

**Cognizant EV Charging Protocol Gateway 1.0: Release Note**

**Name of the project**: Cognizant EV Charging Protocol Gateway 1.0

**Type of contribution**: First version release

**Description**: Cognizant EV Charging Protocol Gateway translates data/commands generated by EV Charger implementing OCPP protocol ([Open Charge Point Protocol](https://www.openchargealliance.org/)) into a protocol supported by Azure IoT Hub (AMQP). It greatly simplifies development of EV Charge Management Solution using Azure IoT services without having intricate knowledge of OCPP.

Cognizant EV Charging Protocol Gateway 1.0 supports below OCPP 1.6 commands. These commands suffice end-to-end charging cycle of an Electric Vehicle:

* BootNotification
* Heartbeat
* MeterValues
* StatusNotification
* Authorize
* StartChargeTransaction
* StopChargeTransaction

Please refer to “Cognizant EV Charging Protocol Gateway 1.0 - Technical Design Document.docx” in the same repository for more details.

**Date of release**: January-2021