

PREREQUISITES

Date	17 November 2022
Team ID	PNT2022TMID53586
Project Name	Gas leakage monitoring and alerting system

IBM CLOUD SERVICES:

The screenshot displays the IBM Cloud Dashboard interface. At the top, there's a navigation bar with 'Dashboard' and a dropdown arrow, along with links for 'Edit dashboard', 'Upgrade account', and a blue 'Create resource' button. Below this, a 'For you' section features a horizontal row of eight service cards. Each card includes an icon, a title, a brief description, and a 'Getting started' button with a duration. The services listed are: Build (purple card), Build a web app with Watson Speech to Text (15 min), Get Started with Watson Studio (2 hr), Build a Virtual Private Cloud (VPC) (7 min), Get Started with the CLI (10 min), Learn about IAM Roles (5 min), IBM Watson Knowledge Catalog (2 min), and Build a virtual machine (1 min). Below the 'For you' section, there are four more panels: 'News' with a list of updates and a 'View all' link; 'Recent support cases' with a 'View all' link; 'Planned maintenance' with a 'View all' link; and 'IBM Cloud status' with a world map and a 'View all' link. A sidebar on the left contains various icons for navigation.

SOFTWARE:

Command Prompt

```
Microsoft Windows [Version 10.0.19044.2251]
(c) Microsoft Corporation. All rights reserved.
```

```
C:\Users\maila>pip install wiotp-sdk
```

```
Collecting wiotp-sdk
```

```
  Using cached wiotp-sdk-0.11.0.tar.gz (96 kB)
```

```
  Preparing metadata (setup.py) ... done
```

```
Collecting iso8601>=0.1.12
```

```
  Downloading iso8601-1.1.0-py3-none-any.whl (9.9 kB)
```

```
Collecting pytz>=2018.9
```

```
  Downloading pytz-2022.6-py2.py3-none-any.whl (498 kB)
```

```
----- 498.1/498.1 kB 1.5 MB/s eta 0:00:00
```

```
Collecting pyyaml>=3.13
```

```
  Downloading PyYAML-6.0-cp311-cp311-win_amd64.whl (143 kB)
```

```
----- 143.2/143.2 kB 8.9 MB/s eta 0:00:00
```

```
Collecting paho-mqtt>=1.5.0
```

```
  Using cached paho-mqtt-1.6.1.tar.gz (99 kB)
```

```
  Preparing metadata (setup.py) ... done
```

```
Collecting requests>=2.21.0
```

```
  Downloading requests-2.28.1-py3-none-any.whl (62 kB)
```

```
----- 62.8/62.8 kB 1.7 MB/s eta 0:00:00
```

```
Collecting requests_toolbelt>=0.8.0
```

```
  Downloading requests_toolbelt-0.10.1-py2.py3-none-any.whl (54 kB)
```

```
----- 54.5/54.5 kB 3.0 MB/s eta 0:00:00
```

```
Collecting charset-normalizer<3,>=2
```

```
  Downloading charset-normalizer-2.1.1-py3-none-any.whl (39 kB)
```

```
Collecting idna<4,>=2.5
```

```
  Downloading idna-3.4-py3-none-any.whl (61 kB)
```

```
----- 61.5/61.5 kB 3.4 MB/s eta 0:00:00
```

```
Collecting urllib3<1.27,>=1.21.1
```

```
  Downloading urllib3-1.26.12-py2.py3-none-any.whl (140 kB)
```

```
----- 140.4/140.4 kB 1.7 MB/s eta 0:00:00
```

```
Collecting certifi>=2017.4.17
```

```
  Downloading certifi-2022.9.24-py3-none-any.whl (161 kB)
```

```
----- 161.1/161.1 kB 2.4 MB/s eta 0:00:00
```

```
Installing collected packages: pytz, paho-mqtt, urllib3, pyyaml, iso8601, idna, charset-normalizer, certifi, requests, requests_toolbelt, wiotp-sdk
```

```
  DEPRECATION: paho-mqtt is being installed using the legacy 'setup.py install' method, because it does not have a 'pyproject.toml' and the 'wheel' package is not installed. pip 23.1 will enforce this behaviour change. A
```

```
ment is to enable the '--use-pep517' option. Discussion can be found at https://github.com/pypa/pip/issues/8559
```

```
  Running setup.py install for paho-mqtt ... done
```

```
  WARNING: Failed to write executable - trying to use .delete logic
```

```
ERROR: Could not install packages due to an OSError: [WinError 2] The system cannot find the file specified: 'C:\\Python311\\Scripts\\normalizer.exe' -> 'C:\\Python311\\Scripts\\normalizer.exe.delete'
```

```
[notice] A new release of pip available: 22.3 -> 22.3.1
```

```
[notice] To update, run: python.exe -m pip install --upgrade pip
```

```
C:\Users\maila>_
```