

# CREATE IBM WATSON IOT PLATFORM AND DEVICE

The screenshot shows the IBM Cloud catalog page for the Internet of Things Platform service. The page is titled "Internet of Things Platform" and is categorized under "Internet of Things". The service is available in Frankfurt (eu-de) and is priced at "Free". The "Lite" plan is selected, which includes up to 500 registered devices, a maximum of 200 MB of each data metric, and a maximum of 500 application bindings. The plan also includes a maximum of 200 MB of each of data exchanged, data analyzed, and edge data analyzed per month. The service is available in Frankfurt, London, Dallas, and Washington DC. The page includes a "Summary" section on the right, a "Create" button, and an "Add to estimate" button. The bottom of the page shows the "Configure your resource" section with a "Service name" field and a "Select a resource group" dropdown.

**Internet of Things Platform** Free

Location: Frankfurt  
Plan: Lite  
Service name: Internet of Things Platform-q  
Resource group: Default

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[Terms](#)

Create

Add to estimate

The screenshot shows the IBM Watson IoT Platform dashboard. The page is titled "Internet of Things Platform-q" and is categorized under "Manage". The dashboard includes a "Launch" button and a "Docs" button. Below the buttons, there is a section titled "Ready for the next level?" with the heading "IBM Watson IoT Platform Journey". The journey is divided into three stages: "Lite", "Non-Production", and "Production". The "Lite" stage is selected, which provides a lightweight development environment. The "Non-Production" stage is a full-featured, fully-integrated offering. The "Production" stage is a fully managed SaaS offering. The dashboard also includes a "Connections" section on the left and a "Details" section on the right.

**Internet of Things Platform-q** Active Add tags

Launch Docs

Ready for the next level?

**IBM Watson IoT Platform Journey**

**Lite**

The Lite service plan provides a lightweight development environment to get you started with the connectivity capabilities of Watson IoT Platform.

- Free
- 200 MB data-transfer limit

**Non-Production**

The Non-Production service plan is a full-featured, fully-integrated offering that enables you to explore Watson IoT Platform to see how the service can fit into your IoT environment.

- Starts at \$500 per month
- Capacity limit based on device type

**Production**

The Production service is a fully managed SaaS offering that enables you to manage and analyze enterprise IoT data.

- Includes IBM Service & Support
- Pricing based on number of devices per

The screenshot shows the IBM Watson IoT Platform web interface. The browser address bar indicates the URL is `aeq54u.internetofthings.ibmcloud.com/dashboard/devices/drilldown/NodeMCU:12345?returnTo=/devices/browse`. The page title is "Device Drilldown - 12345".

On the left, there is a sidebar with navigation options: "Device Credentials", "Connection Information", "Recent Events", "State", "Device Information", "Metadata", "Diagnostics", "Connection Logs", and "Device Actions".

The main content area is titled "Device Credentials" and contains the following information:

- Organization ID: `aeq54u`
- Device Type: `NodeMCU`
- Device ID: `12345`
- Authentication Method: `use-token-auth`
- Authentication Token: `12345678`

Below the credentials, there is a warning icon and text: "Authentication tokens are non-recoverable. If you misplace this token, you will need to re-register the device to generate a new authentication token." A link "Find out how to add these credentials to your device" is provided.


Below the credentials section, there is a "Connection Information" section with the following details:

- Device ID: `12345`
- Device Type: `NodeMCU`
- Date Added: `Nov 14, 2022 8:25 PM`

Internet of Things Platform-qp Active [Add tags](#)

**Manage**

- Plan
- Connections



### Let's get started with IBM Watson IoT Platform


Securely connect, control, and manage devices. Quickly build IoT applications that analyze data from the physical world.

[Launch](#) [Docs](#)

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Ready for the next level?

#### IBM Watson IoT Platform Journey




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IBM Watson IoT Platform

[Browse](#) [Action](#) [Device Types](#) [Interfaces](#) [Add Device](#)

## Browse Devices

[All Devices](#) [Diagnose](#)

This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.

Search by Device ID Device Simulator ☐

| <input type="checkbox"/> | Device ID | Status       | Device Type | Class ID | Date Added           | Descriptive Location |
|--------------------------|-----------|--------------|-------------|----------|----------------------|----------------------|
| <input type="checkbox"/> | 12345     | Disconnected | NodeMCU     | Device   | Nov 14, 2022 8:35 PM |                      |

Items per page: 50 | 1-1 of 1 item

1 of 1 page [<](#) [1](#) [>](#)