

Team ID	PNT2022TMID25614
Project Name	IOT Based Smart Crop Protection For Agriculture

IBM Watson IoT Platform and Device

- It is powerful web dashboard Flexible, scalable and easy to use.
- We provide a clean and simple UI where you can simply and easily add and manage your devices, control access to your IoT service, and monitor your usage. See at a glance the things you are interested in.
- It can do some:

Device Management

- Using our device management service, you can perform device actions like rebooting or updating firmware, receive device diagnostics and metadata, or perform bulk device addition and removal.

Responsive, scalable connectivity

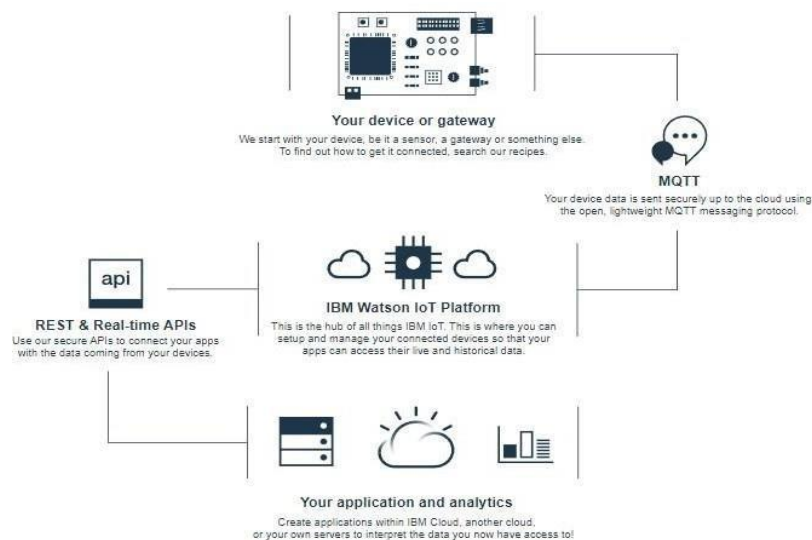
- We use the industry-standard MQTT protocol (OASIS ratified) to connect devices and applications. MQTT is designed for efficient exchange of data to and from devices in real-time.

Secure Communication

- Securely receive data from and send commands to your devices. Do this using MQTT with TLS to secure all communication between your devices and our service.

Data lifecycle management

- As well as having access to real-time data coming from your devices, you can opt to store data for a period of your choice, allowing you to have access to historical and real-time data for your devices.



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Developer Resources

Select a Watson Starter Kit

Create App

Choose a starter kit from below and get access to code and API credentials to get started. You can deploy locally or to IBM Cloud with the provided getting started guide.

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Create App

Kickstart your journey from development to deployment with a new cloud-native application or add a repo to bring your own code.

Lite • Code Pattern

+

Speech to Text Node.js App

React app using the Watson Speech to Text service to transform voice audio into written text.

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Natural Language Understanding Node.js App

Use Watson Natural Language Understanding to analyze text to help you understand its concepts, entities, keywords, sentiment, and more.

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Text to Speech Node.js App

React app using the Watson Text to Speech service to transform text into audio.

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Languages

☒ Node.js

Services used

☒ Speech to Text

☒ Natural Language Understanding

☒ Text to Speech

Deployment targets

☒ Code Engine

☒ Kube/Helm

Tags

☒ Lite

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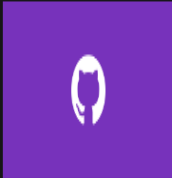
SDKs

Get started with our SDKs.




Blog

Keep up to date with the latest from Watson on our blog.



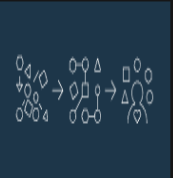
GitHub

Developer tools and sample code on GitHub



Videos

Watch Watson on YouTube



Code Patterns

Code Patterns include architecture diagrams, one-click deployment GitHub repositories, and pointers to essential docs

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Current plan

Lite

Features

- 1 authorized user
- 10 capacity unit-hours monthly limit
- Environment = # of capacity units required per hour
- 1 vCPU + 4 GB RAM = 0.5
- 2 vCPU + 8 GB RAM = 1
- 4 vCPU + 16 GB RAM = 2
- Decision Optimization + Watson NLP = Environment + 5

Current usage

N/A

Lite plan services are deleted after 30 days of inactivity.

Change pricing plan

Plan	Features	Pricing
Lite	<div>1 authorized user</div> <div>10 capacity unit-hours monthly limit</div> <div>Environment = # of capacity units required per hour</div> <div>• 1 vCPU + 4 GB RAM = 0.5</div> <div>• 2 vCPU + 8 GB RAM = 1</div> <div>• 4 vCPU + 16 GB RAM = 2</div> <div>• Decision Optimization + Watson NLP = Environment + 5</div>	

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Watson Studio

Develop sophisticated machine learning models using Notebooks and code-free tools to infuse AI throughout your business.

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Plan	Features	Pricing
Lite	<div>1 authorized user</div> <div>10 capacity unit-hours monthly limit</div> <div>Environment = # of capacity units required per hour</div> <div>• 1 vCPU + 4 GB RAM = 0.5</div> <div>• 2 vCPU + 8 GB RAM = 1</div> <div>• 4 vCPU + 16 GB RAM = 2</div> <div>• Decision Optimization + Watson NLP = Environment + 5</div>	

The Lite plan for Watson Studio offers everything you need to become a better data scientist or domain expert in a collaborative environment.

Lite plan services are deleted after 30 days of inactivity.

 Free |

Summary

Watson Studio

Free

Location: Frankfurt

Plan: Lite

Service name: Watson Studio-0h

Resource group: Default

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