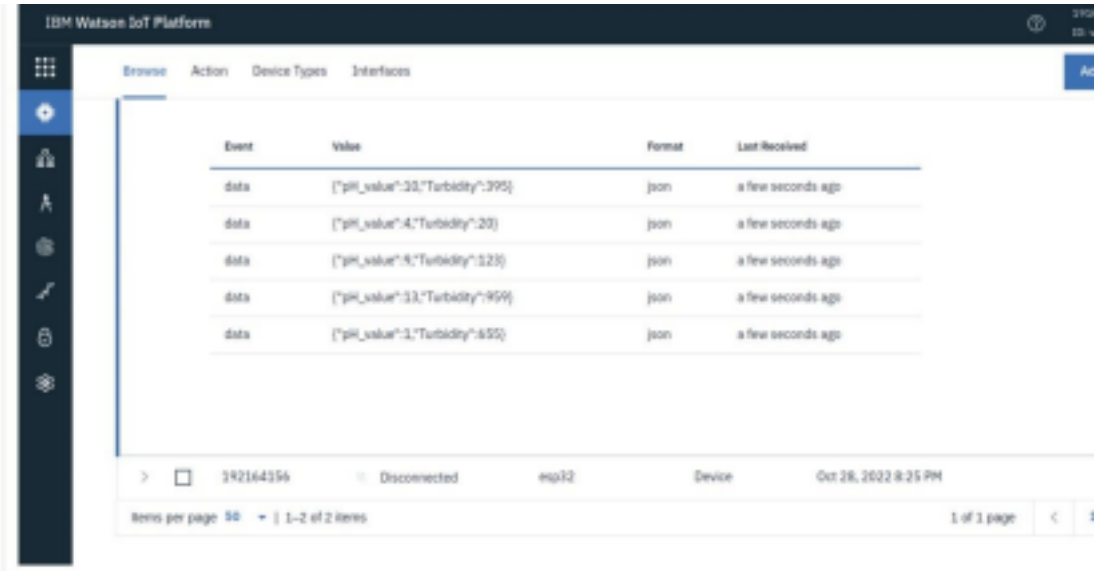
BUILD MOBILE APP

CONFIGURE THE APPLICATION TO RECEIVE THE DATA FROM CLOUD

Date	03 November 2022
Team ID	PNT2022TMID07628
Project Name	Project – IOT Based Real – time River Water Quality Monitoring and Control System
Maximum Marks	4 Marks

This is created through the use of gateway nodes to create a **Virtual DataWarehouse.** This Virtual Data Warehouse allows application developers to map access to remote data points.

This software-defined gateway is run adjacent to the application it serves and can be deployed within a cloud environment or in a data center.


IBM Watson IoT Platform
Browse
Action
Device Types
Interfaces
Event
Value
Format
Last Received
data
{"pH_value":10,"Turbidity":395}
json
a few seconds ago
data
{"pH_value":4,"Turbidity":20}
json
a few seconds ago
data
{"pH_value":9,"Turbidity":123}
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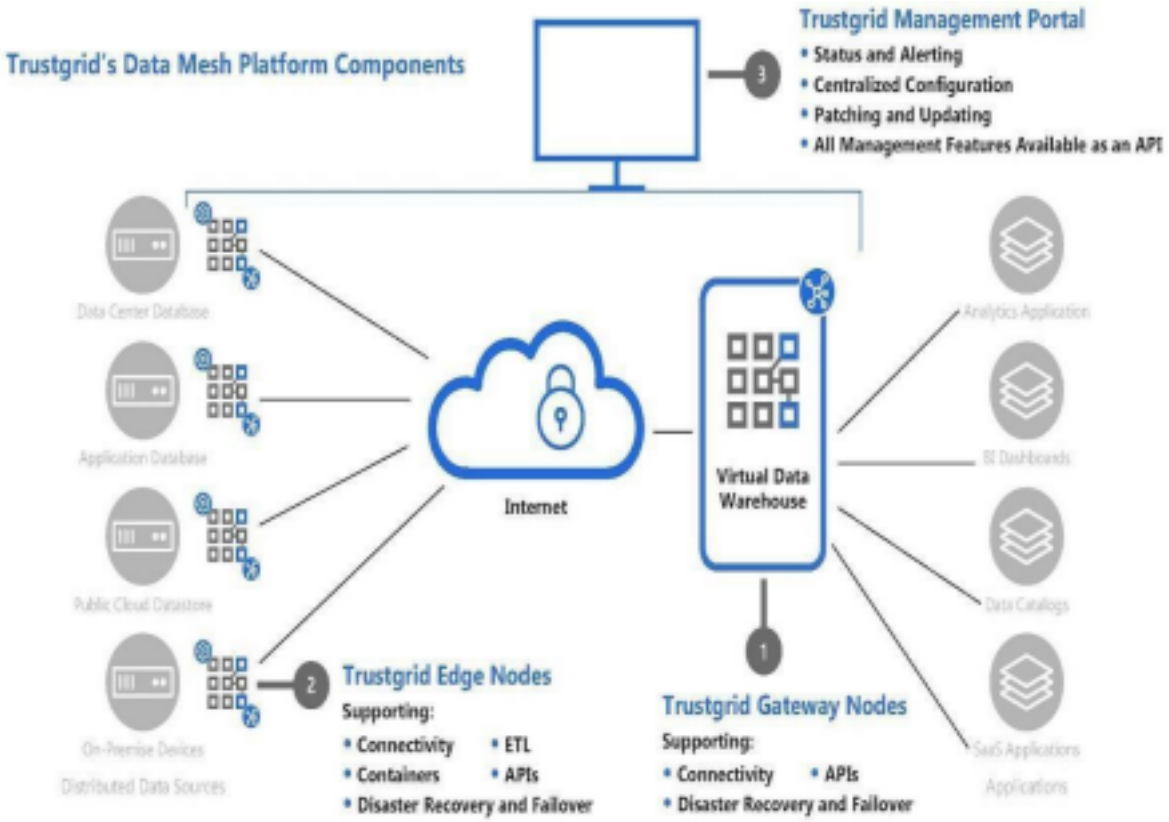
a few seconds ago
data
{"pH_value":13,"Turbidity":959}
json
a few seconds ago
data
{"pH_value":1,"Turbidity":655}
json
a few seconds ago
192164156
Disconnected
esp32
Device
Oct 28, 2022 8:25 PM
Items per page: 50
1–2 of 2 items
1 of 1 page



This Virtual Data Warehouse allows for the virtual aggregation of data so that an application (or many applications) can easily consume it. Once a data source is added to the Virtual Data Warehouse an application has secure, real-time, persistent access to that data set.

Hardware device – The hardware device is one of the easiest methods of deployment because Trust grid handles all of the software imaging, logistics and deployment support for the end-user. A hardware appliance is ideal for environments with limited onsite support