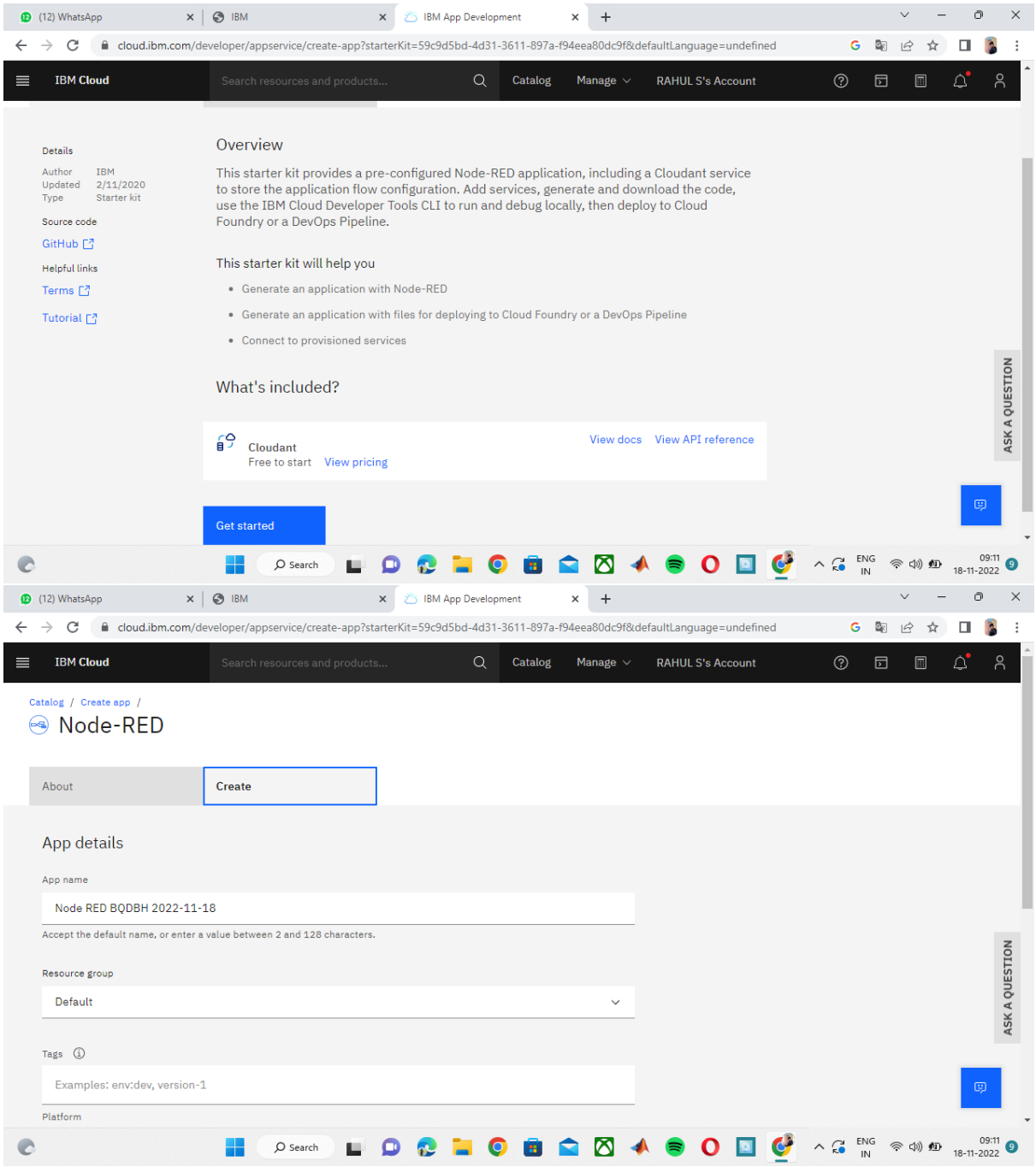
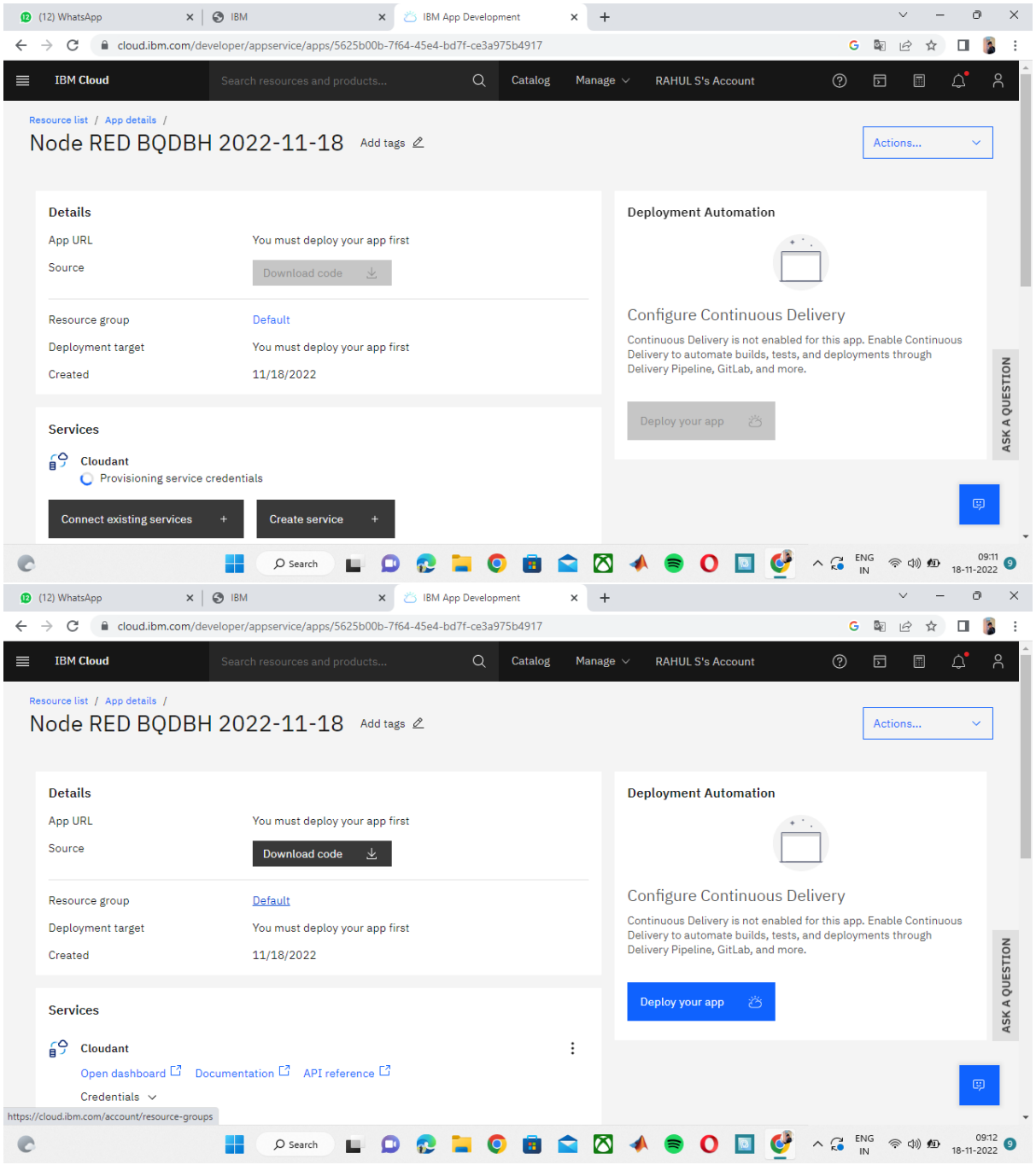
CREATING NODE-RED SERVICE

TEAM ID	PNT2022TMID02509
PROJECT NAME	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES




(12) WhatsApp
IBM
IBM App Development
cloud.ibm.com/developer/appservice/apps/5625b00b-7f64-45e4-bd7f-ce3a975b4917
IBM Cloud
Search resources and products...
Catalog
Manage
RAHUL S's Account
Resource list / App details /
Node RED BQDBH 2022-11-18
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
11/18/2022
Services
Cloudant
Provisioning service 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.
Deploy your app
ASK A QUESTION
Search
ENG
IN
09:11
18-11-2022

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11/18/2022
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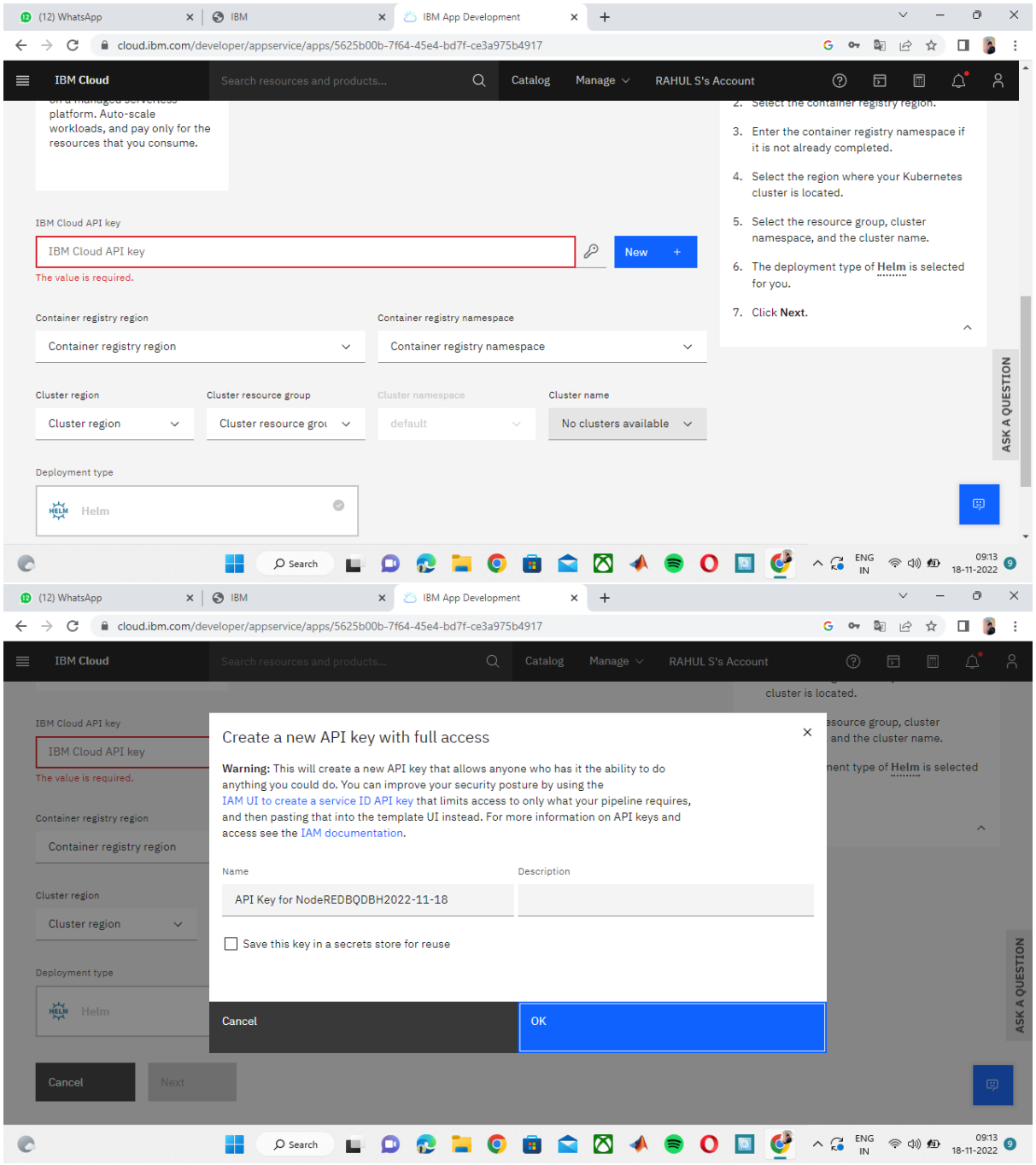
Cloudant
Open dashboard
Documentation
API reference
Credentials
Deployment Automation
Configure Continuous Delivery
Continuous Delivery is not enabled for this app. Enable Continuous Delivery to automate builds, tests, and deployments through Delivery Pipeline, GitLab, and more.
Deploy your app
ASK A QUESTION
https://cloud.ibm.com/account/resource-groups
Search
ENG
IN
09:12
18-11-2022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cloud.ibm.com/developer/appservice/apps/5625b00b-7f64-45e4-bd7f-ce3a975b4917
IBM Cloud
Search resources and products...
Catalog
Manage
RAHUL S's Account
platform. Auto-scale workloads, and pay only for the resources that you consume.
IBM Cloud API key
IBM Cloud API key
New
The value is required.
Container registry region
Container registry region
Container registry namespace
Container registry namespace
Cluster region
Cluster region
Cluster resource group
Cluster resource grou
Cluster namespace
default
Cluster name
No clusters available
Deployment type
Helm
3. Enter the container registry namespace if it is not already completed.
4. Select the region where your Kubernetes cluster is located.
5. Select the resource group, cluster namespace, and the cluster name.
6. The deployment type of Helm is selected for you.
7. Click Next.
ASK A QUESTION
Search
ENG IN
09:13 18-11-2022

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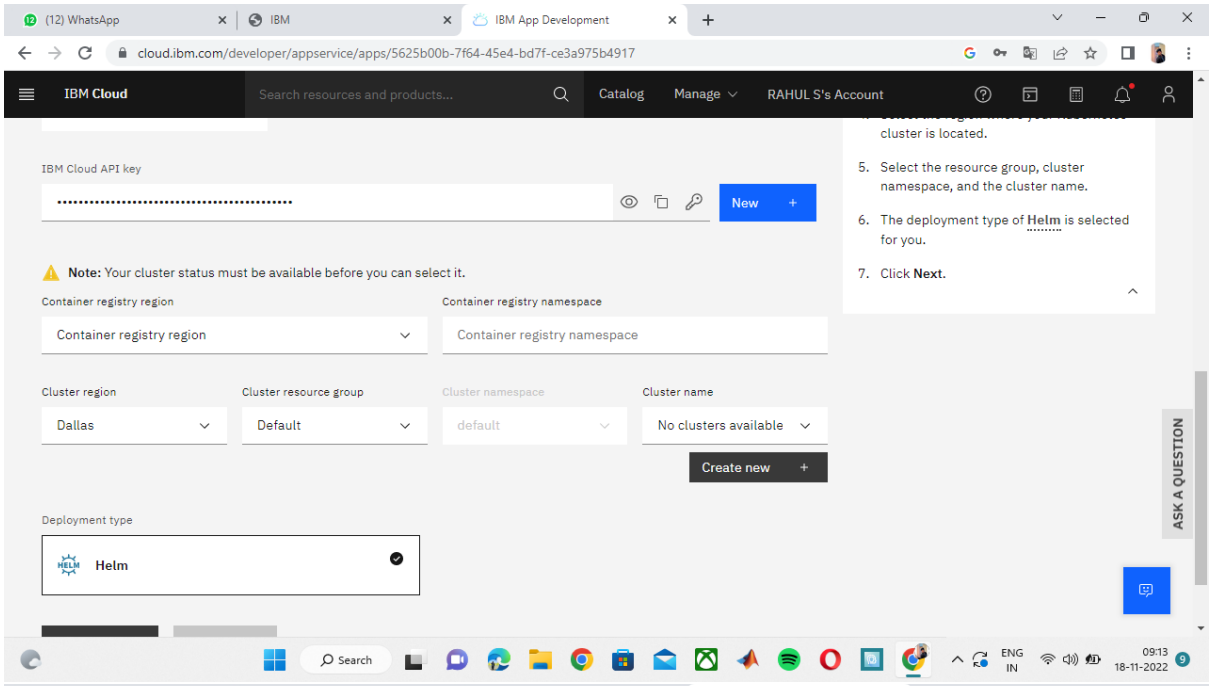
IBM
IBM App Development
cloud.ibm.com/developer/appservice/apps/5625b00b-7f64-45e4-bd7f-ce3a975b4917
IBM Cloud
Search resources and products...
Catalog
Manage
RAHUL S's Account
IBM Cloud API key
IBM Cloud API key
The value is required.
Container registry region
Container registry region
Cluster region
Cluster region
Deployment type
Helm
Cancel
Next
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
API Key for NodeREDBQDBH2022-11-18
Description
Save this key in a secrets store for reuse
Cancel
OK
ASK A QUESTION
Search
ENG IN
09:13 18-11-2022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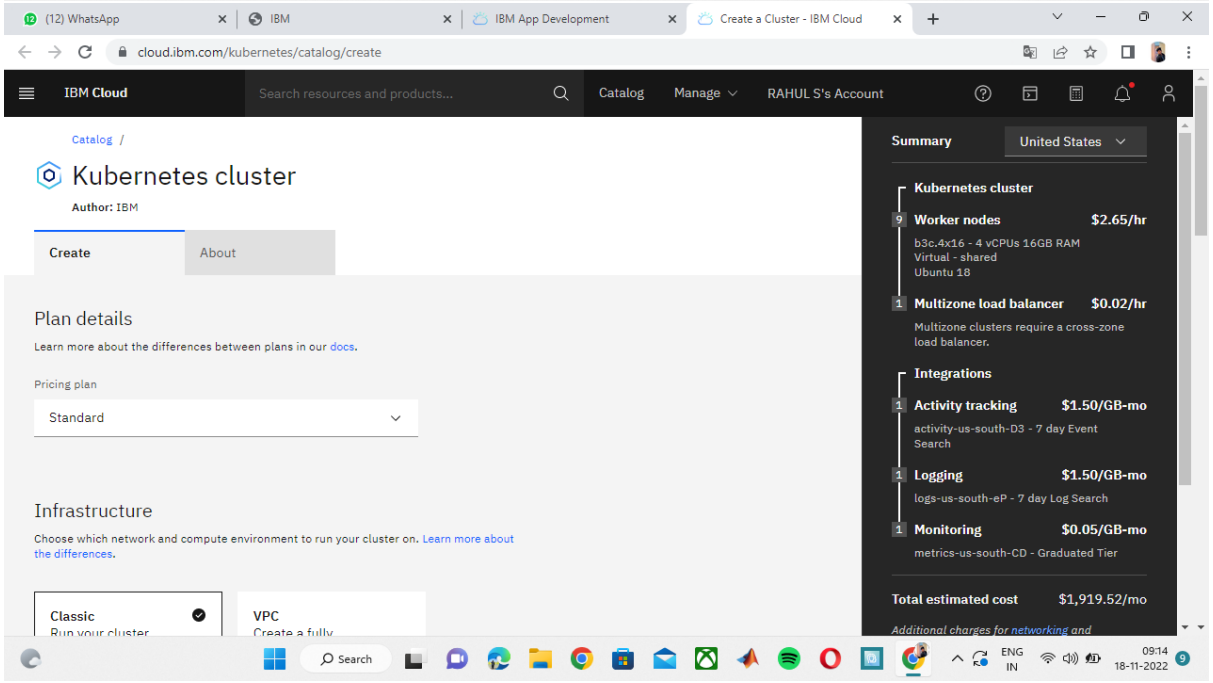
IBM
IBM App Development
cloud.ibm.com/developer/appservice/apps/5625b00b-7f64-45e4-bd7f-ce3a975b4917
IBM Cloud
Search resources and products...
Catalog
Manage
RAHUL S's Account
cluster is located.
5. Select the resource group, cluster namespace, and the cluster name.
6. The deployment type of Helm is selected for you.
7. Click Next.
IBM Cloud API key
New
Note: Your cluster status must be available before you can select it.
Container registry region
Container registry namespace
Cluster region
Cluster resource group
Cluster namespace
Cluster name
Dallas
Default
default
No clusters available
Create new
Deployment type
Helm
ASK A QUESTION
Search
ENG
IN
09:13
18-11-2022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IBM
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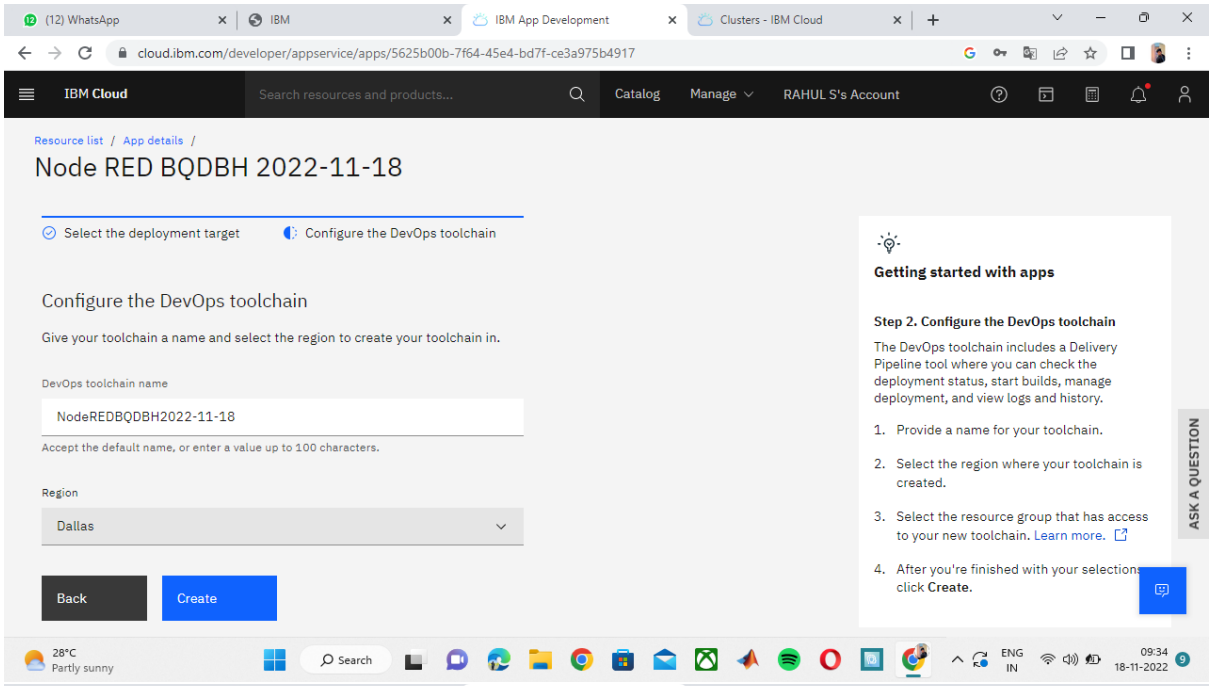
Create a Cluster - IBM Cloud
cloud.ibm.com/kubernetes/catalog/create
IBM Cloud
Search resources and products...
Catalog
Manage
RAHUL S's Account
Catalog /
Kubernetes cluster
Author: IBM
Create
About
Plan details
Learn more about the differences between plans in our docs.
Pricing plan
Standard
Infrastructure
Choose which network and compute environment to run your cluster on. Learn more about the differences.
Classic
VPC
Summary
United States
Kubernetes cluster
9 Worker nodes $2.65/hr
b3c.4x16 - 4 vCPUs 16GB RAM
Virtual - shared
Ubuntu 18
1 Multizone load balancer $0.02/hr
Multizone clusters require a cross-zone load balancer.
Integrations
1 Activity tracking $1.50/GB-mo
activity-us-south-D3 - 7 day Event Search
1 Logging $1.50/GB-mo
logs-us-south-eP - 7 day Log Search
1 Monitoring $0.05/GB-mo
metrics-us-south-CD - Graduated Tier
Total estimated cost $1,919.52/mo
Additional charges for networking and
Search
ENG
IN
09:14
18-11-2022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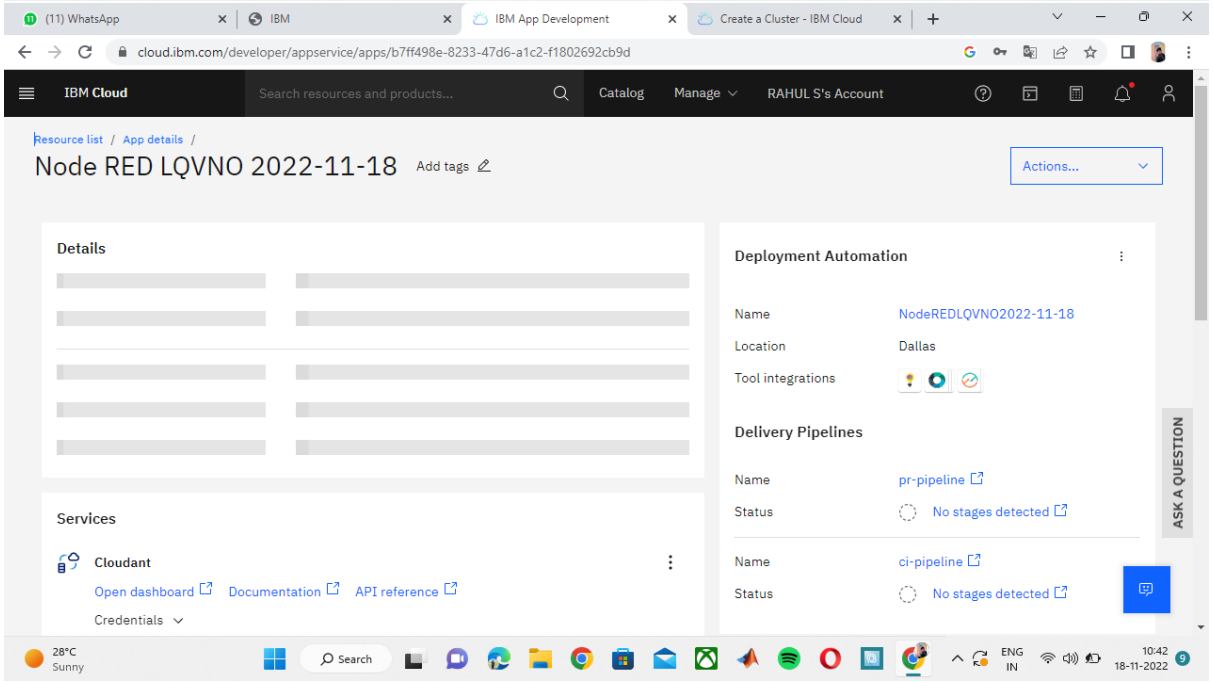
IBM
IBM App Development
Clusters - IBM Cloud
cloud.ibm.com/developer/appservice/apps/5625b00b-7f64-45e4-bd7f-ce3a975b4917
IBM Cloud
Search resources and products...
Catalog
Manage
RAHUL S's Account
Resource list / App details /
Node RED BQDBH 2022-11-18
Select the deployment target
Configure the DevOps toolchain
Configure the DevOps toolchain
Give your toolchain a name and select the region to create your toolchain in.
DevOps toolchain name
NodeREDBQDBH2022-11-18
Accept the default name, or enter a value up to 100 characters.
Region
Dallas
Back
Create
Getting started with apps
Step 2. Configure the DevOps toolchain
The DevOps toolchain includes a Delivery Pipeline tool where you can check the deployment status, start builds, manage deployment, and view logs and history.
1. Provide a name for your toolchain.
2. Select the region where your toolchain is created.
3. Select the resource group that has access to your new toolchain. Learn more.
4. After you're finished with your selections, click Create.
ASK A QUESTION
28°C
Partly sunny
Search
ENG
IN
09:34
18-11-2022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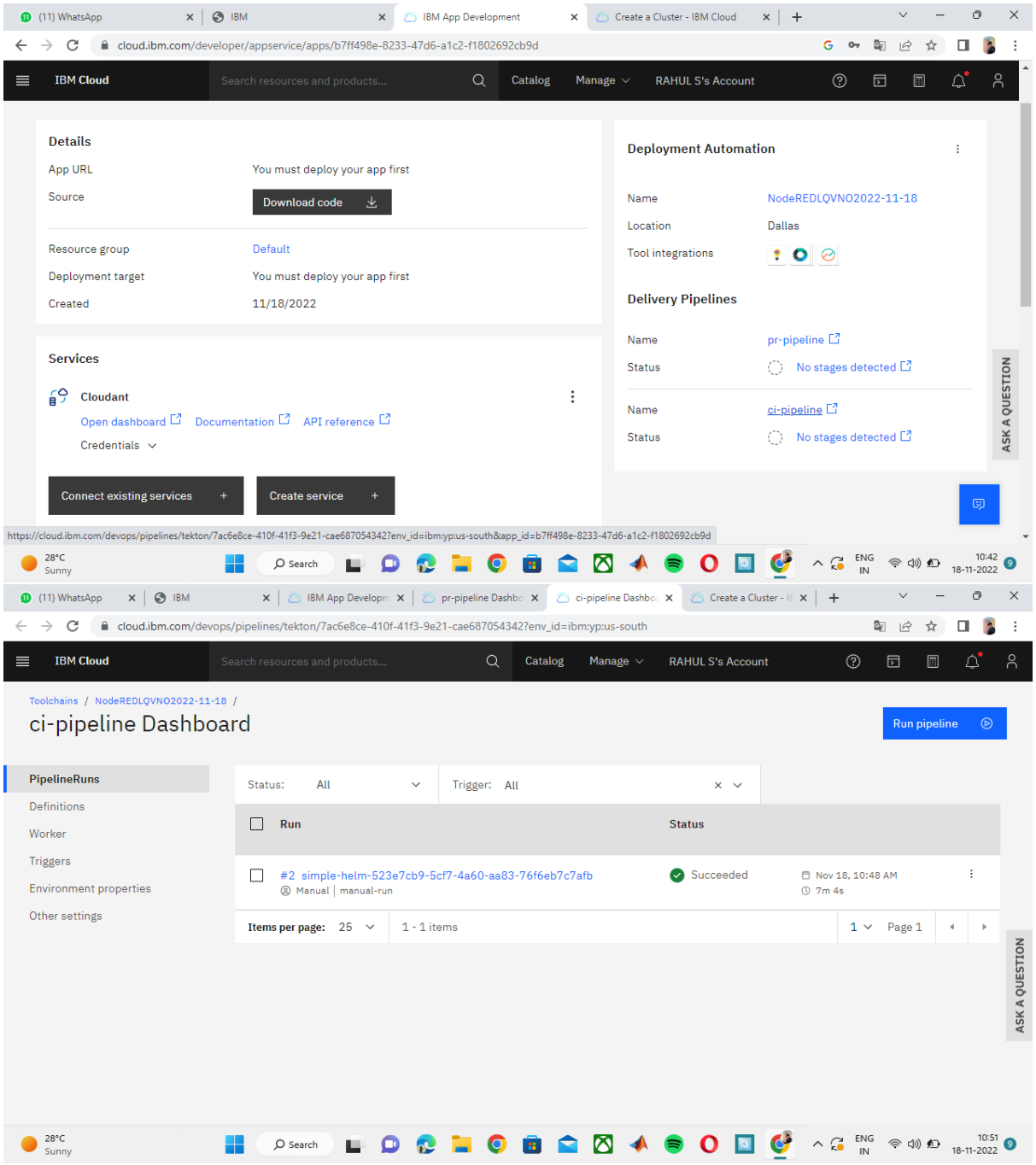
Create a Cluster - IBM Cloud
cloud.ibm.com/developer/appservice/apps/b7ff498e-8233-47d6-a1c2-f1802692cb9d
IBM Cloud
Search resources and products...
Catalog
Manage
RAHUL S's Account
Resource list / App details /
Node RED LQVNO 2022-11-18
Add tags
Actions...
Details
Deployment Automation
Name
NodeREDLQVNO2022-11-18
Location
Dallas
Tool integrations
Delivery Pipelines
Name
pr-pipeline
Status
No stages detected
Name
ci-pipeline
Status
No stages detected
Services
Cloudant
Open dashboard
Documentation
API reference
Credentials
ASK A QUESTION
28°C
Sunny
Search
ENG
IN
10:42
18-11-2022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cloud.ibm.com/developer/appservice/apps/b7ff498e-8233-47d6-a1c2-f1802692cb9d
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App URL
You must deploy your app first
Source
Download code
Resource group
Default
Deployment target
You must deploy your app first
Created
11/18/2022
Services
Cloudant
Open dashboard
Documentation
API reference
Credentials
Connect existing services
Create service
Deployment Automation
Name
NodeREDLQVNO2022-11-18
Location
Dallas
Tool integrations
Delivery Pipelines
Name
pr-pipeline
Status
No stages detected
Name
ci-pipeline
Status
No stages detected
ASK A QUESTION
https://cloud.ibm.com/devops/pipelines/tekton/7ac6e8ce-410f-41f3-9e21-cae687054342?env_id=ibm:yp:us-south&app_id=b7ff498e-8233-47d6-a1c2-f1802692cb9d
28°C
Sunny
Search
ENG
IN
10:42
18-11-2022

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IBM
IBM App Developm
pr-pipeline Dashbo
ci-pipeline Dashbo
Create a Cluster - I
cloud.ibm.com/devops/pipelines/tekton/7ac6e8ce-410f-41f3-9e21-cae687054342?env_id=ibm:yp:us-south
IBM Cloud
Search resources and products...
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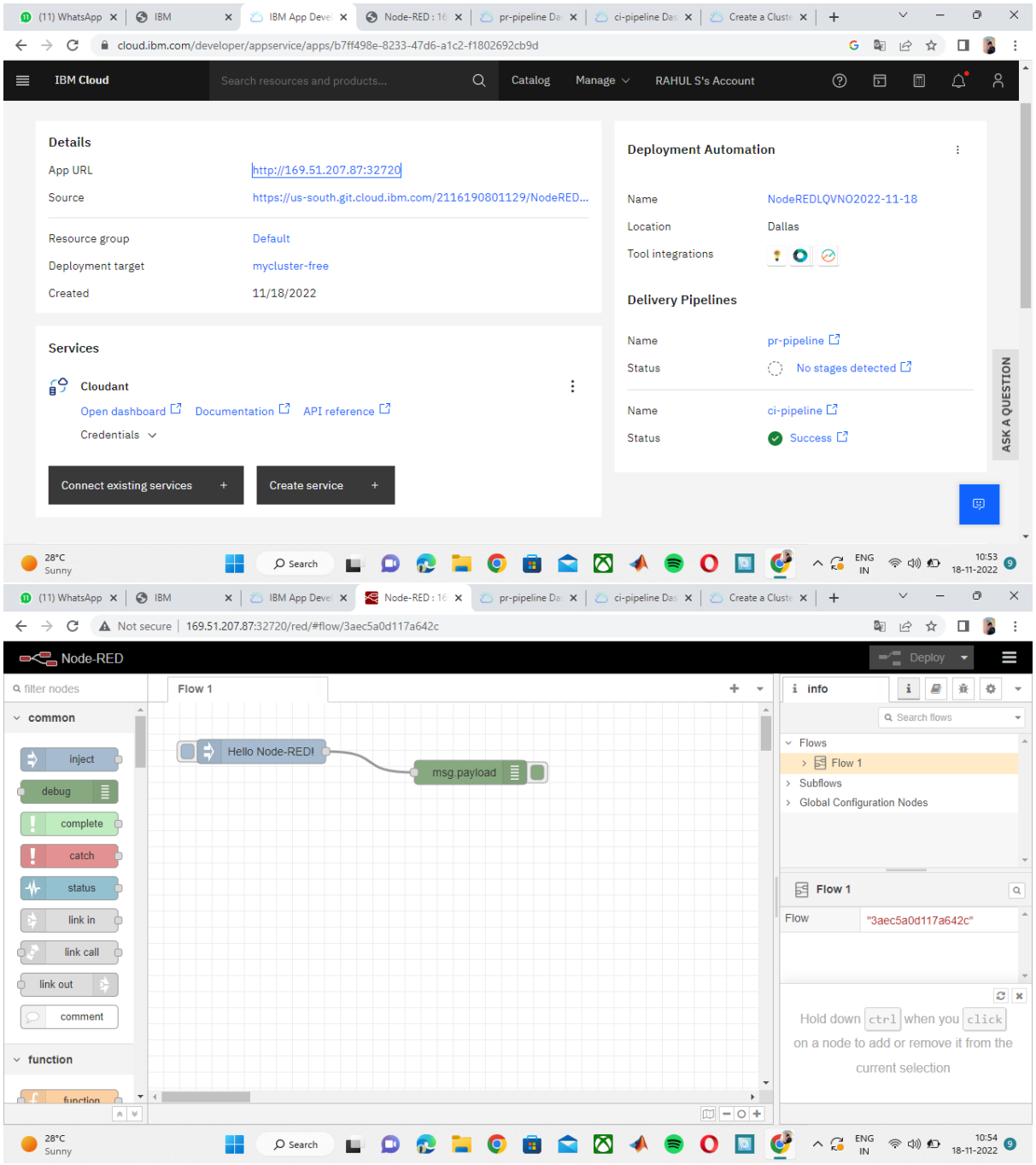
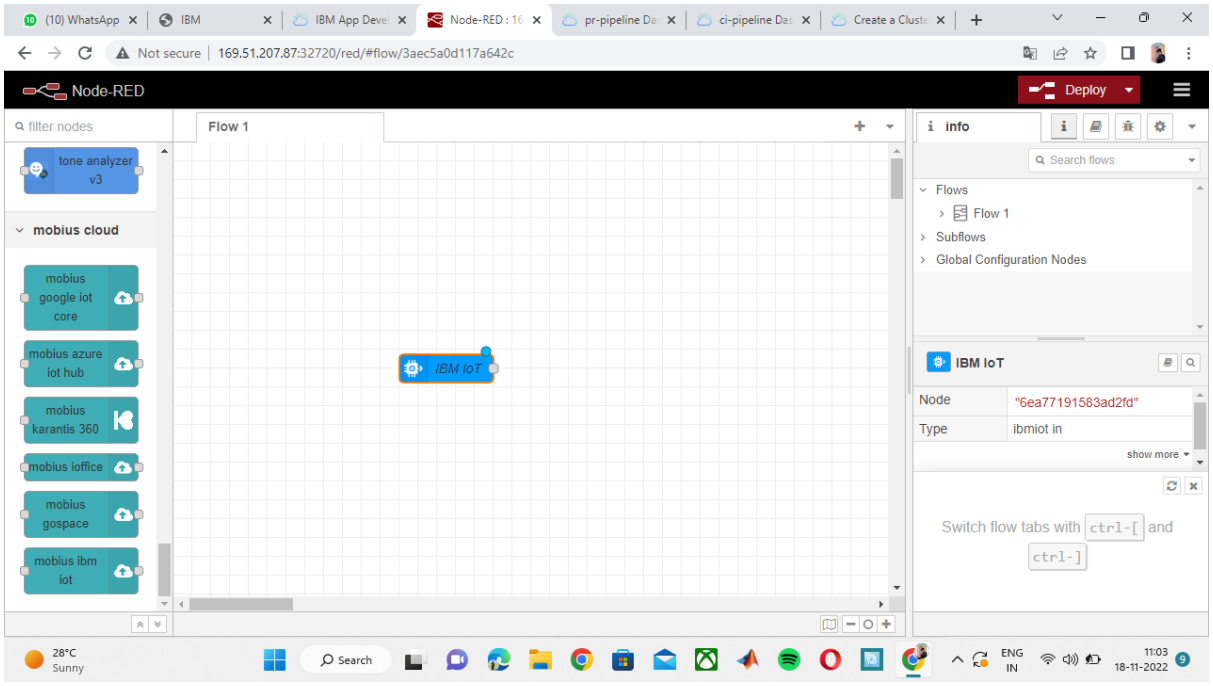
RAHUL S's Account
Toolchains / NodeREDLQVNO2022-11-18 /
ci-pipeline Dashboard
Run pipeline
PipelineRuns
Definitions
Worker
Triggers
Environment properties
Other settings
Status: All
Trigger: All
Run
Status
#2 simple-helm-523e7cb9-5cf7-4a60-aa83-76f6eb7c7afb
Manual | manual-run
Succeeded
Nov 18, 10:48 AM
7m 4s
Items per page: 25
1 - 1 items
1
Page 1
ASK A QUESTION
28°C
Sunny
Search
ENG
IN
10:51
18-11-2022


IBM Cloud
Search resources and products...
Catalog
Manage
RAHUL S's Account
Details
App URL
http://169.51.207.87:32720
Source
https://us-south.git.cloud.ibm.com/2116190801129/NodeRED...
Resource group
Default
Deployment target
mycluster-free
Created
11/18/2022
Services
Cloudant
Open dashboard
Documentation
API reference
Credentials
Connect existing services
Create service
Deployment Automation
Name
NodeREDLQVNO2022-11-18
Location
Dallas
Tool integrations
Delivery Pipelines
Name
pr-pipeline
Status
No stages detected
Name
ci-pipeline
Status
Success
ASK A QUESTION

Not secure
169.51.207.87:32720/red/#flow/3aec5a0d117a642c
Node-RED
Deploy
filter nodes
Flow 1
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
Hello Node-RED!
msg.payload
info
Search flows
Flows
Flow 1
Subflows
Global Configuration Nodes
Flow 1
Flow
"3aec5a0d117a642c"
Hold down ctrl when you click on a node to add or remove it from the current selection



NODE RED SERVICE SUCCESSFULLY CREATED.