Create Node Red service

Team ID	PNT2022TMID20896
Project Name	Project – Smart Waste Management For Metropolitan Cities

STEPS FOR CREATING NODE RED SERVICE:

Step 1: Login into IBM CLOUD account

Step2: In catalog, search for node red application

Step 3: Enter the project details and click on create

Step 4: click on deploy option and deploy

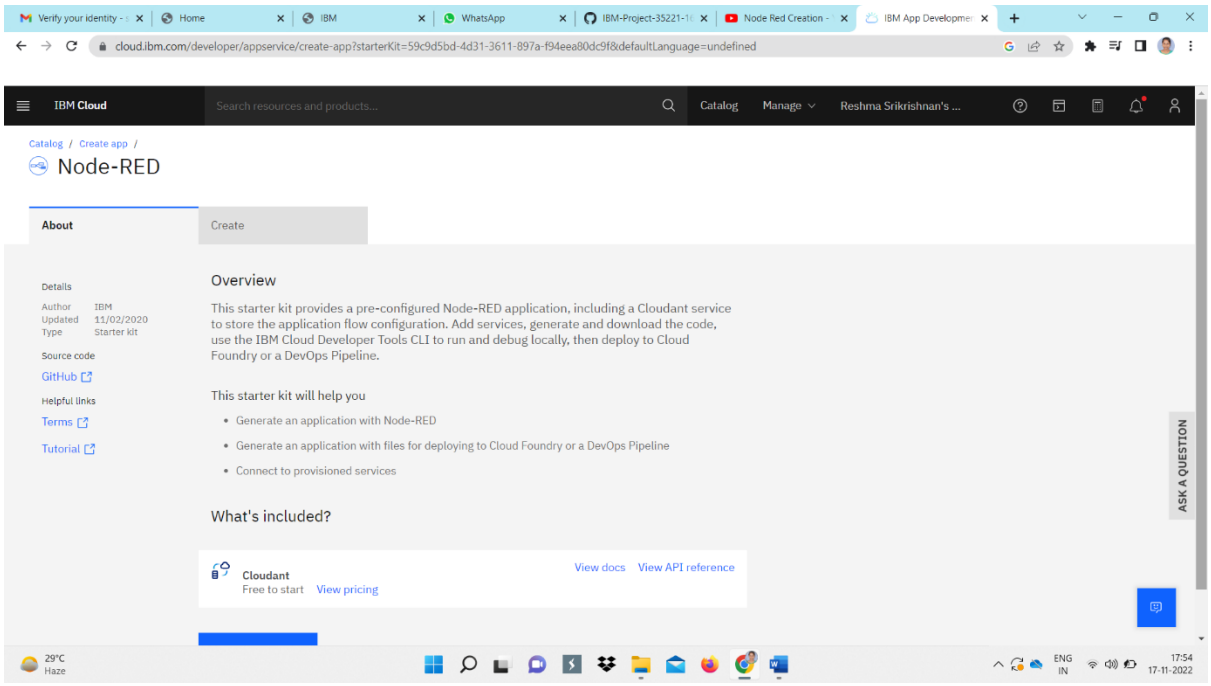
Step 5: Set up the environment for deploying and click on create

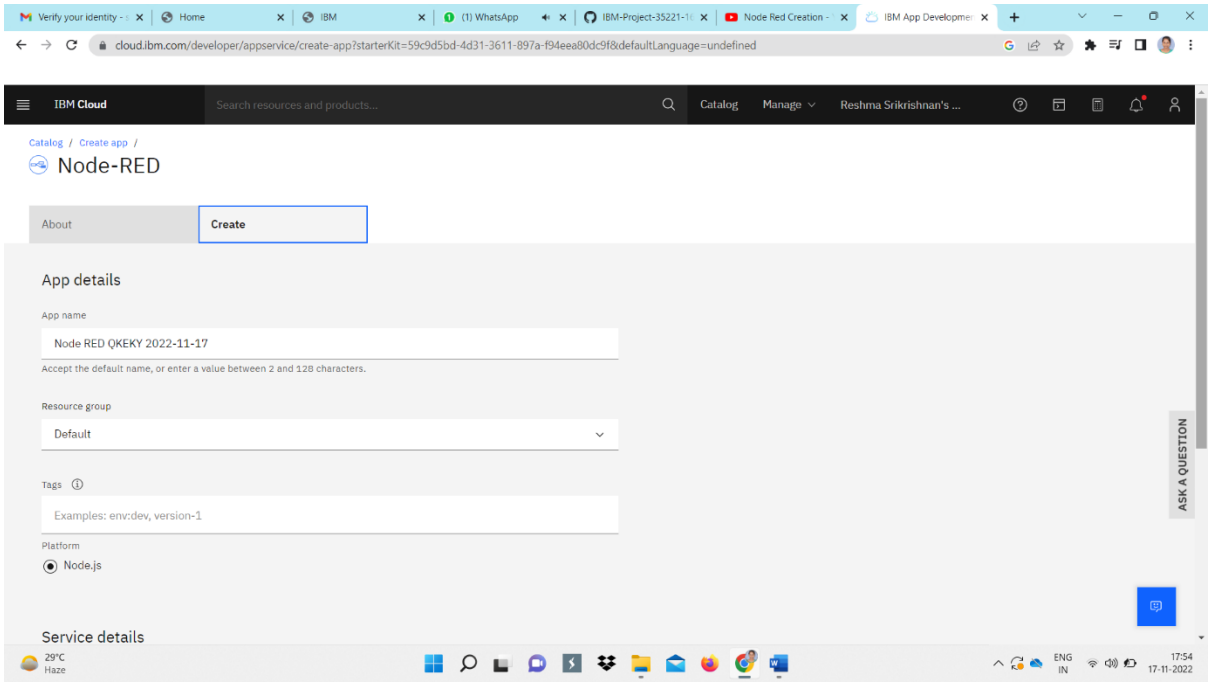
Step 6: Now drag and drop the nodes and connect nodes with IOT Watson platform

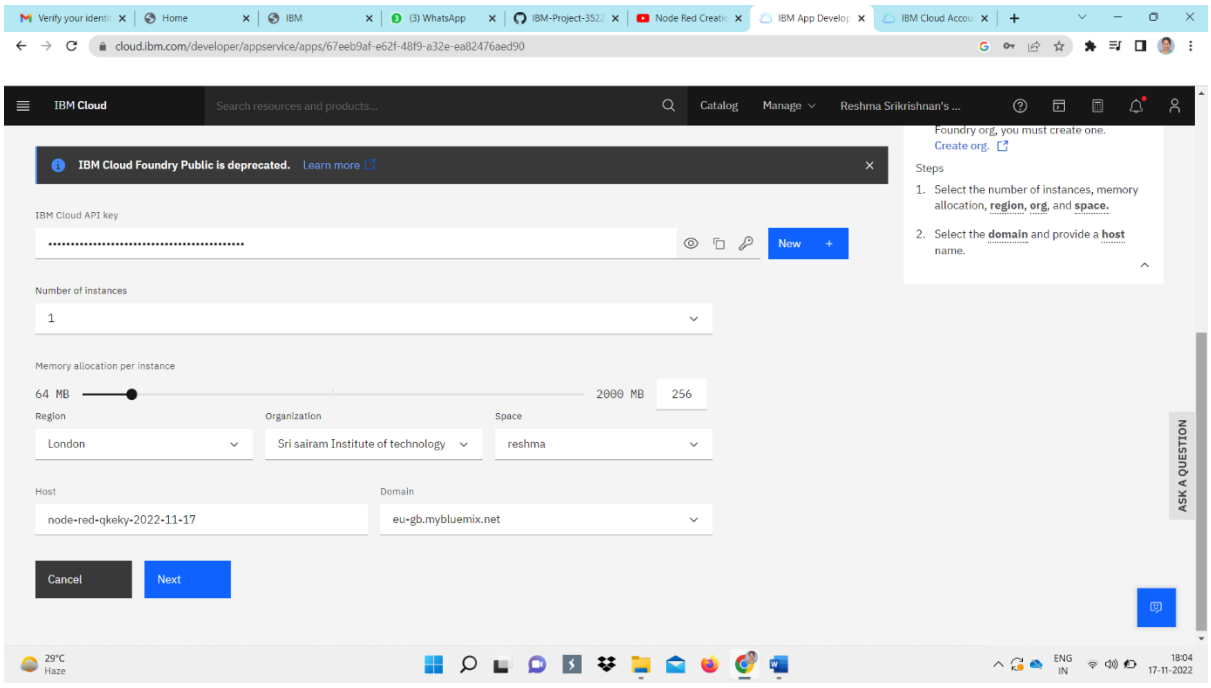
Step 7: setup the settings that connects node red service with Watson IOT

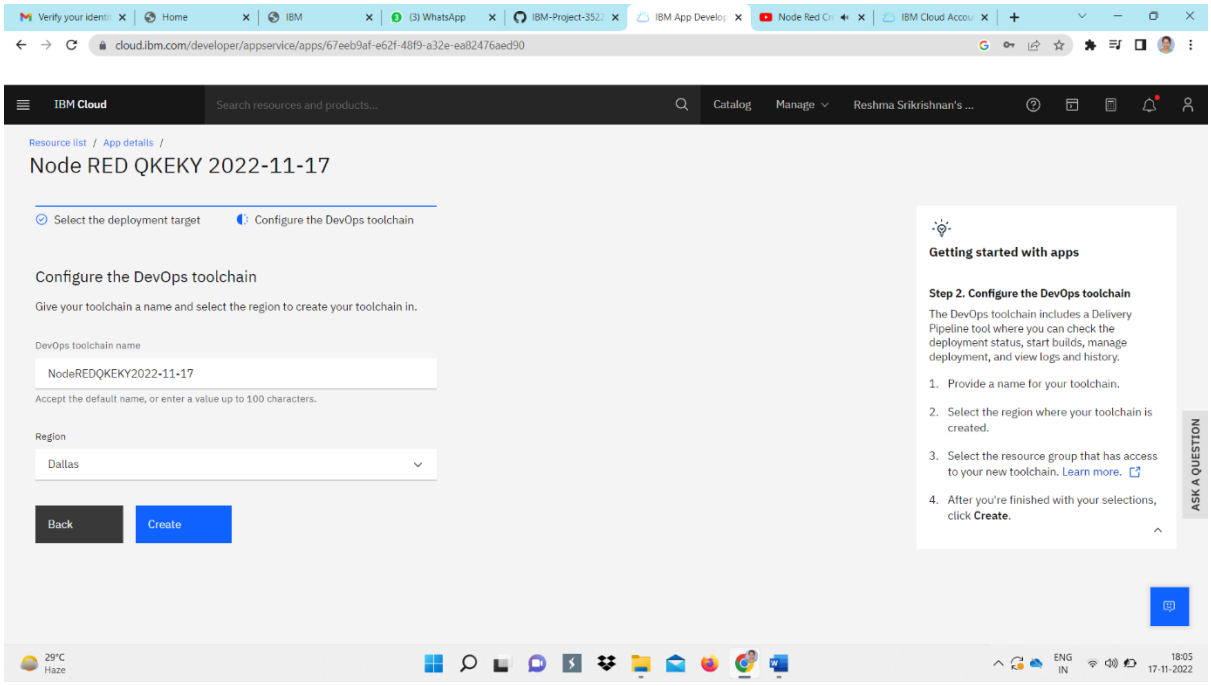
Step 8: Finally, output can be seen in node red service

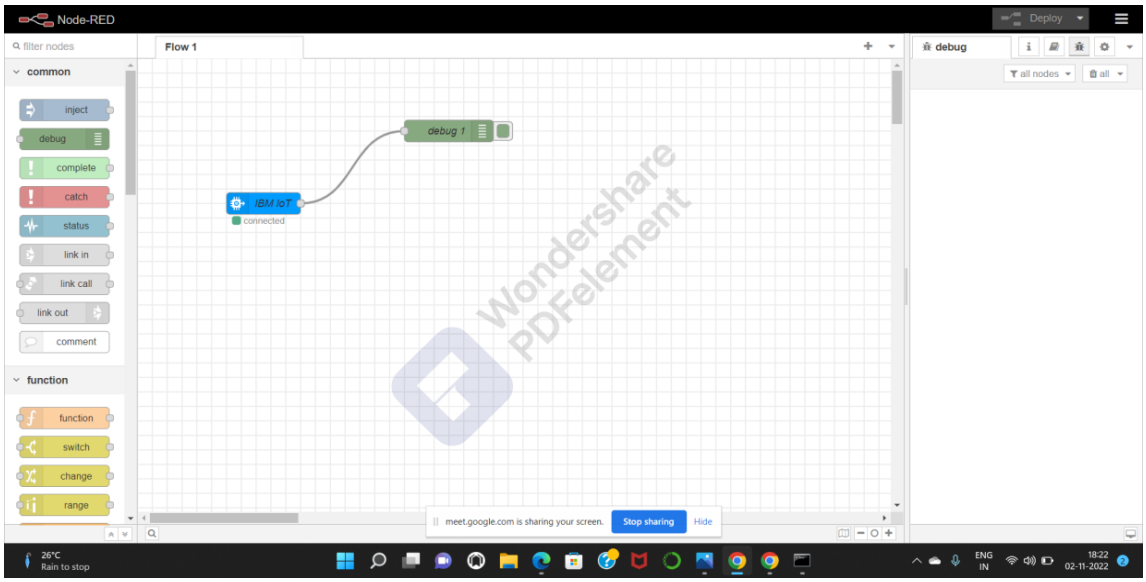
IMAGES:

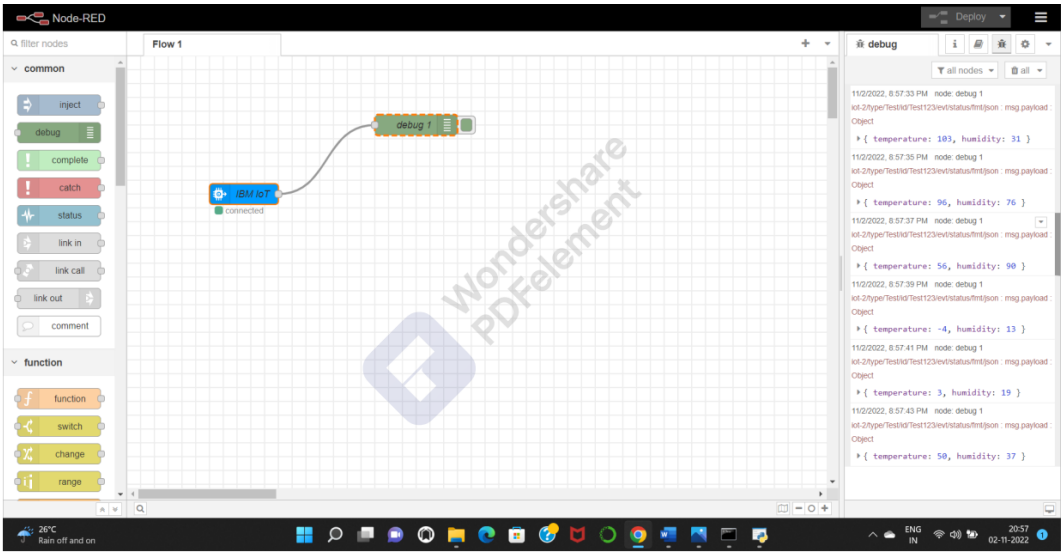



cloud.ibm.com/developer/appservice/create-app?starterKit=59c9d5bd-4d31-3611-897a-f94eea80dc9f&defaultLanguage=undefined
IBM Cloud
Search resources and products...
Catalog
Manage
Reshma Srikrishnan's ...
Catalog / Create app /
Node-RED
About
Create
App details
App name
Node RED QKEKY 2022-11-17
Accept the default name, or enter a value between 2 and 128 characters.
Resource group
Default
Tags
Examples: env:dev, version-1
Platform
Node.js
Service details
ASK A QUESTION


cloud.ibm.com/developer/appservice/apps/67eeb9af-e62f-48f9-a32e-ea82476aed90
IBM Cloud
Search resources and products...
Catalog
Manage
Reshma Srikrishnan's ...
IBM Cloud Foundry Public is deprecated. Learn more
IBM Cloud API key
New
Number of instances
1
Memory allocation per instance
64 MB
2000 MB
256
Region
London
Organization
Sri sairam Institute of technology
Space
reshma
Host
node-red-qkeky-2022-11-17
Domain
eu-gb.mybluemix.net
Cancel
Next
Create org.
Steps
1. Select the number of instances, memory allocation, region, org, and space.
2. Select the domain and provide a host name.
ASK A QUESTION


IBM Cloud
Search resources and products...
Catalog
Manage
Reshma Srikrishnan's ...
Resource list / App details /
Node RED QKEKY 2022-11-17
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
NodeREDQKEKY2022-11-17
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
29°C
Haze
ENG
IN
18:05
17-11-2022


Node-RED
Deploy
filter nodes
Flow 1
debug
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
switch
change
range
debug 1
IBM IoT
connected
all nodes
all
meet.google.com is sharing your screen.
Stop sharing
Hide
Wondershare PDFelement
26°C
Rain to stop
ENG
IN
18:22
02-11-2022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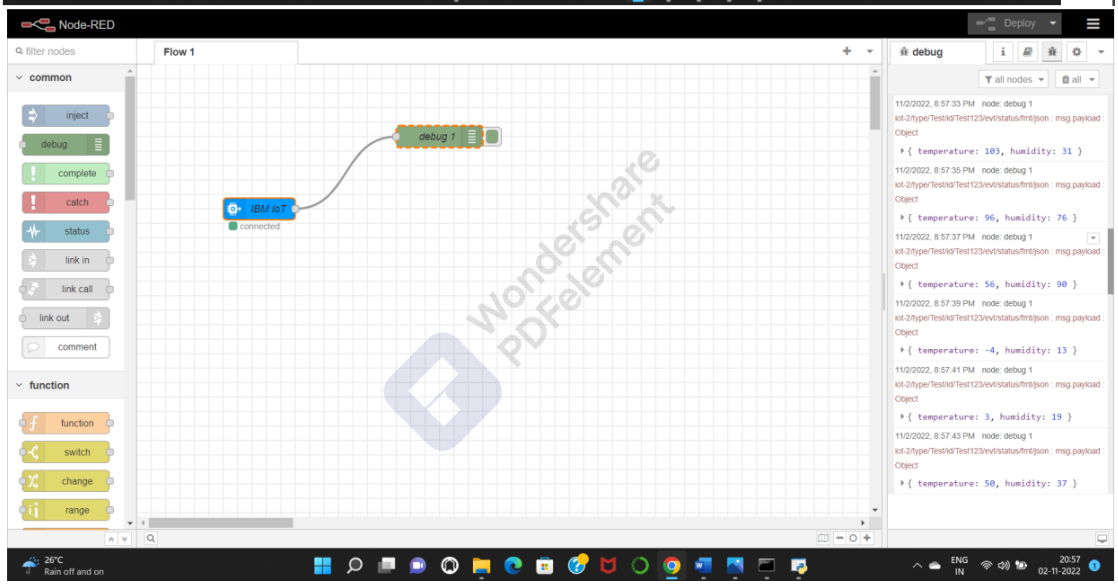
all
11/2/2022, 8:57:33 PM node: debug 1
iot-2/type/TestId/Test123/evt/status/fmt/json : msg.payload : Object
{ temperature: 103, humidity: 31 }
11/2/2022, 8:57:35 PM node: debug 1
iot-2/type/TestId/Test123/evt/status/fmt/json : msg.payload : Object
{ temperature: 96, humidity: 76 }
11/2/2022, 8:57:37 PM node: debug 1
iot-2/type/TestId/Test123/evt/status/fmt/json : msg.payload : Object
{ temperature: 56, humidity: 90 }
11/2/2022, 8:57:39 PM node: debug 1
iot-2/type/TestId/Test123/evt/status/fmt/json : msg.payload : Object
{ temperature: -4, humidity: 13 }
11/2/2022, 8:57:41 PM node: debug 1
iot-2/type/TestId/Test123/evt/status/fmt/json : msg.payload : Object
{ temperature: 3, humidity: 19 }
11/2/2022, 8:57:43 PM node: debug 1
iot-2/type/TestId/Test123/evt/status/fmt/json : msg.payload : Object
{ temperature: 50, humidity: 37 }
26°C
Rain off and on
ENG
IN
20:57
02-11-2022

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02-11-2022