

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"