

# Create And Configure IBM Cloud Services

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PROJECT NAME: IOT - BASED SMART CROP  
PROTECTION SYSTEM FOR AGRICULTURE

## Create IBM Watson IoT Platform and Device

The screenshot displays the IBM Watson IoT Platform interface. The browser tabs at the top include 'Service Details - IBM Cloud', 'IBM Watson IoT Platform', and 'Enrollment successful'. The address bar shows the URL: `ryup3j.internetofthings.ibmcloud.com/dashboard/devices/drilldown/arduino:12345?returnTo=/devices/browse`. The page title is 'Device Drilldown - 12345'. A left sidebar contains navigation links: 'Back', 'Device Credentials', 'Connection Information', 'Recent Events', 'State', 'Device Information', 'Metadata', 'Diagnostics', 'Connection Logs', and 'Device Actions'. The 'Device Credentials' section is active, showing a table with the following data:

Organization ID	ryup3j
Device Type	arduino
Device ID	12345
Authentication Method	use-token-auth
Authentication Token	84893404

Below the table, a warning message states: '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. At the bottom, a status bar indicates '0 Simulations running'. The Windows taskbar at the bottom shows the date and time as 11:47 on 03-11-2022.

IBM Watson IoT Platform

Browse

Action

Device Types

Interfaces

Add Device

>

12345

Disconnected

arduino

Device

Nov 3, 2022 11:46 AM

▼

TEST

Connected

ESP8266

Device

Nov 13, 2022 1:07 PM

→ ...

Identity

Device Information

Recent Events

State

Logs

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
Data2	{"d":{"Name":"TEST","Animal&Bird":100}}	json	a few seconds ago
Data2	{"d":{"Name":"TEST","Moiture":55}}	json	a few seconds ago
Data2	{"d":{"Name":"TEST","Humidity":62}}	json	a few seconds ago
Data1	{"d":{"Name":"TEST","Temperature":29.8}}	json	a few seconds ago
Data2	{"d":{"Name":"TEST","Animal&Bird":0}}	json	a few seconds ago