IBM Watson IOT Platform and a Device

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Basic knowledge of the following cloud services:

· IBM Watson IoT Platform

IBM Watson IoT Platform:

IBM Watson IoT Platform connects devices, ingests device data and transforms that data into meaningful insights. Watson IoT Platform and its additional add onservices enable Clients to capture data for devices, equipment, and machines, to explore this data, and to discover insights on this data that drive better decision making. Watson IoT Platform provides a pre-integrated foundation for industry solution and Client applications built on IoT data. IBM Watson IoT Platform is made up of three fundamental services(Connection Service, Analytics Service, and Block chain Service). All three services have a nonproduction package for proofs of concept and pilot work, as well as a production package for full production deployment. IBM Watson IoT Platform Connection Service capabilities include:

- Connection of a wide spectrum of IoT devices
- IoT device registration and management
- User Registration, setup, and authentication

- Ability to create alerts

- Security with TLS authentication support, access control group for devices& gateways

- Data Lifecycle Management

- Solution administration for deployment and device groupings
Additionally:

- Analytics Service enable to enrich, augment and interact with raw data

- Block chain Service enable to connect with Block chain enabled networks.