

TO CREATE AND CONFIGURE IBM-CLOUD SERVICES

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Project Name	Project – Industry Specific Intelligent Fire Management system

1) Open cloud.ibm.com and sign into specified cloud account and ADD DEVICE

The screenshot shows the 'Browse Devices' interface in the IBM Cloud IoT Platform. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A sidebar on the left contains various icons. The main content area has a 'Browse Devices' title and a 'Diagnose' button. Below this, a table lists devices. The table has columns for Device ID, Status, Device Type, Class ID, Date Added, and Descriptive Location. One device is listed with ID 1234, Status Disconnected, Device Type Weather_Device, Class ID Device, Date Added Nov 11, 2022 11:35 AM, and Descriptive Location. The 'Add Device' button is in the top right corner.

2) Provide required credentials to configure the device.

The screenshot shows the 'Device Details' page for device ID 1234. The page has a table with columns for Device ID, Status, Device Type, Class ID, Date Added, and Descriptive Location. The 'Device Information' tab is active, showing details like Device ID, Device Type, Date Added, Added By, and Connection Status. The 'Add Device' button is in the top right corner.

3) Enable Device Simulator to generate a simple code.

The screenshot shows the 'General Settings' page in the IBM Cloud IoT Platform. The page has a sidebar on the left with 'PLATFORM', 'DATA AND DEVICES', and 'SECURITY' sections. The 'Device Simulator' section is active, showing a toggle switch to enable the simulator. The 'Connection Security' section is also visible, showing a link to 'Open Connection Security Policy'.

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4) Check the output in the Recent Events.

The screenshot shows the IBM Cloud IoT Platform console. At the top, there's a search bar and a 'Device Simulator' toggle. Below is a table of devices. The first device, ID 1234, is 'Disconnected' and a 'Weather_Device'. The 'Recent Events' tab is selected, showing a list of events. Each event is a JSON object containing temperature and humidity data. The events are listed in a table with columns: Event, Value, Format, and Last Received. The status '1 Simulation running' is shown at the bottom right.

Event	Value	Format	Last Received
event_1	{"TEMPERATURE":43,"HUMIDITY":14}	json	a few seconds ago
event_1	{"TEMPERATURE":12,"HUMIDITY":9}	json	a few seconds ago
event_1	{"TEMPERATURE":46,"HUMIDITY":39}	json	a few seconds ago
event_1	{"TEMPERATURE":1,"HUMIDITY":82}	json	a few seconds ago
event_1	{"TEMPERATURE":48,"HUMIDITY":88}	json	a few seconds ago

1 Simulation running

5) The generated function can also be depicted in a graphical format using Boards.

