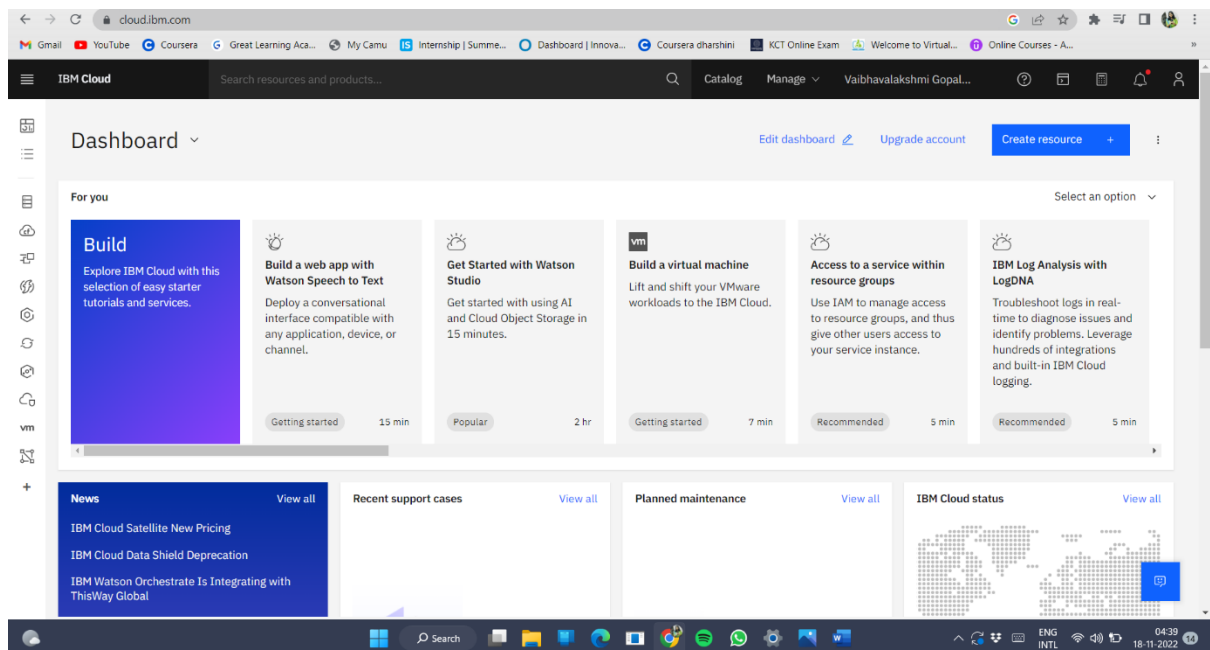


# CREATE IBM WATSON IOT PLATFORM AND DEVICE

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1)



2)

The screenshot shows the 'Add Device' wizard in the IBM Watson IoT Platform. The wizard is a multi-step process with four steps: Identity, Device Information, Security, and Summary. The 'Identity' step is currently active, indicated by a blue circle and a blue line. Below the step indicator, there is a text prompt: 'Select a device type for the device that you are adding and give the device a unique ID.' There are two input fields: 'Device Type' with the value '123456' and 'Device ID' with the value '4699'. At the bottom right of the wizard, there are 'Cancel' and 'Next' buttons. Below the wizard, there is a 'Browse Devices' section with 'All Devices' and 'Diagnose' buttons.

IBM Watson IoT Platform

Browse Action Device Types Interfaces

### Add Device

Identity Device Information Security Summary

Select a device type for the device that you are adding and give the device a unique ID.

Device Type 123456

Device ID 4699

Cancel Next

### Browse Devices

All Devices Diagnose

3)

The screenshot shows the 'Add Device' wizard in the IBM Watson IoT Platform, now at the 'Security' step. The 'Identity' and 'Device Information' steps are completed, indicated by checkmarks. The 'Security' step is active, indicated by a blue circle and a blue line. Below the step indicator, there is a text prompt: 'There are two options for selecting a device authentication token.' There are two options: 'Auto-generated authentication token (default)' and 'Self-provided authentication token'. The 'Auto-generated authentication token' option is selected. Below the options, there is a text prompt: 'Allow the service to generate an authentication token for you. Tokens are 18 characters and contain a mix of alphanumeric characters and symbols. The token is returned to you at the end of the device registration process.' There is an input field for the 'Authentication Token' with the value '12345678'. Below the input field, there is a text prompt: 'Make a note of the generated token. Lost authentication tokens cannot be recovered. Tokens are encrypted before being stored.' and a note: 'Authentication token are encrypted before we store them.'

IBM Watson IoT Platform

Browse Action Device Types Interfaces

### Add Device

Identity Device Information Security Summary

There are two options for selecting a device authentication token.

**Auto-generated authentication token (default)**

Allow the service to generate an authentication token for you. Tokens are 18 characters and contain a mix of alphanumeric characters and symbols. The token is returned to you at the end of the device registration process.

**Self-provided authentication token**

Provide your own authentication token for this device. The token must be between 8 and 36 characters and contain a mix of lowercase and uppercase letters, numbers, and symbols, which can include hyphens, underscores, and periods. Do not use repeated characters, dictionary words, user names, or other predefined sequences.

Authentication Token 12345678

Make a note of the generated token. Lost authentication tokens cannot be recovered. Tokens are encrypted before being stored.

Authentication token are encrypted before we store them.

4)

The screenshot shows the IBM Watson IoT Platform 'General Settings' page. The left sidebar contains navigation links for Identity, Experimental Features, Last Event Cache, Client Connection State API, DATA AND DEVICES (highlighted), Device Simulator, and SECURITY. The main content area includes sections for 'Activate Device Simulator' (with a toggle switch), 'Connection Security' (with a link to 'Open Connection Security Policy'), and 'CA Certificates' (with a link to 'Upload a CA certificate' and a '+ Add Certificate' button). A 'Simulations' modal is open, displaying '61 events sent' and '2.19 KB sent'. The modal contains a table with columns for Device Type, Device ID, and Event Type, showing three rows of simulated events.

Device Type	Device ID	Event Type
event_1	123456	4699
event_1	123456	4699
event_1	123456	4699

5)

The screenshot shows the IBM Watson IoT Platform 'devices/browse' page. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A table lists devices with columns for Device ID, Status, Device Type, Class ID, Date Added, and Descriptive Location. The first device, ID 4699, is 'Connected'. Below the table, a modal displays 'Recent Events' for this device. The modal includes tabs for Identity, Device Information, Recent Events (selected), State, and Logs. A message states: 'The recent events listed show the live stream of data that is coming and going from this device.' Below this is a table of recent events.

Event	Value	Format	Last Received
IoTSensor	{"temperature":80,"Humid":19,"Gas":27}	json	a few seconds ago
IoTSensor	{"temperature":74,"Humid":20,"Gas":62}	json	a few seconds ago
IoTSensor	{"temperature":86,"Humid":20,"Gas":96}	json	a few seconds ago
IoTSensor	{"temperature":41,"Humid":10,"Gas":13}	json	a few seconds ago
IoTSensor	{"temperature":31,"Humid":56,"Gas":96}	json	a minute ago

6)

