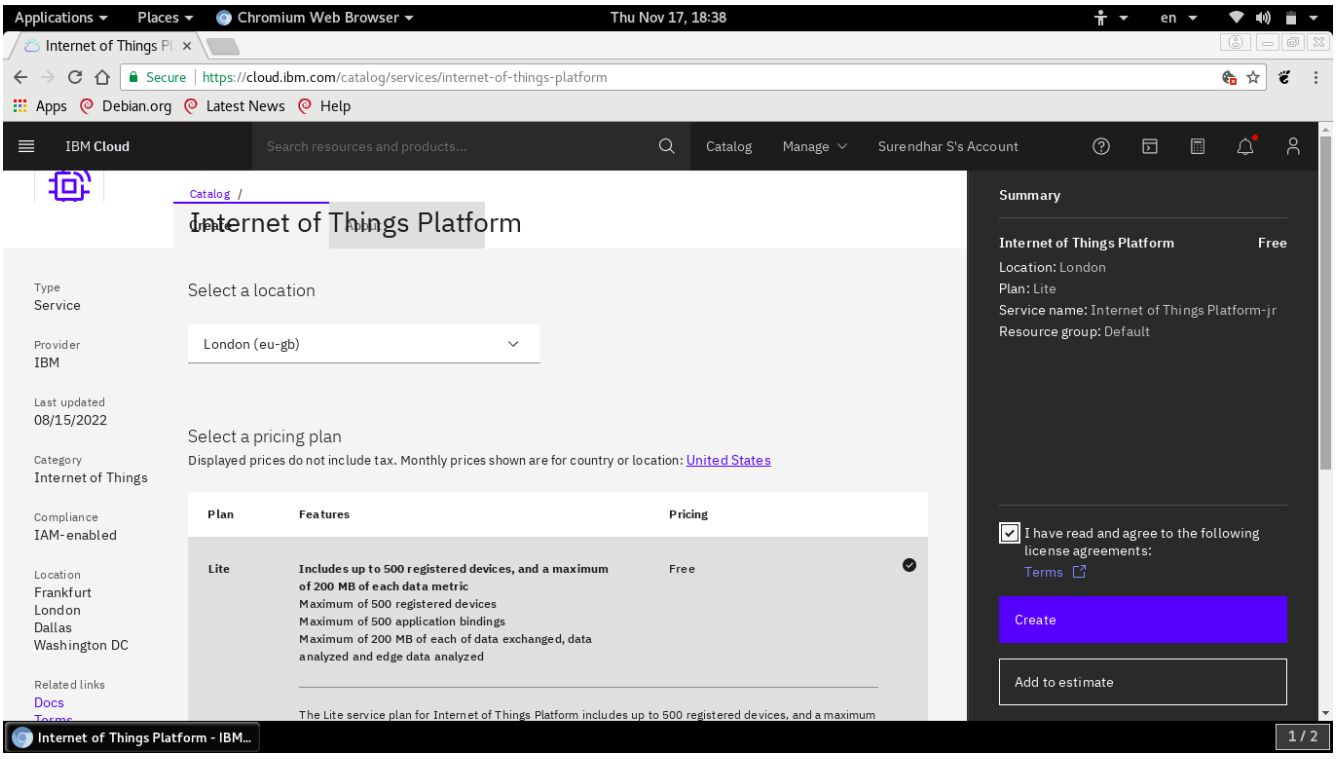
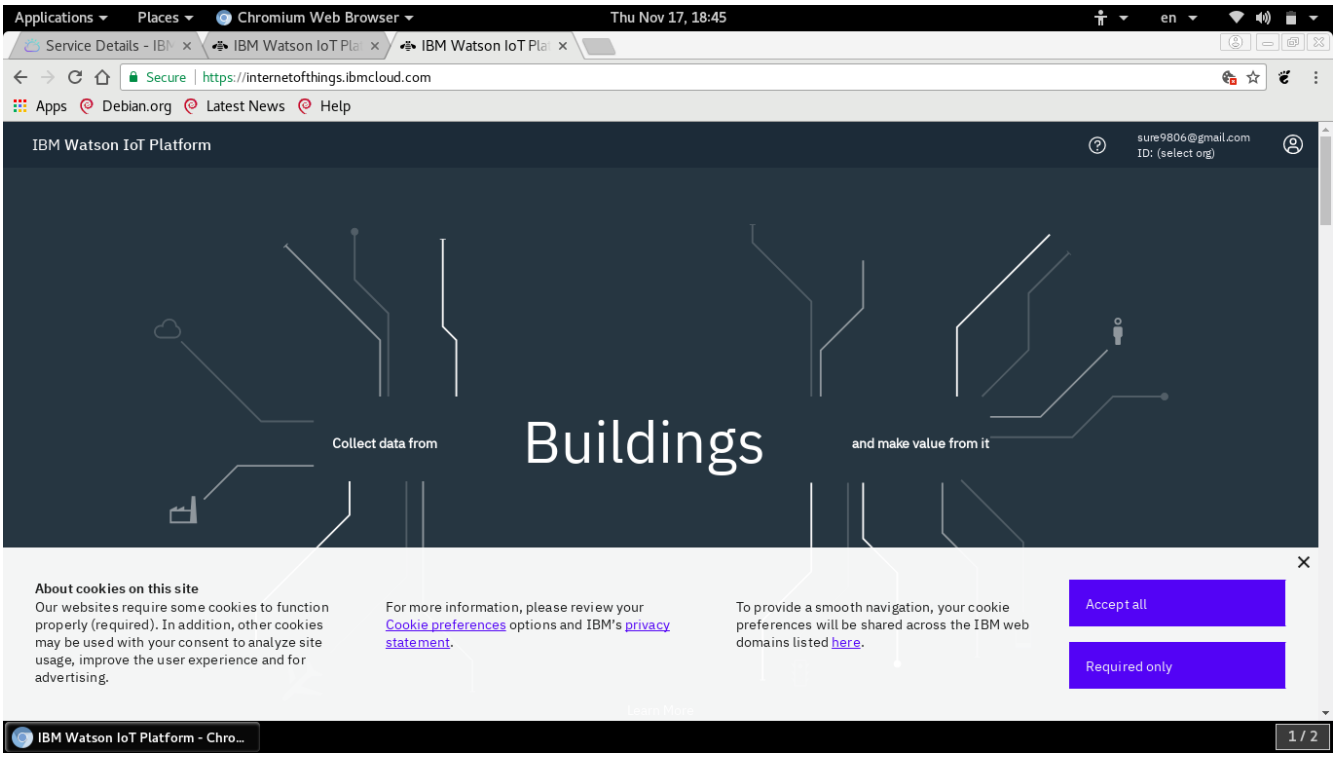
CREATION OF IBM WATSON IOT SERVICES

DATE	17 NOVEMBER 2022
TEAM ID	PNT2022TMID17383
PROJECT NAME	Smart Farmer – IoT Smart farming Application

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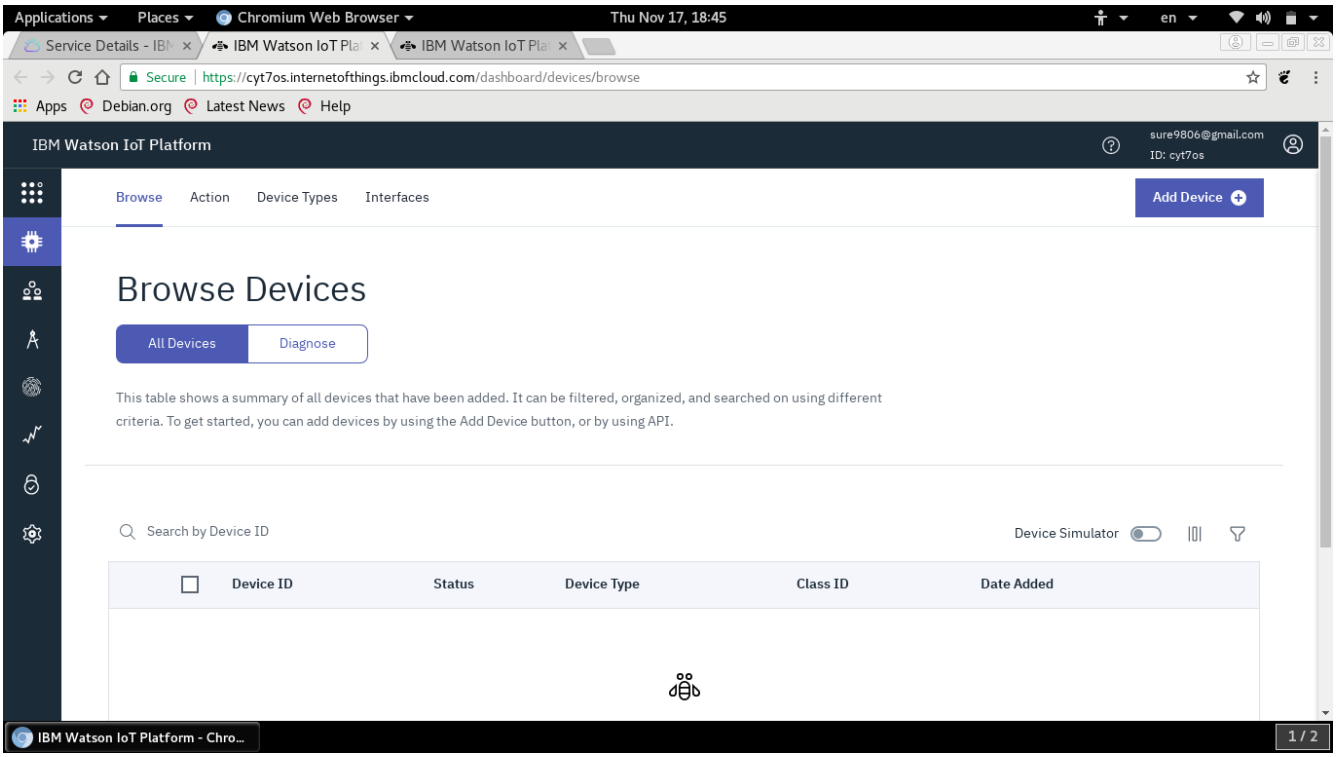
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Action
Device Types
Interfaces
Add Device
Browse Devices
All Devices
Diagnose
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Search by Device ID
Device Simulator
Device ID
Status
Device Type
Class ID
Date Added
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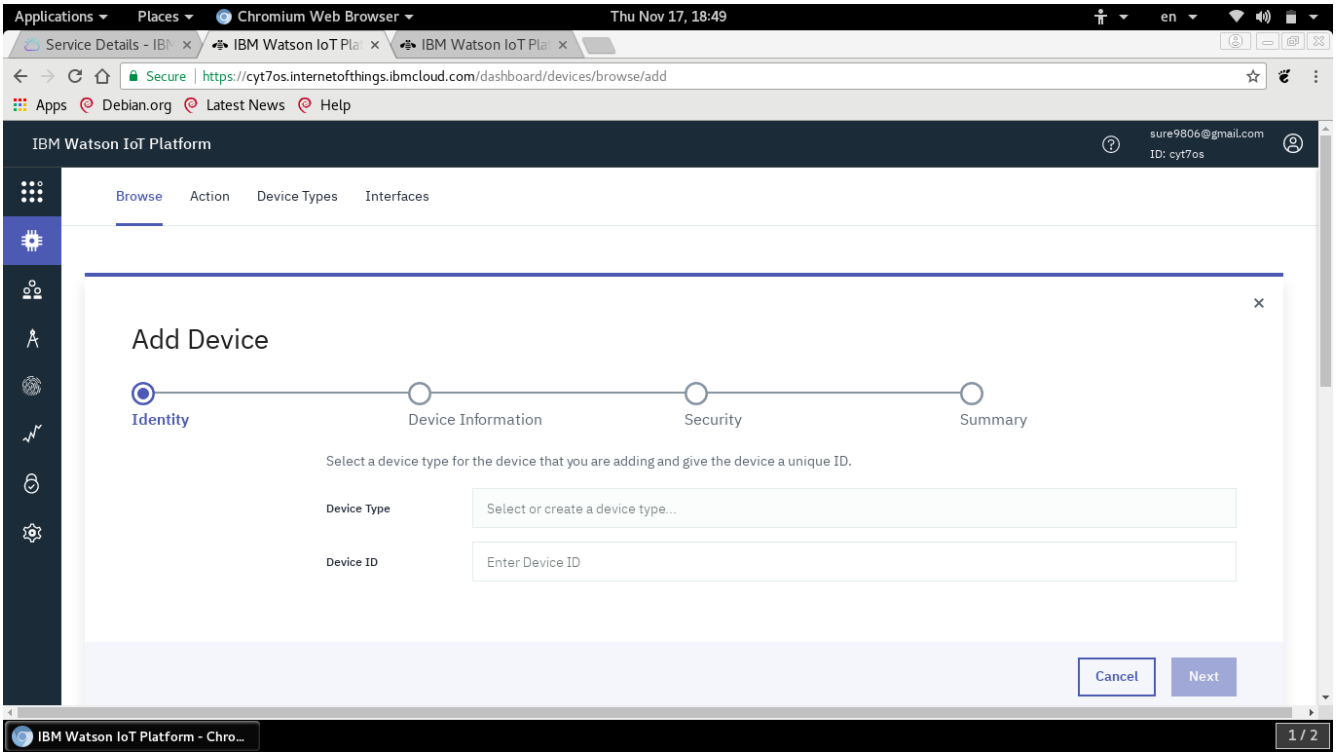
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Browse
Action
Device Types
Interfaces
Add Device
Identity
Device Information
Security
Summary
Select a device type for the device that you are adding and give the device a unique ID.
Device Type
Select or create a device type...
Device ID
Enter Device ID
Cancel
Next
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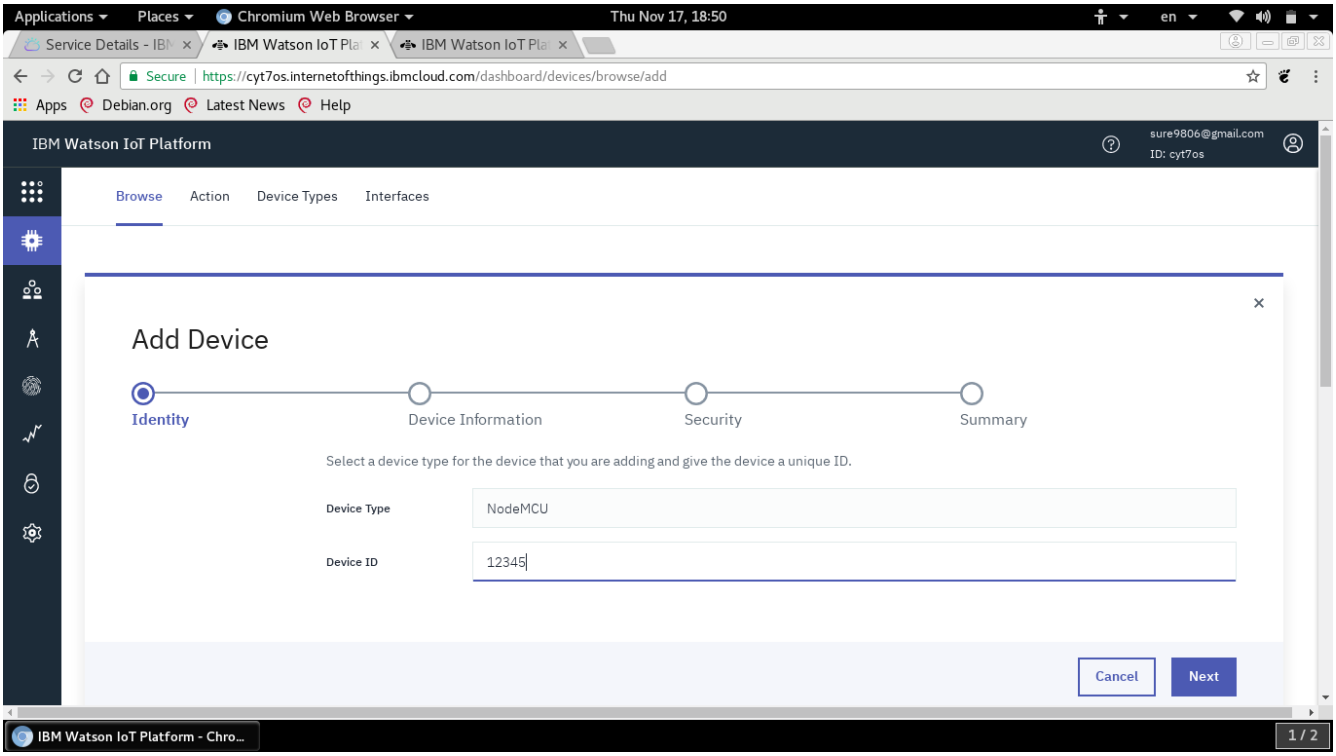
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Browse
Action
Device Types
Interfaces
Add Device
Identity
Device Information
Security
Summary
Select a device type for the device that you are adding and give the device a unique ID.
Device Type
NodeMCU
Device ID
12345
Cancel
Next
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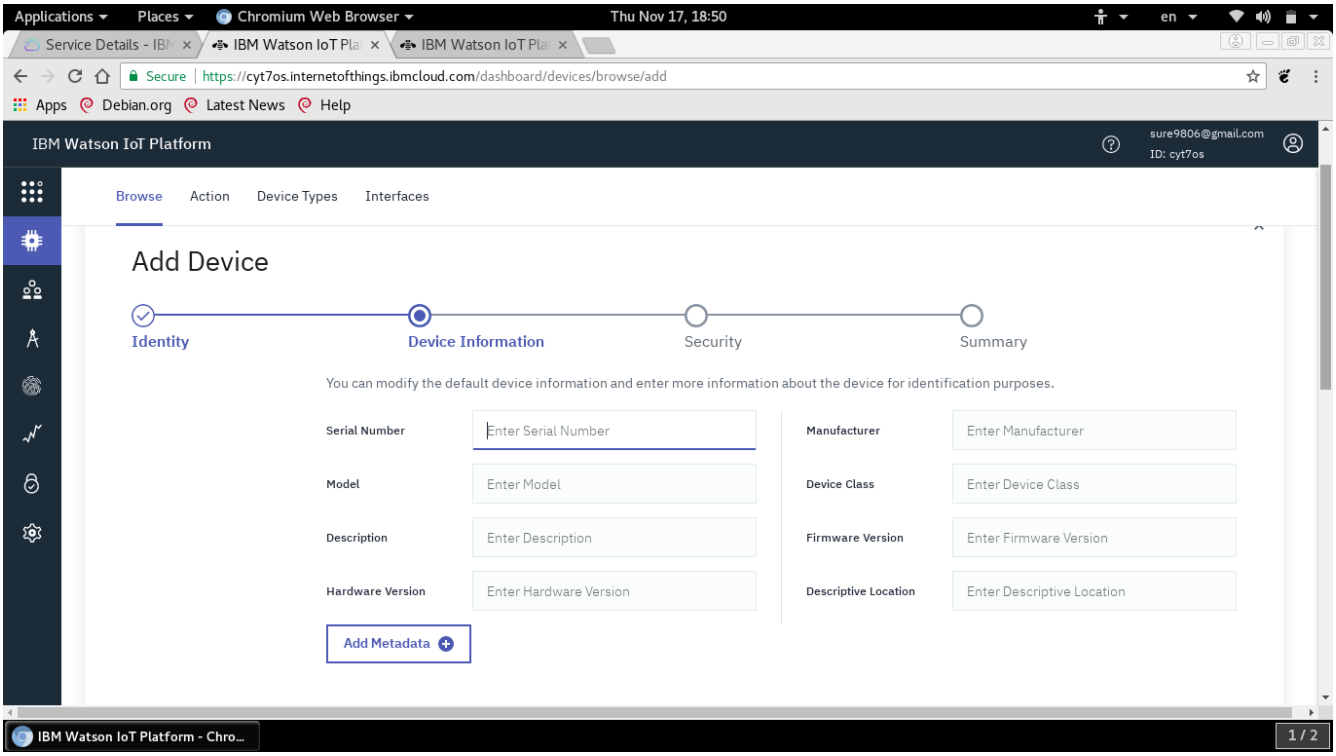
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Browse
Action
Device Types
Interfaces
Add Device
Identity
Device Information
Security
Summary
You can modify the default device information and enter more information about the device for identification purposes.
Serial Number
Enter Serial Number
Manufacturer
Enter Manufacturer
Model
Enter Model
Device Class
Enter Device Class
Description
Enter Description
Firmware Version
Enter Firmware Version
Hardware Version
Enter Hardware Version
Descriptive Location
Enter Descriptive Location
Add Metadata
IBM Watson IoT Platform - Chro...
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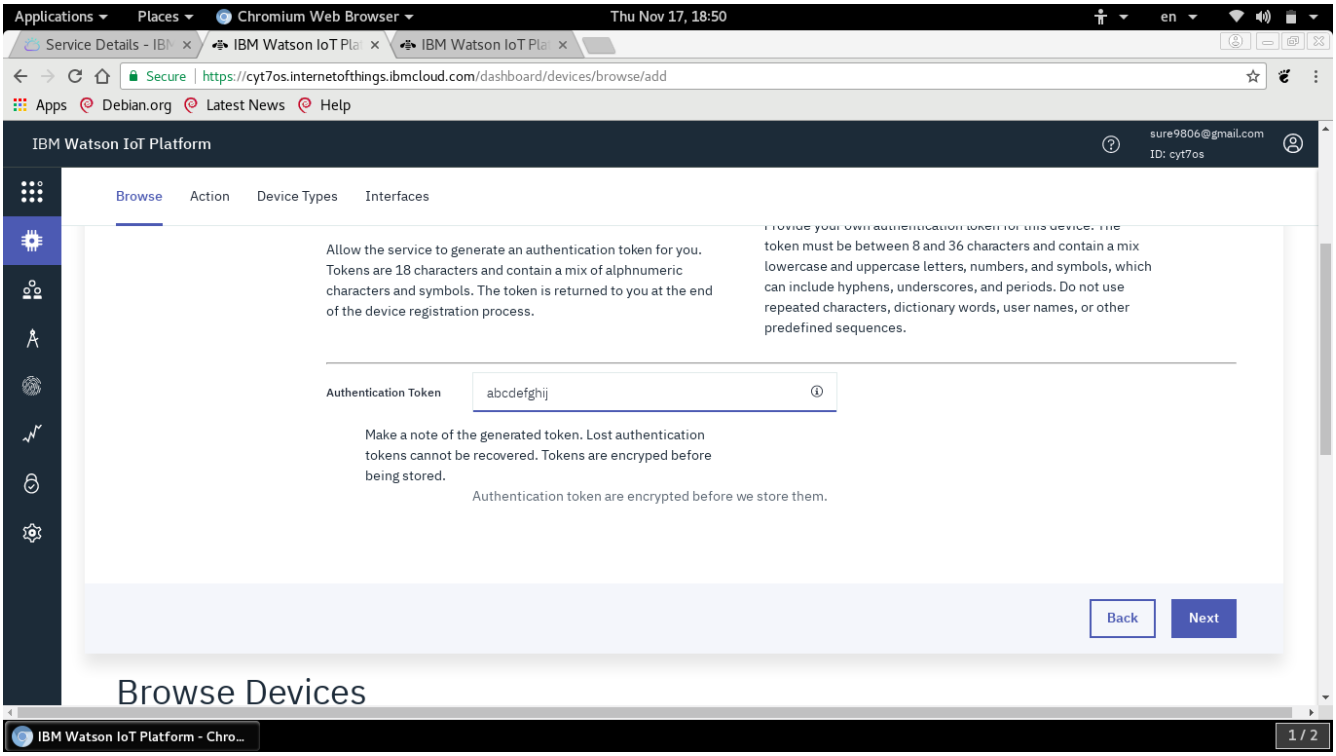
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Browse
Action
Device Types
Interfaces
Allow the service to generate an authentication token for you. Tokens are 18 characters and contain a mix of alphnumeric characters and symbols. The token is returned to you at the end of the device registration process.
token must be between 8 and 36 characters and contain a mix 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
abcdefghij
Make a note of the generated token. Lost authentication tokens cannot be recovered. Tokens are encryped before being stored.
Authentication token are encrypted before we store them.
Back
Next
Browse Devices
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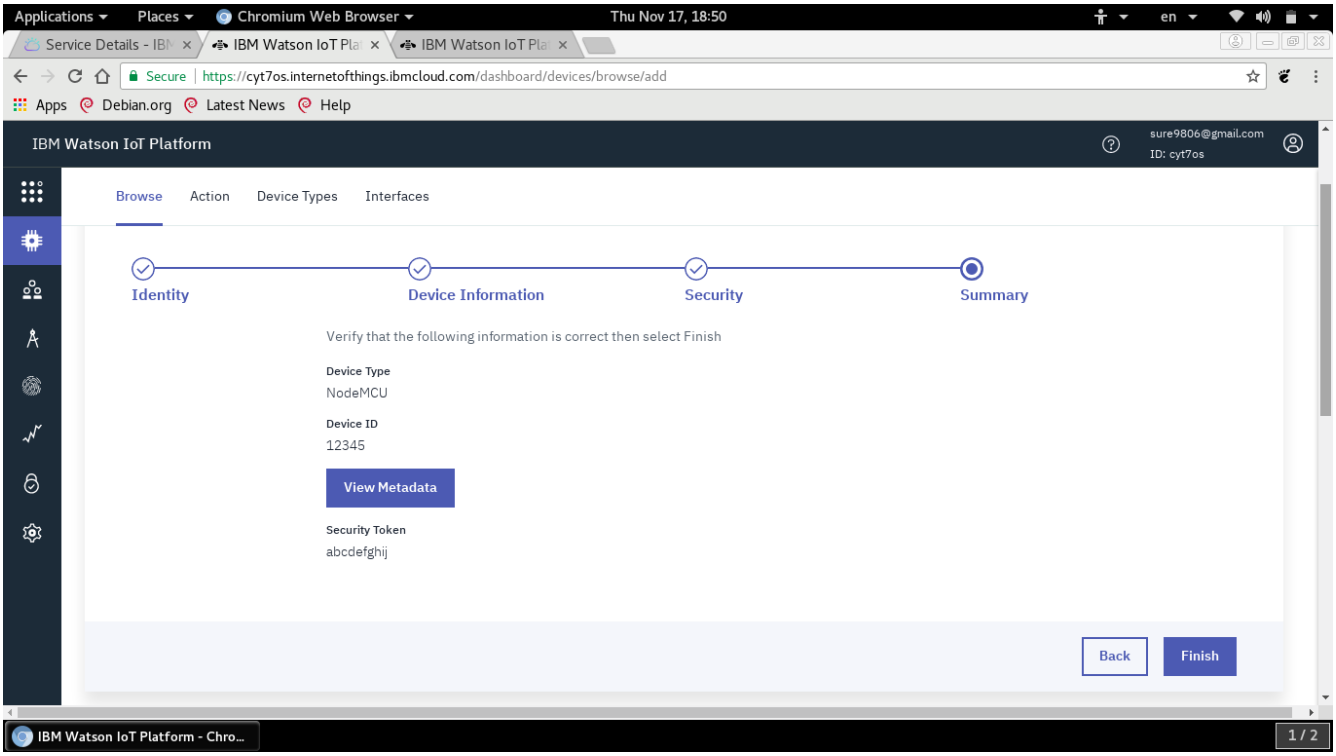
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Browse
Action
Device Types
Interfaces
Identity
Device Information
Security
Summary
Verify that the following information is correct then select Finish
Device Type
NodeMCU
Device ID
12345
View Metadata
Security Token
abcdefghij
Back
Finish
IBM Watson IoT Platform - Chro...
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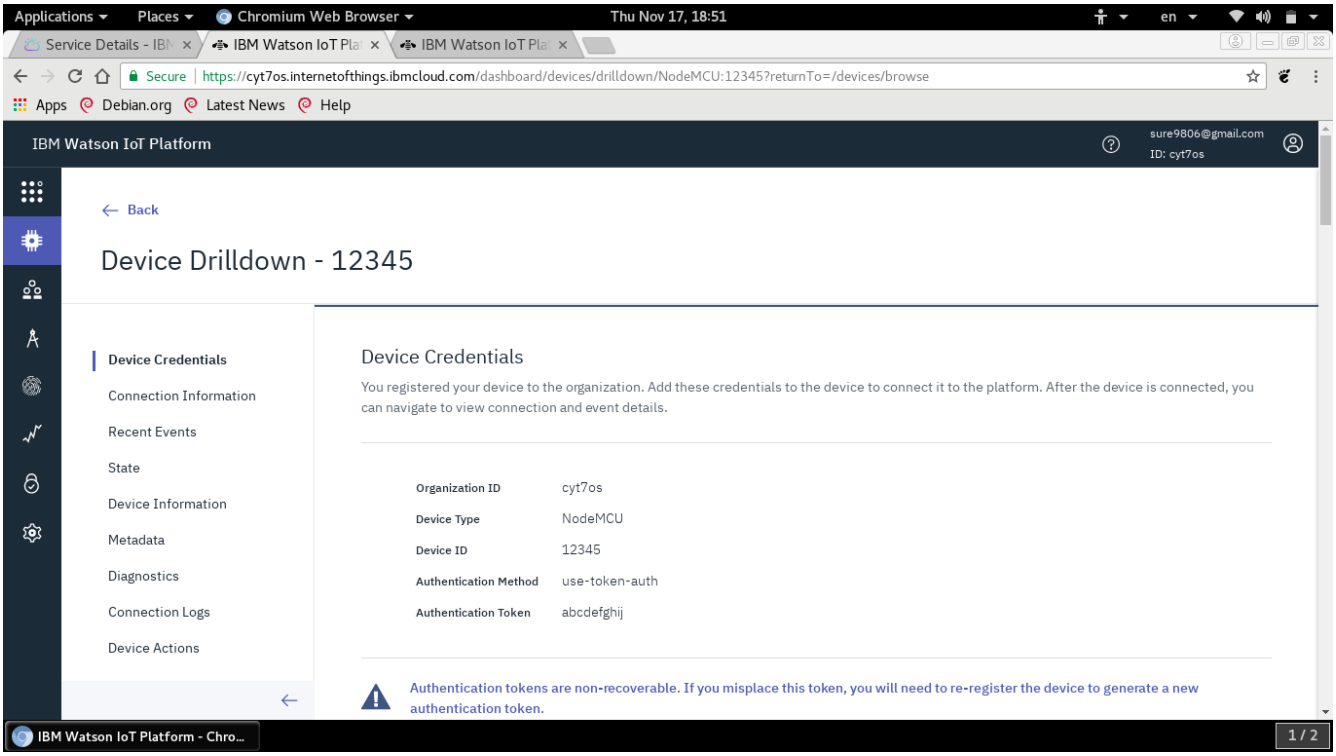
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Places
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Back
Device Drilldown - 12345
Device Credentials
Connection Information
Recent Events
State
Device Information
Metadata
Diagnostics
Connection Logs
Device Actions
Device Credentials
You registered your device to the organization. Add these credentials to the device to connect it to the platform. After the device is connected, you can navigate to view connection and event details.
Organization ID
cyt7os
Device Type
NodeMCU
Device ID
12345
Authentication Method
use-token-auth
Authentication Token
abcdefghij
Authentication tokens are non-recoverable. If you misplace this token, you will need to re-register the device to generate a new authentication token.
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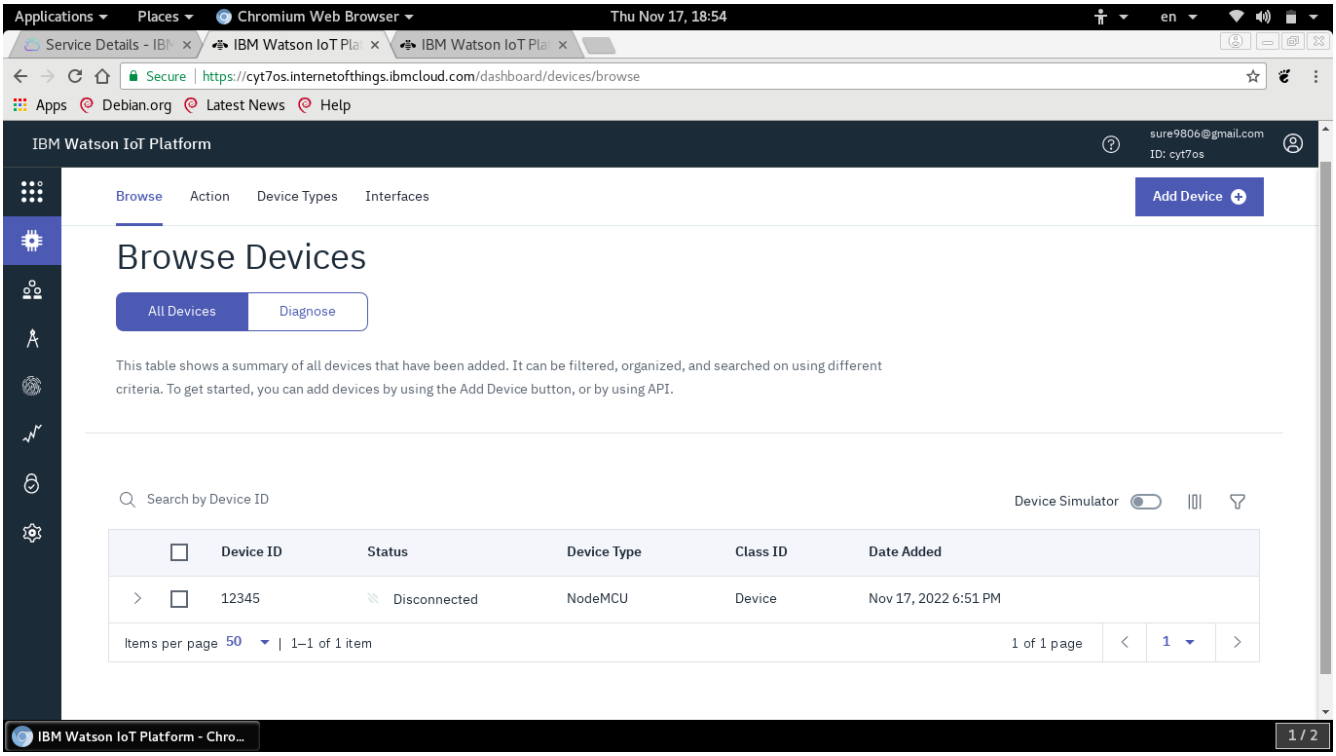
Applications
Places
Chromium Web Browser
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Action
Device Types
Interfaces
Add Device
Browse Devices
All Devices
Diagnose
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Search by Device ID
Device Simulator
Device ID
Status
Device Type
Class ID
Date Added
12345
Disconnected
NodeMCU
Device
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Items per page 50
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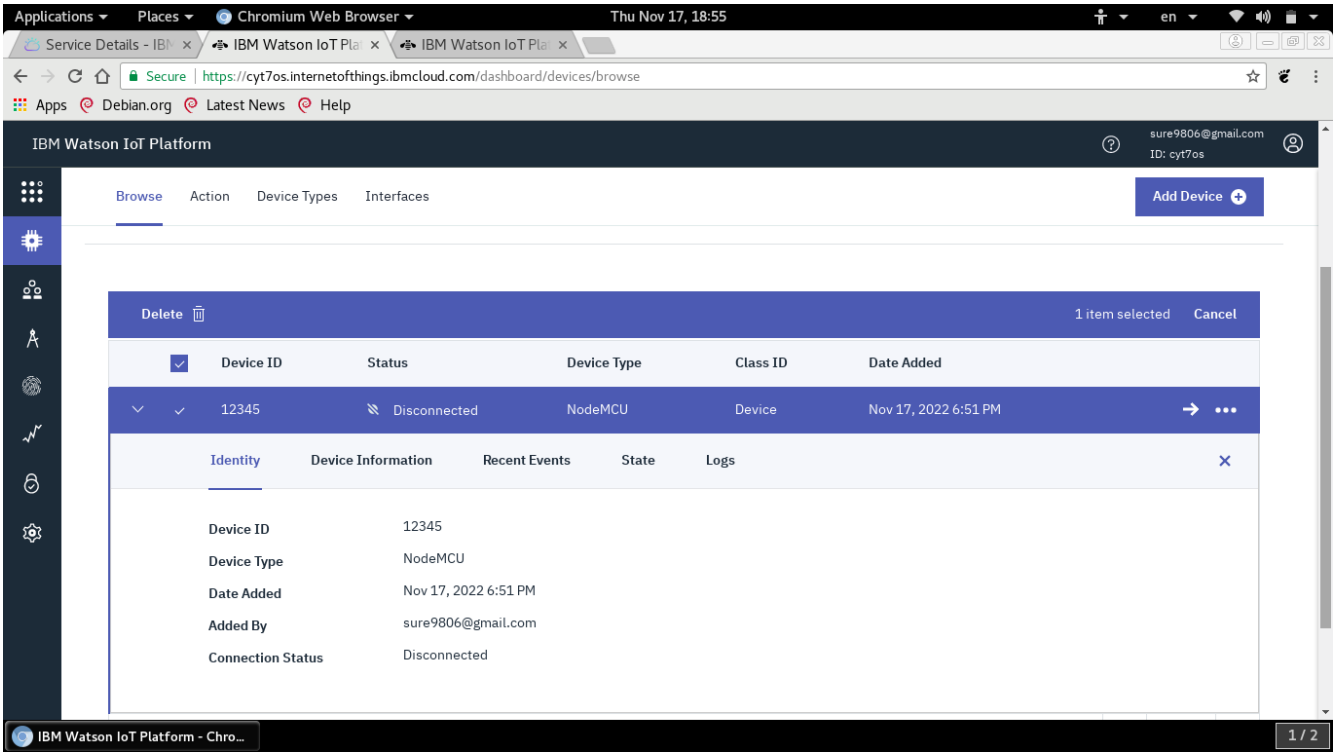
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Browse
Action
Device Types
Interfaces
Add Device
Delete
1 item selected
Cancel
Device ID
Status
Device Type
Class ID
Date Added
12345
Disconnected
NodeMCU
Device
Nov 17, 2022 6:51 PM
Identity
Device Information
Recent Events
State
Logs
Device ID
12345
Device Type
NodeMCU
Date Added
Nov 17, 2022 6:51 PM
Added By
sure9806@gmail.com
Connection Status
Disconnected
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CONCLUSION:

Hence We created the IBM Watson IoT Services.