page will only contain information specific to this component.

Implementation

- Drag and drop the RealTimeConnector to **Services > Btib Service > External Connectors > Realtime Connectors.**
- Follow Step 1 Set up IoT Core on Google Cloud Platform and Step 2 Set up IoT Core connector for devices, points and references.
- Enable the connector. It is also possible to ping the Connector to check if it works.

Properties

- *Commands Topic* : The topic where the device will listen for commands.
- *State Update Delay :* The delay on seconds to wait before to update the state topic. See google iot core limitations https://cloud.google.com/iot/quotas
- *Project Id :* Google cloud project id.
- *Registry Id :* Iot Core registry id.
- *Region :* Registry region
- *Service Account Json :* Content of credential json file
- *Public key :* Public key file used for device authentication
- *Private key :* Private key file used for device authentication.

Fault Causes

- *Unable to connect 404 Not Found :* verify your inputs project id, registry id, region...
- Unauthorized : Verify the json account permissions, it should be "IoT Core Admin Role"