IBM **Bluemix** Architecture Center

Data Analytics and IoT Architecture

Capture real-time and historic data from IoT devices, and thus enable your streaming, near real-time, and batch analytics, all by using Bluemix™.

PUBLIC NETWORK

BLUEMIX SERVICES

Continuous Delivery Pipeline automates the building, testing, and deployment of apps from your source-code repository to Bluemix.

DELIVERY PIPELINE

Kafka, MQTT, and Secor, packaged in an **IBM Container**, capture data from connected devices.

Apache Spark performs real time streaming and batch analytics.

WEB BROWSER

DOMAIN NAME SERVICES

CONTENT DELIVERY NETWORK

FIREWALL

LOAD BALANCER

.js

NODE-RED APP

IBM CONTAINERS

APACHE SPARK

EXTERNAL DATA SOURCE

OBJECT STORAGE

Object Storage archives large quantities of data for downstream processing.