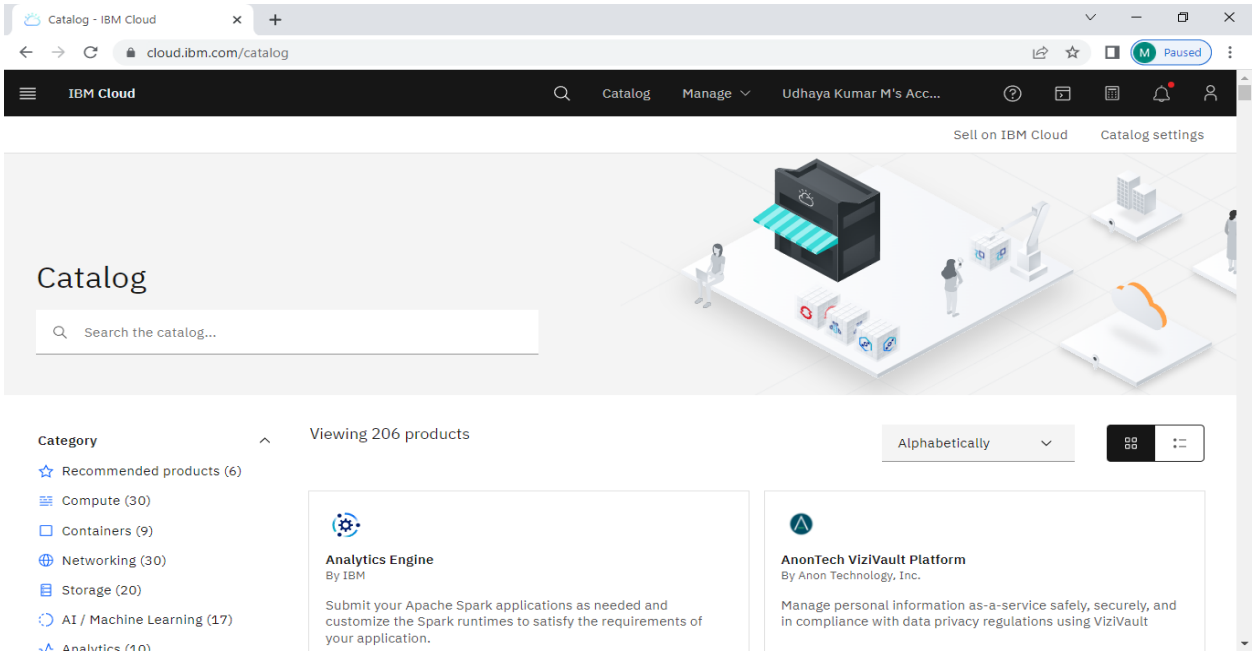
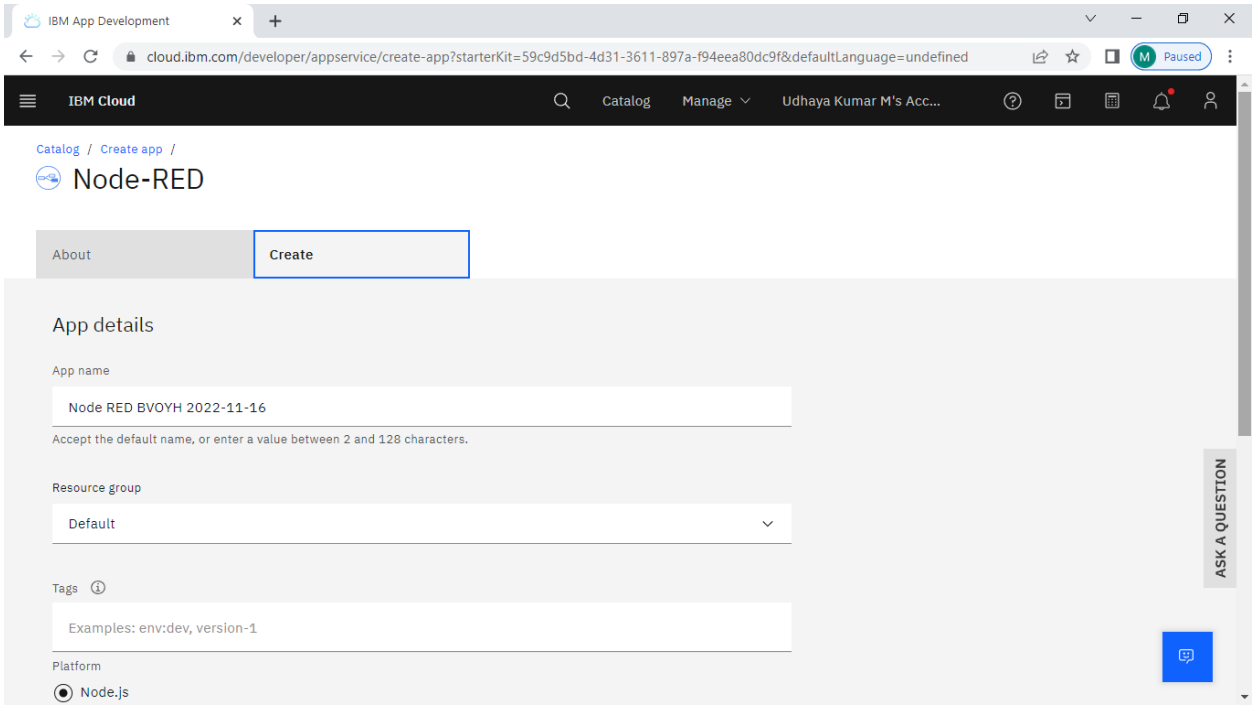
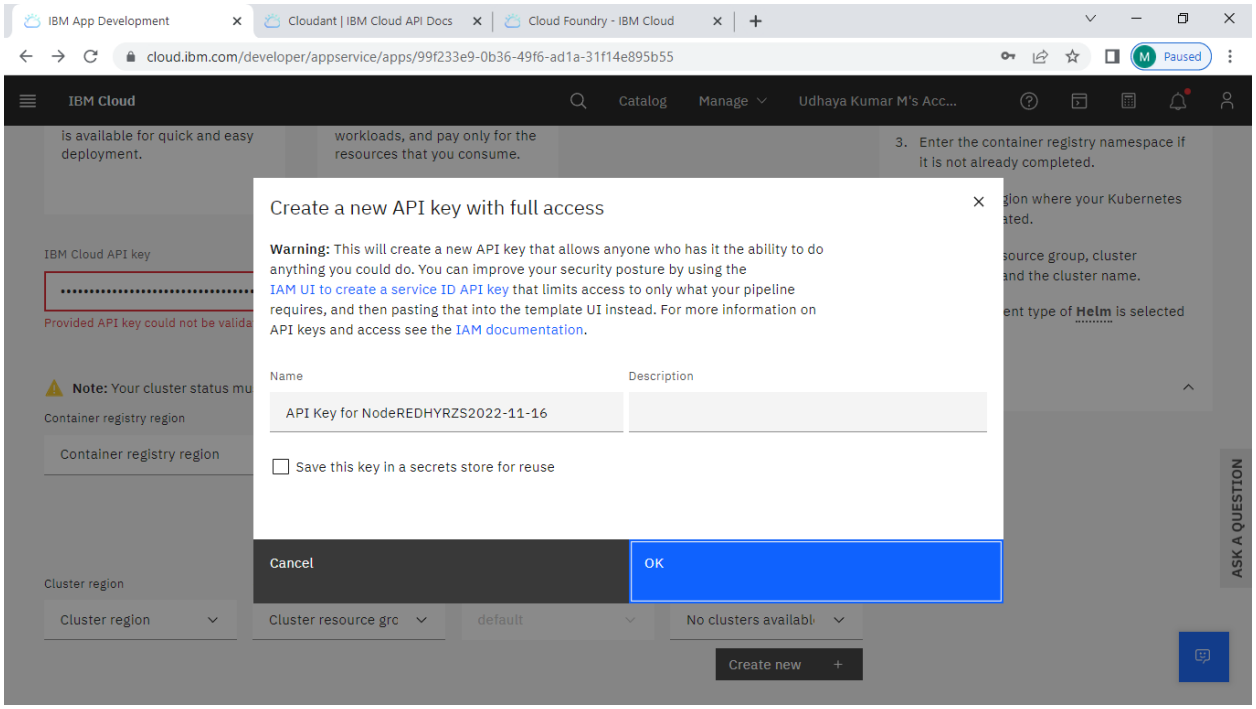
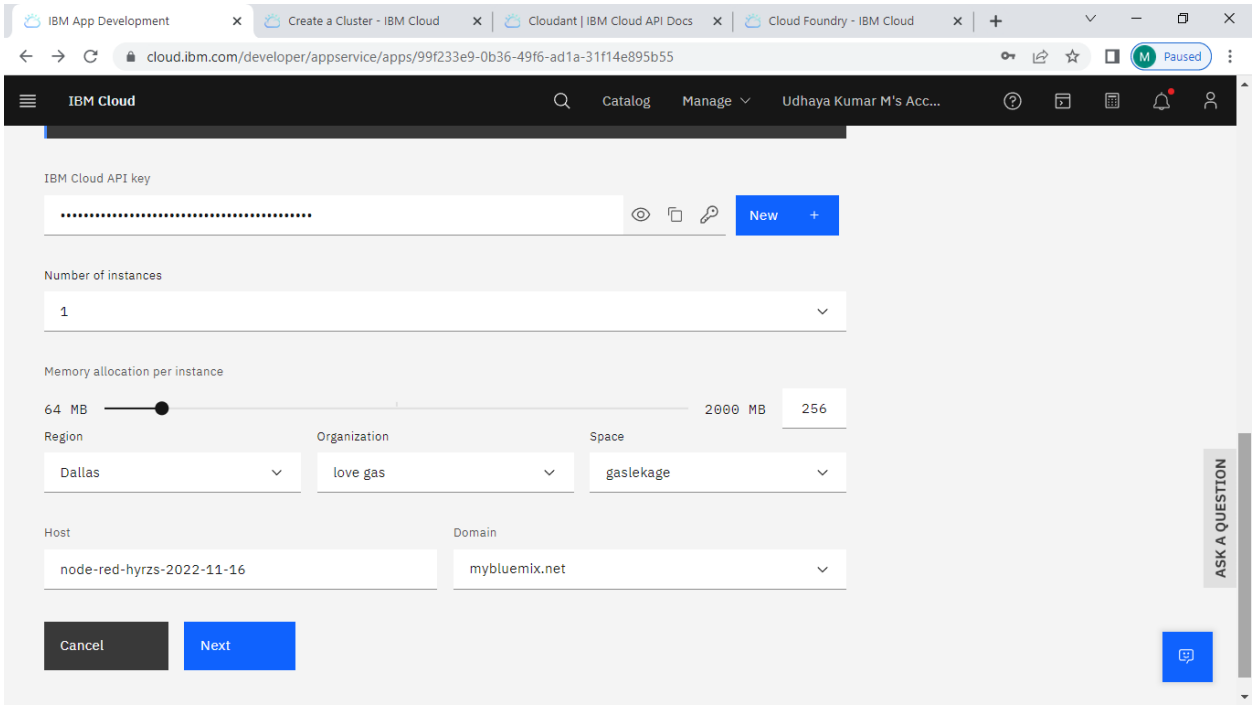
CREATE NODE-RED SERVICE

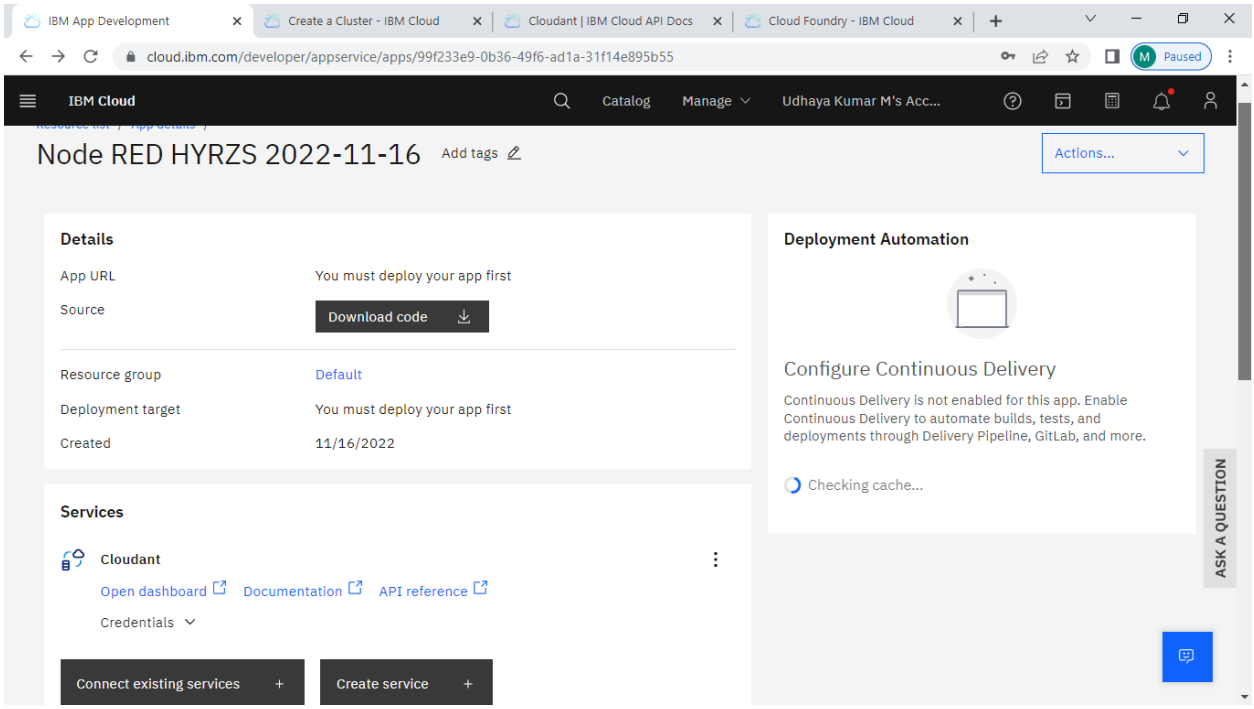
Team ID	PNT2022TMID44431
Project Name	Gas Leakage Monitoring and Alerting System

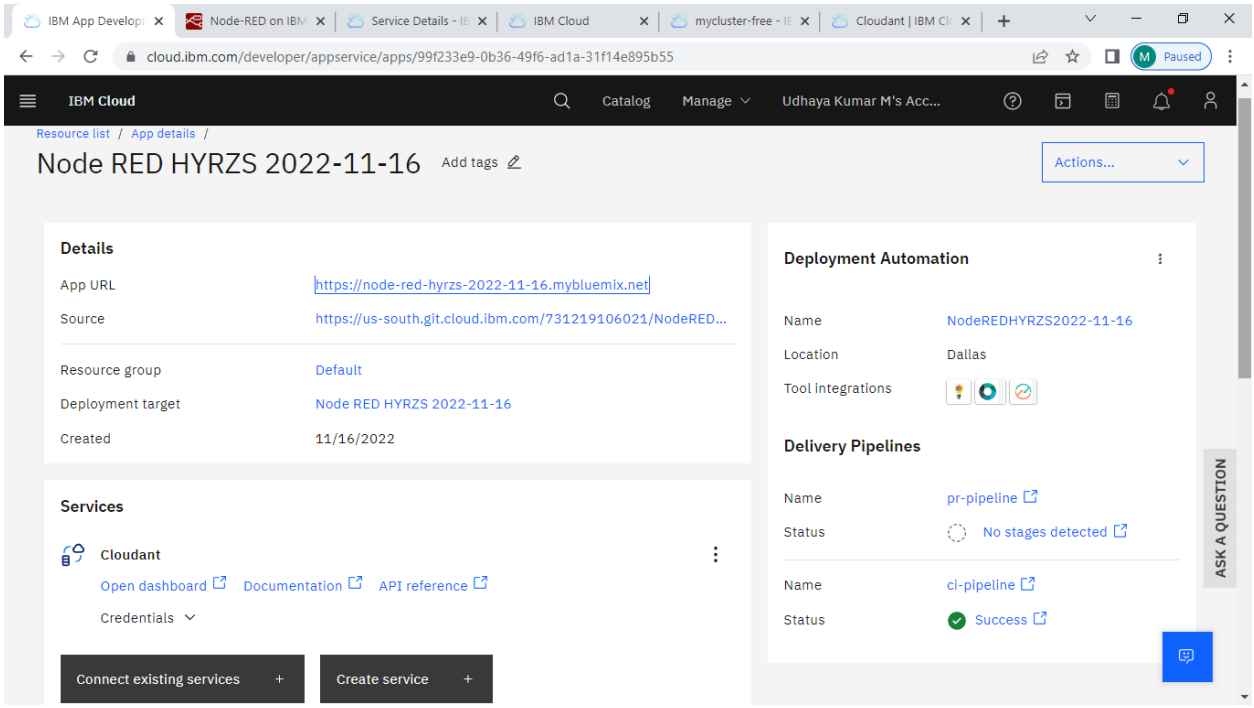


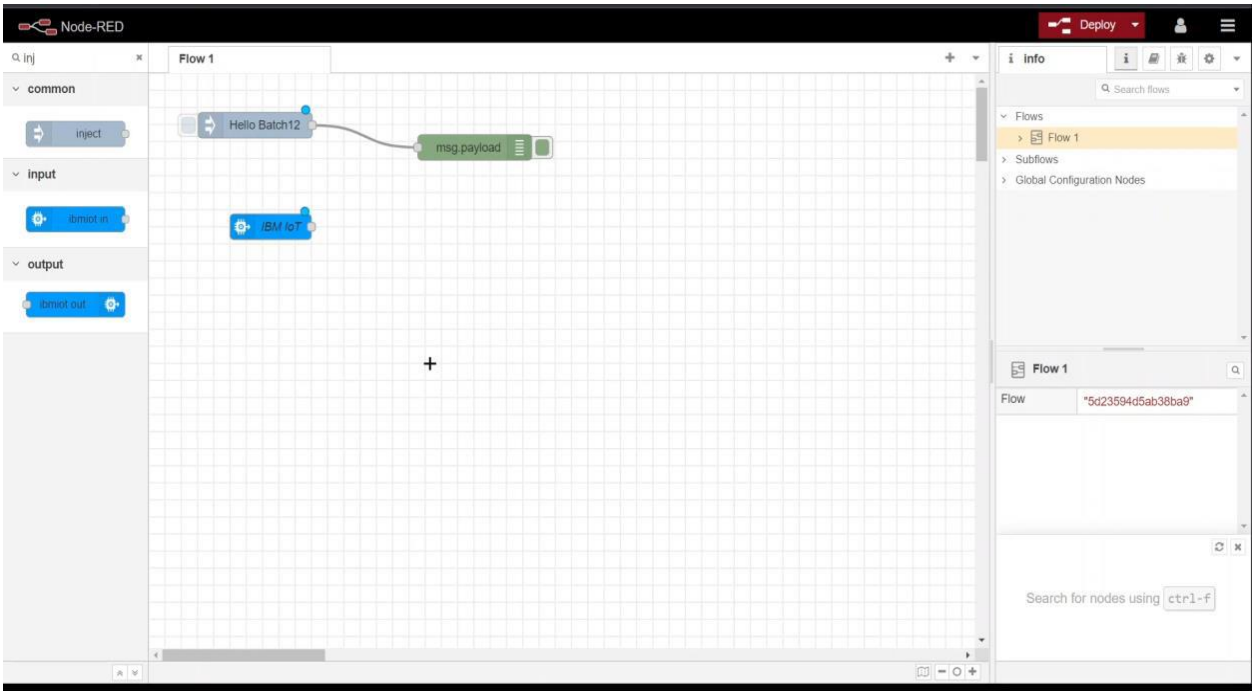


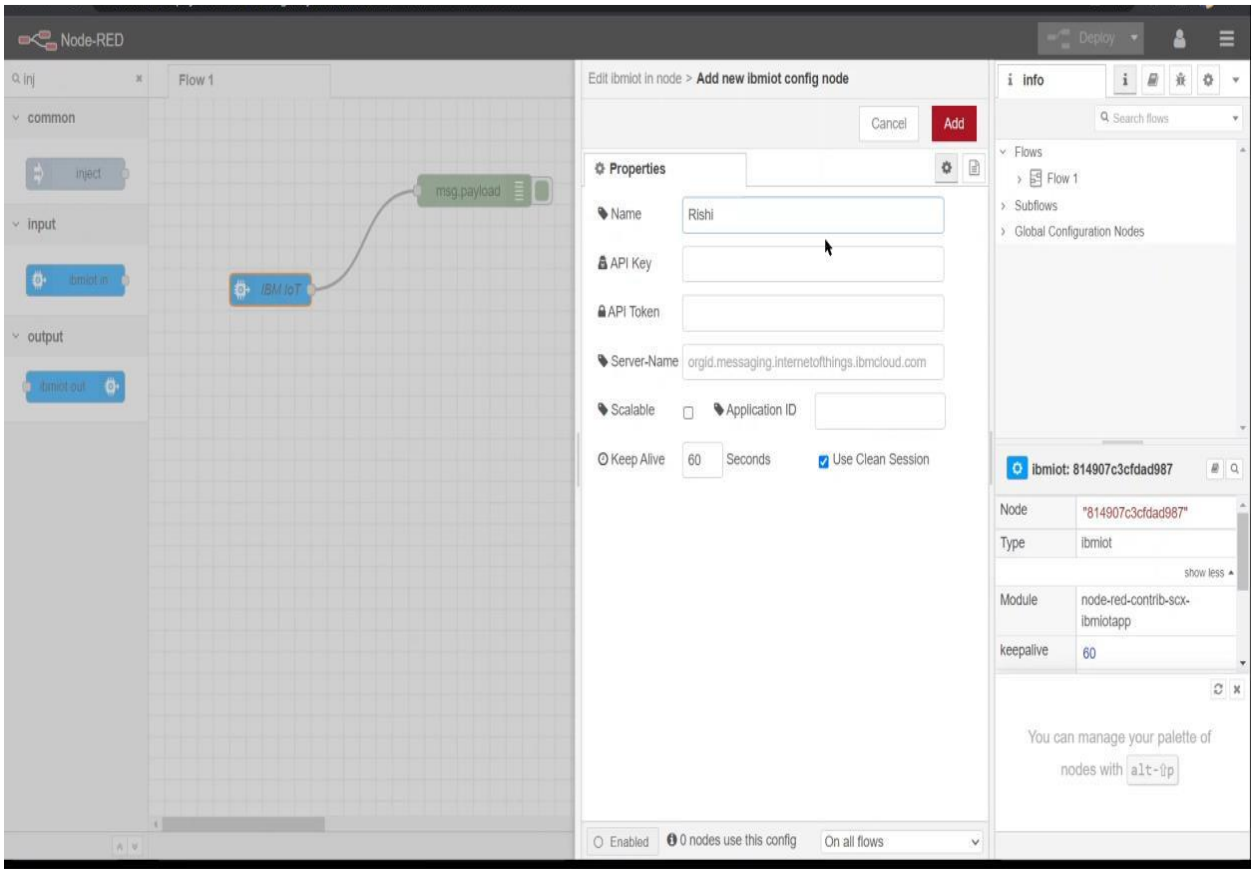

IBM App Development
Cloudant | IBM Cloud API Docs
Cloud Foundry - IBM Cloud
cloud.ibm.com/developer/appservice/apps/99f233e9-0b36-49f6-ad1a-31f14e895b55
Paused
IBM Cloud
Catalog
Manage
Udhaya Kumar M's Acc...
is available for quick and easy deployment.
workloads, and pay only for the resources that you consume.
3. Enter the container registry namespace if it is not already completed.
IBM Cloud API key
Provided API key could not be valida
Note: Your cluster status mu
Container registry region
Container registry region
Cluster region
Cluster region
Cluster resource grc
default
No clusters availabl
Create new
ASK A QUESTION
Create a new API key with full access
Warning: This will create a new API key that allows anyone who has it the ability to do anything you could do. You can improve your security posture by using the IAM UI to create a service ID API key that limits access to only what your pipeline requires, and then pasting that into the template UI instead. For more information on API keys and access see the IAM documentation.
Name
Description
API Key for NodeREDHYRZS2022-11-16
Save this key in a secrets store for reuse
Cancel
OK

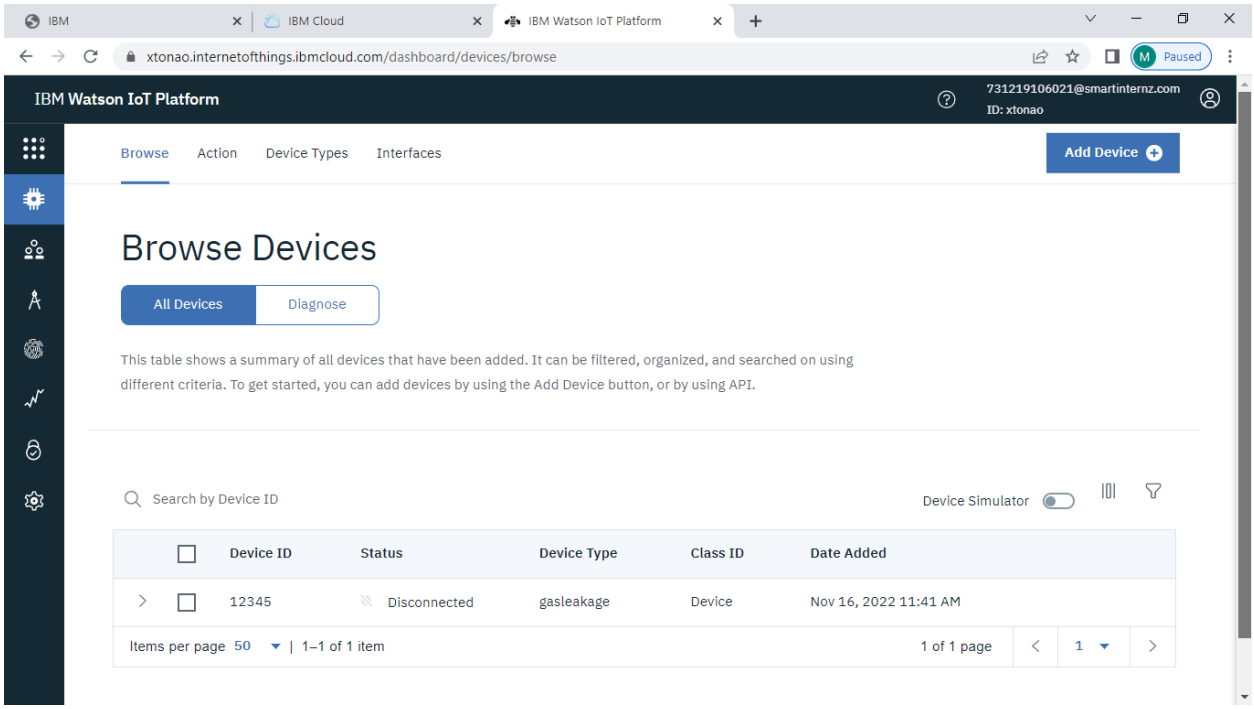

IBM App Development
Create a Cluster - IBM Cloud
Cloudant | IBM Cloud API Docs
Cloud Foundry - IBM Cloud
cloud.ibm.com/developer/appservice/apps/99f233e9-0b36-49f6-ad1a-31f14e895b55
Paused
IBM Cloud
Catalog
Manage
Udhaya Kumar M's Acc...
IBM Cloud API key
New
Number of instances
1
Memory allocation per instance
64 MB
2000 MB
256
Region
Organization
Space
Dallas
love gas
gaslekage
Host
Domain
node-red-hyrzs-2022-11-16
mybluemix.net
Cancel
Next
ASK A QUESTION

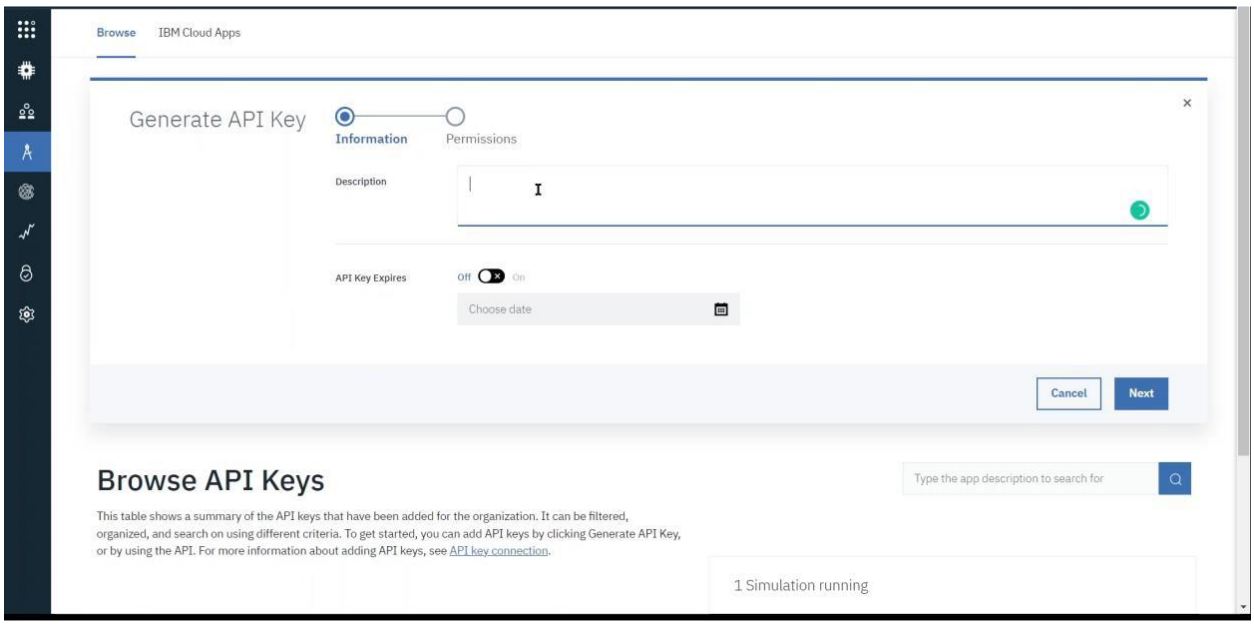

IBM App Development
Create a Cluster - IBM Cloud
Cloudant | IBM Cloud API Docs
Cloud Foundry - IBM Cloud
cloud.ibm.com/developer/appservice/apps/99f233e9-0b36-49f6-ad1a-31f14e895b55
Paused
IBM Cloud
Catalog
Manage
Udhaya Kumar M's Acc...
Node RED HYRZS 2022-11-16
Add tags
Actions...
Details
App URL
You must deploy your app first
Source
Download code
Resource group
Default
Deployment target
You must deploy your app first
Created
11/16/2022
Services
Cloudant
Open dashboard
Documentation
API reference
Credentials
Connect existing services
Create service
Deployment Automation
Configure Continuous Delivery
Continuous Delivery is not enabled for this app. Enable Continuous Delivery to automate builds, tests, and deployments through Delivery Pipeline, GitLab, and more.
Checking cache...
ASK A QUESTION

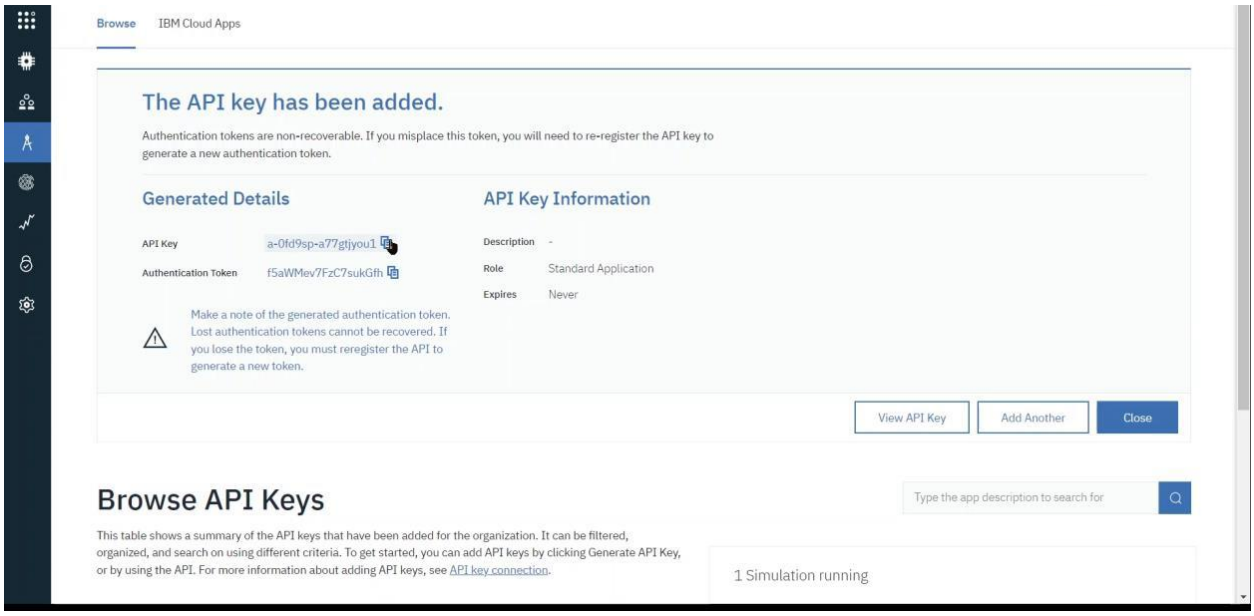

cloud.ibm.com/developer/appservice/apps/99f233e9-0b36-49f6-ad1a-31f14e895b55
Paused
IBM Cloud
Catalog
Manage
Udhaya Kumar M's Acc...
Resource list / App details /
Node RED HYRZS 2022-11-16
Add tags
Actions...
Details
App URL
https://node-red-hyrzs-2022-11-16.mybluemix.net
Source
https://us-south.git.cloud.ibm.com/731219106021/NodeRED...
Resource group
Default
Deployment target
Node RED HYRZS 2022-11-16
Created
11/16/2022
Services
Cloudant
Open dashboard
Documentation
API reference
Credentials
Connect existing services
Create service
Deployment Automation
Name
NodeREDHYRZS2022-11-16
Location
Dallas
Tool integrations
Delivery Pipelines
Name
pr-pipeline
Status
No stages detected
Name
ci-pipeline
Status
Success
ASK A QUESTION

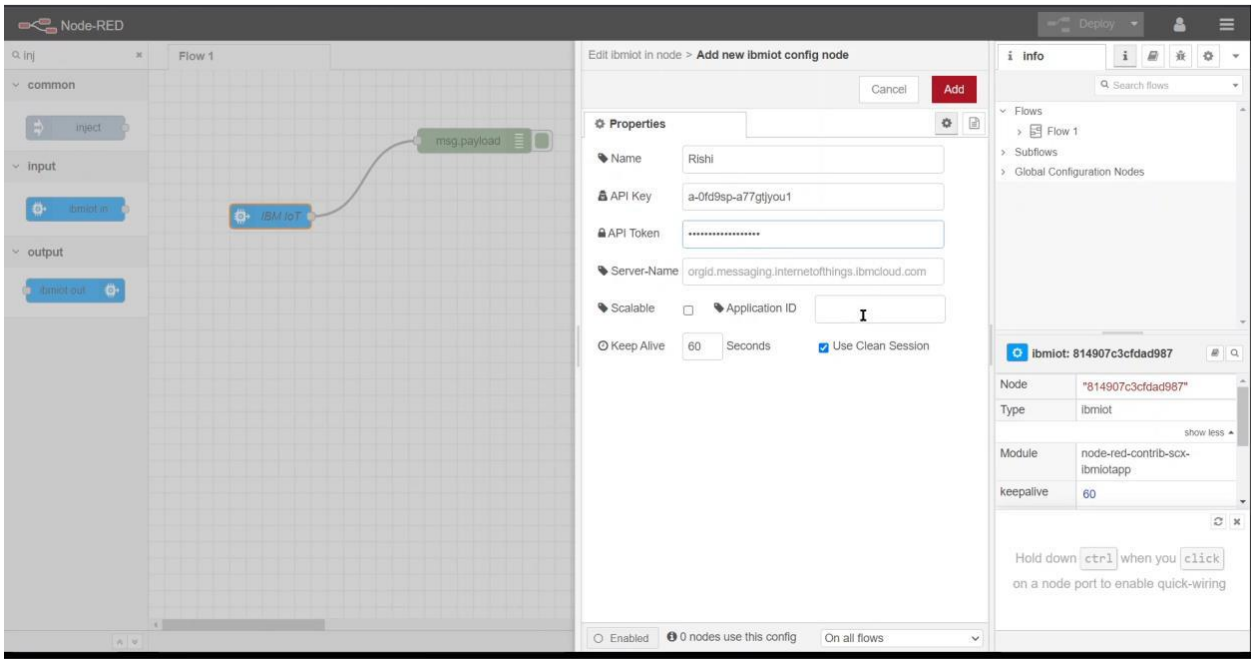

Node-RED
Deploy
inj
common
inject
input
ibmiot in
output
ibmiot out
Flow 1
Hello Batch12
msg.payload
IBM IoT
info
Search flows
Flows
Flow 1
Subflows
Global Configuration Nodes
Flow 1
Flow
"5d23594d5ab38ba9"
Search for nodes using ctrl-f

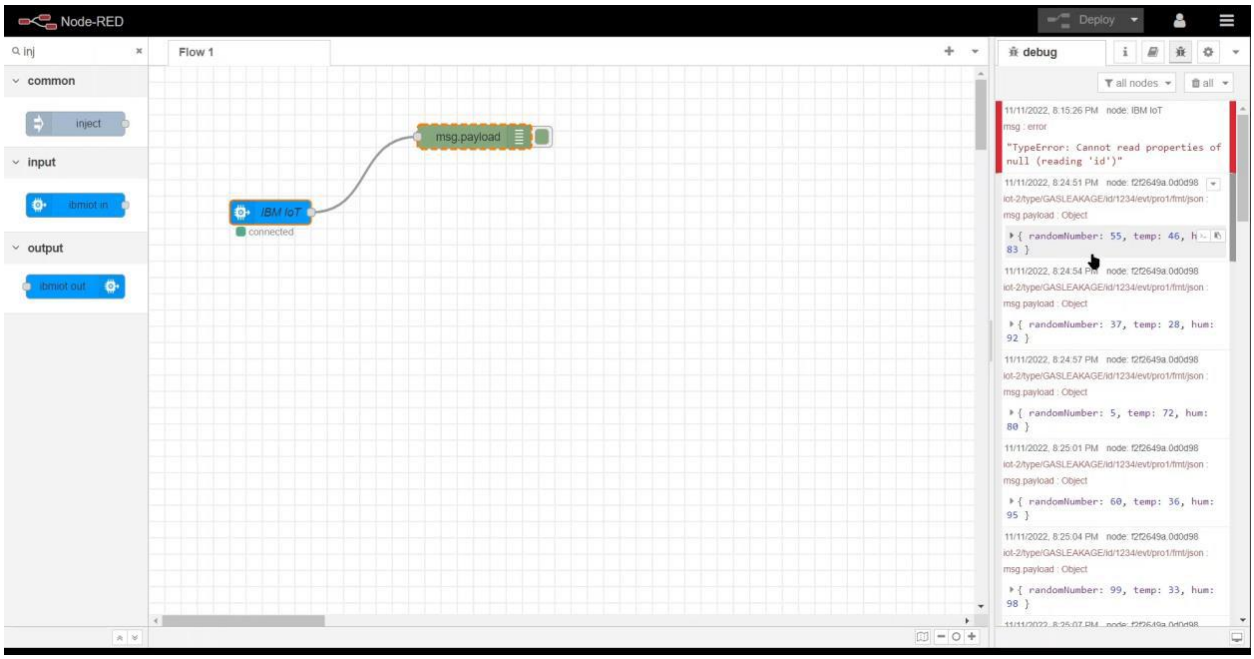

Node-RED
Deploy
inj
common
inject
input
ibmiot in
output
ibmiot out
Flow 1
msg.payload
IBM IoT
Edit ibmiot in node > Add new ibmiot config node
Cancel
Add
Properties
Name
Rishi
API Key
API Token
Server-Name
orgid.messaging.internetofthings.ibmcloud.com
Scalable
Application ID
Keep Alive
60
Seconds
Use Clean Session
Enabled
0 nodes use this config
On all flows
info
Search flows
Flows
Flow 1
Subflows
Global Configuration Nodes
ibmiot: 814907c3cfdad987
Node
"814907c3cfdad987"
Type
ibmiot
show less
Module
node-red-contrib-scx-ibmiotapp
keepalive
60
You can manage your palette of nodes with alt-⇧p


IBM
IBM Cloud
IBM Watson IoT Platform
xtonao.internetofthings.ibmcloud.com/dashboard/devices/browse
Paused
IBM Watson IoT Platform
731219106021@smartinternz.com
ID: xtonao
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
Device ID
Status
Device Type
Class ID
Date Added
12345
Disconnected
gasleakage
Device
Nov 16, 2022 11:41 AM
Items per page 50
1–1 of 1 item
1 of 1 page
1


Browse
IBM Cloud Apps
Generate API Key
Information
Permissions
Description
API Key Expires
Off
On
Choose date
Cancel
Next
Browse API Keys
This table shows a summary of the API keys that have been added for the organization. It can be filtered, organized, and search on using different criteria. To get started, you can add API keys by clicking Generate API Key, or by using the API. For more information about adding API keys, see API key connection.
Type the app description to search for
1 Simulation running


Browse
IBM Cloud Apps
The API key has been added.
Authentication tokens are non-recoverable. If you misplace this token, you will need to re-register the API key to generate a new authentication token.
Generated Details
API Key
a-0fd9sp-a77gtjyou1
Authentication Token
f5aWMev7FzC7sukGfh
Make a note of the generated authentication token. Lost authentication tokens cannot be recovered. If you lose the token, you must reregister the API to generate a new token.
API Key Information
Description
-
Role
Standard Application
Expires
Never
View API Key
Add Another
Close
Browse API Keys
Type the app description to search for
This table shows a summary of the API keys that have been added for the organization. It can be filtered, organized, and search on using different criteria. To get started, you can add API keys by clicking Generate API Key, or by using the API. For more information about adding API keys, see API key connection.
1 Simulation running


Node-RED
Deploy
Flow 1
common
inject
input
ibmiot in
output
ibmiot out
msg.payload
IBM IoT
Edit ibmiot in node > Add new ibmiot config node
Cancel
Add
Properties
Name
Rishi
API Key
a-0fd9sp-a77gtjyou1
API Token
Server-Name
orgid.messaging.internetofthings.ibmcloud.com
Scalable
Application ID
Keep Alive
60
Seconds
Use Clean Session
Enabled
0 nodes use this config
On all flows
info
Search flows
Flows
Flow 1
Subflows
Global Configuration Nodes
ibmiot: 814907c3cfdad987
Node
"814907c3cfdad987"
Type
ibmiot
show less
Module
node-red-contrib-scx-ibmiotapp
keepalive
60
Hold down ctrl when you click on a node port to enable quick-wiring


Node-RED
Deploy
inj
Flow 1
common
inject
input
ibmiot in
output
ibmiot out
msg.payload
IBM IoT
connected
debug
all nodes
all
11/11/2022, 8:15:26 PM node: IBM IoT
msg : error
"TypeError: Cannot read properties of null (reading 'id')"
11/11/2022, 8:24:51 PM node: f2f2649a.0d0d98
iot-2/type/GASLEAKAGE/id/1234/evt/pro1/fmt/json : msg.payload : Object
{ randomNumber: 55, temp: 46, h
83 }
11/11/2022, 8:24:54 PM node: f2f2649a.0d0d98
iot-2/type/GASLEAKAGE/id/1234/evt/pro1/fmt/json : msg.payload : Object
{ randomNumber: 37, temp: 28, hum:
92 }
11/11/2022, 8:24:57 PM node: f2f2649a.0d0d98
iot-2/type/GASLEAKAGE/id/1234/evt/pro1/fmt/json : msg.payload : Object
{ randomNumber: 5, temp: 72, hum:
80 }
11/11/2022, 8:25:01 PM node: f2f2649a.0d0d98
iot-2/type/GASLEAKAGE/id/1234/evt/pro1/fmt/json : msg.payload : Object
{ randomNumber: 60, temp: 36, hum:
95 }
11/11/2022, 8:25:04 PM node: f2f2649a.0d0d98
iot-2/type/GASLEAKAGE/id/1234/evt/pro1/fmt/json : msg.payload : Object
{ randomNumber: 99, temp: 33, hum:
98 }