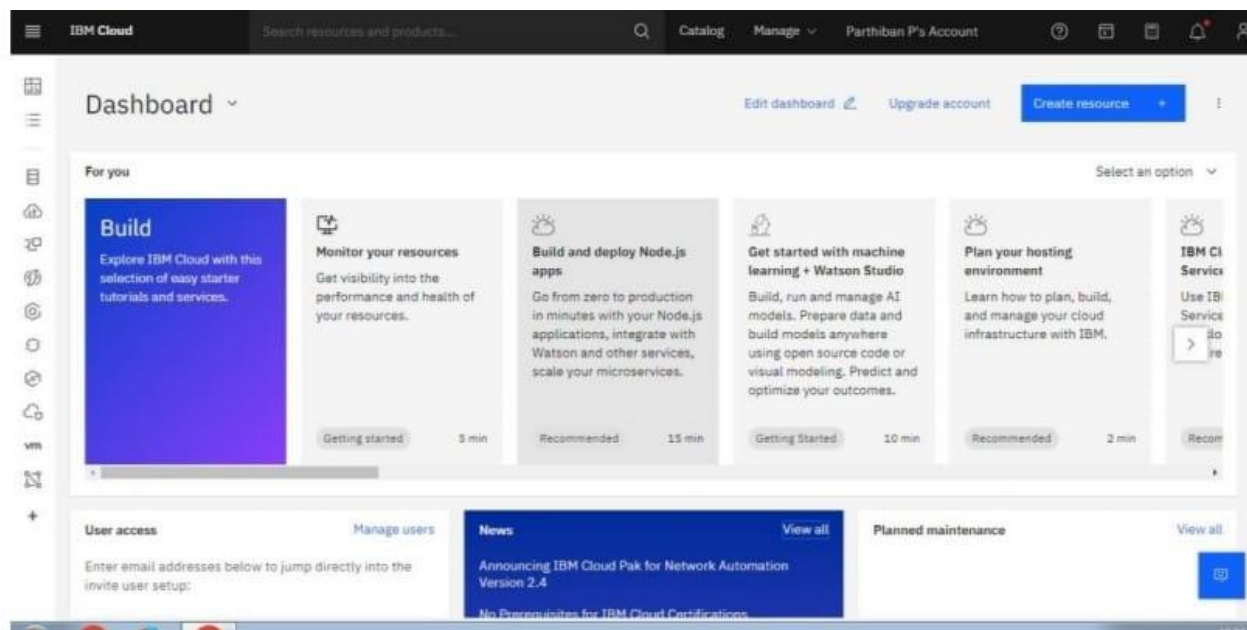
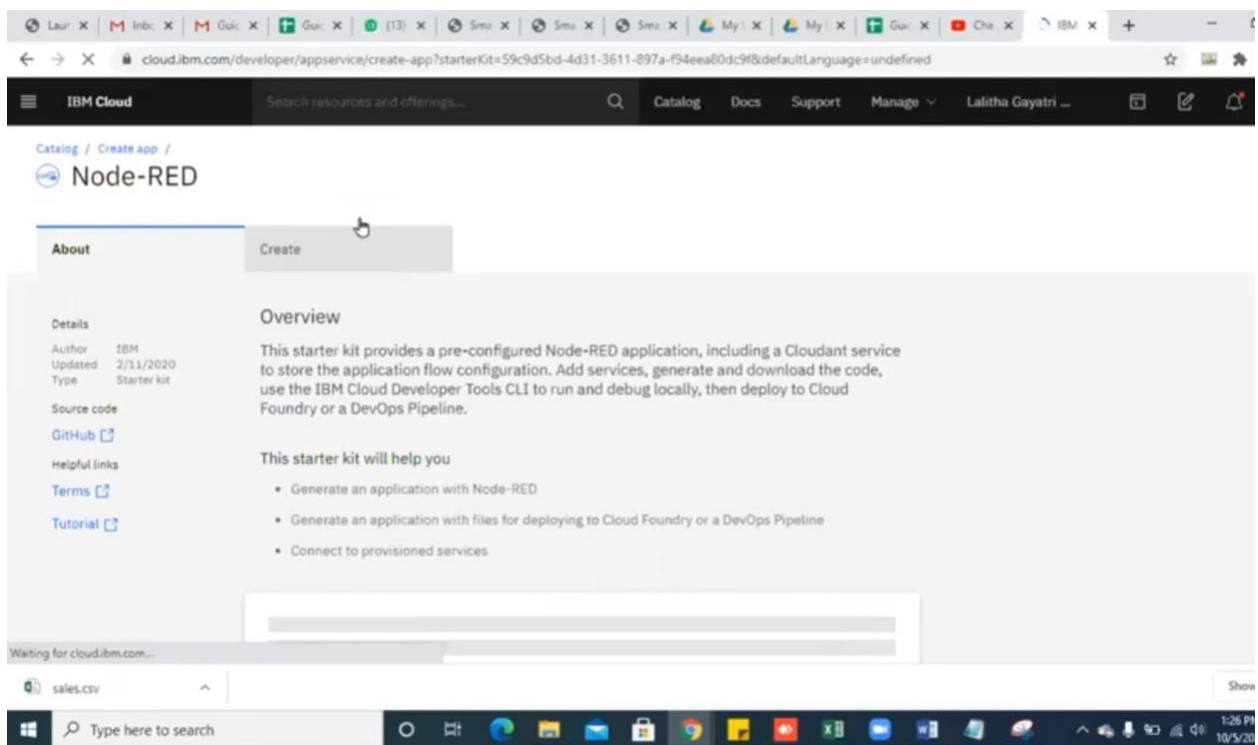
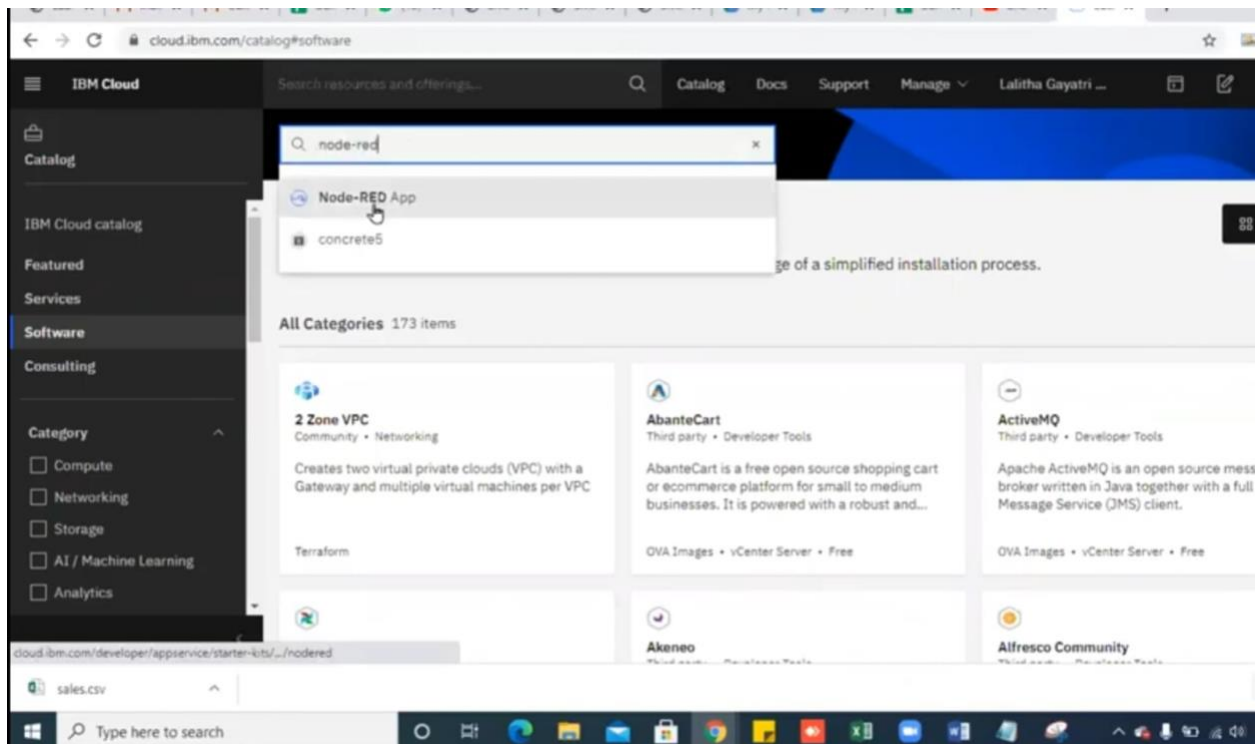


# CREATE NODE- RED SERVICE

|              |   |
|--------------|---|
| DATE         | 9 NOVEMBER 2022   |
| TEAM ID      | PNT2022TMID52179  |
| PROJECT NAME | GAS LEAKAGE MONITORING & ALERTING SYSTEM FOR INDUSTRIES |







cloud.ibm.com/developer/appservice/create-app?starterKit=59c9d5bd-4d31-3611-897a-f94eea80dc9f&defaultLanguage=undefined

IBM Cloud

Search resources and offerings...

Catalog Docs Support Manage Lalitha Gayatri ...

Details

Author IBM  
Updated 2/11/2020  
Type Starter kit

Source code  
GitHub

Helpful links  
Terms  
Tutorial

### Overview

This starter kit provides a pre-configured Node-RED application, including a Cloudant service to store the application flow configuration. Add services, generate and download the code, use the IBM Cloud Developer Tools CLI to run and debug locally, then deploy to Cloud Foundry or a DevOps Pipeline.

This starter kit will help you:

- Generate an application with Node-RED
- Generate an application with files for deploying to Cloud Foundry or a DevOps Pipeline
- Connect to provisioned services

What's included?

Cloudant  
Free to start View pricing

View docs

Get started

sales.csv

Type here to search

1:26 PM 10/5/20

cloud.ibm.com/developer/appservice/create-app?starterKit=59c9d5bd-4d31-3611-897a-f94eea80dc9f&defaultLanguage=undefined

IBM Cloud

Search resources and offerings...

Catalog Docs Support Manage Lalitha Gayatri ...

Examples: env:dev, version:1

Platform

Node.js

### Service details

#### Cloudant

Region: Sydney

Resource group: Default

Pricing plan: Lite

Pricing details Terms

Creating app...

sales.csv

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cloud.ibm.com/developer/appservice/apps/d5f833ee-b94e-4f52-9c42-409f1582028f

IBM Cloud Search resources and offerings... Catalog Docs Support Manage Lalitha Gayatri ...

### Node RED Docker 2020-10-05

#### Details

App URL You must deploy your app first

Source [Download code](#)

---

Resource group [Default](#)

Deployment target You must deploy your app first

Created 10/5/2020

#### 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](#)

#### Services

Cloudant

[Provisioning service credentials](#)

[Connect existing services](#) [Create service](#)

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[Deploy your app](#)

#### Services

Cloudant

[Open dashboard](#) [Documentation](#)

[Credentials](#)

[Connect existing services](#) [Create service](#)

sales.csv

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cloud.ibm.com/developer/appservice/apps/d5f833ee-b94e-4f52-9c42-409f1582028f

IBM Cloud

Select the deployment target

### Deployment Automation

Select your deployment target and configure your DevOps toolchain. After you click **Create**, the toolchain is created, and the deployment process is started automatically.

Deployment target

#### Kubernetes Service

Deploy, scale, and manage your containerized application workloads to highly available clusters.

#### Red Hat OpenShift

Deploy your apps on highly available clusters that come installed with Red Hat OpenShift on IBM Cloud.

#### Cloud Foundry

Deploy and run your applications without managing servers or clusters. A Lite plan is available for quick and easy deployment.

IBM Cloud API key

IBM Cloud API key

The value is required.

New

#### Getting started with apps

##### Step 1. Select the deployment target

Select your deployment target, and then provide the configuration information.

#### IBM Cloud Kubernetes Service

Kubernetes is an open source platform for managing containerized workloads and services across multiple hosts, and offers management tools for deploying, automating, monitoring, and scaling containerized apps with minimal to no manual intervention. [Learn more.](#)

#### Before you begin

- One free Kubernetes cluster is available per account.
- If you don't have an available cluster, you must create one before continuing. Allow 10-20 minutes for the cluster to be provisioned. [Create cluster.](#)

#### Steps

- Select the region where your Kubernetes cluster is located.

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cloud.ibm.com/developer/appservice/apps/d5f833ee-b94e-4f52-9c42-409f1582028f

IBM Cloud

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 NodeREDUOFCD020-10-05

Description

☐ Save this key in a secrets store for reuse

Cancel

OK

Number of instances

1

Memory allocation per instance

64 MB

2000 MB

256

sales.csv

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IBM Cloud

Cloud Foundry is the premier industry standard Platform-as-a-Service (PaaS) that ensures fast, easy, and reliable deployment of cloud-native apps. Cloud Foundry ensures that the build and deploy aspects of coding remain carefully coordinated with any attached services — resulting in quick, consistent and reliable starting of applications. Cloud Foundry has a Lite plan that allows quick deployments for testing purposes.

#### Before you begin

- If your account doesn't have a Cloud Foundry org, you must create one. [Create org.](#)

#### Steps

- Select the number of instances, memory allocation, region, org, and space.
- Select the domain and provide a host name.

sales.csv

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IBM Cloud

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cloud.ibm.com/developer/appservice/apps/d5f833ee-b94e-4f52-9c42-409f1582028f

IBM Cloud Search resources and offerings... Catalog Docs Support Manage Lalitha Gayatri ...

Resource list / App details / Node RED UOFCO 2020-10-05 Add tags Actions...

### Details

App URL You must deploy your app first

Source <https://us-south.git.cloud.ibm.com/lalithagayatriiolla1/NodeREDUOFCO2020-10-05>

Resource group Default

Deployment target You must deploy your app first

Created 10/5/2020

### Services

Cloudant

[Open dashboard](#) [Documentation](#)

Credentials

### Deployment Automation

Name NodeREDUOFCO2020-10-05

Location Dallas

Tool integrations

### Delivery Pipelines

Name NodeREDUOFCO2020-10-05

Status No stages detected

sales.csv

Type here to search

1:30 PM 10/5/2020

Resource list / App details / Node RED UOFCO 2020-10-05 Add tags Actions...

### Details

App URL You must deploy your app first

Source <https://us-south.git.cloud.ibm.com/lalithagayatriiolla1/NodeREDUOFCO2020-10-05>

Resource group Default

Deployment target You must deploy your app first

Created 10/5/2020

### Services

Cloudant

[Open dashboard](#) [Documentation](#)

Credentials

### Deployment Automation

Name NodeREDUOFCO2020-10-05

Location Dallas

Tool integrations

### Delivery Pipelines

Name NodeREDUOFCO2020-10-05

Status Success

Last input Last commit by IBM Cloud (10 minutes ago)

[Clone from zip](#)

[https://cloud.ibm.com/devops/pipelines/6884006c-c047-4472-aa1d-f2c35e7ae9ae?env\\_id=ibmmyprus-south](https://cloud.ibm.com/devops/pipelines/6884006c-c047-4472-aa1d-f2c35e7ae9ae?env_id=ibmmyprus-south)

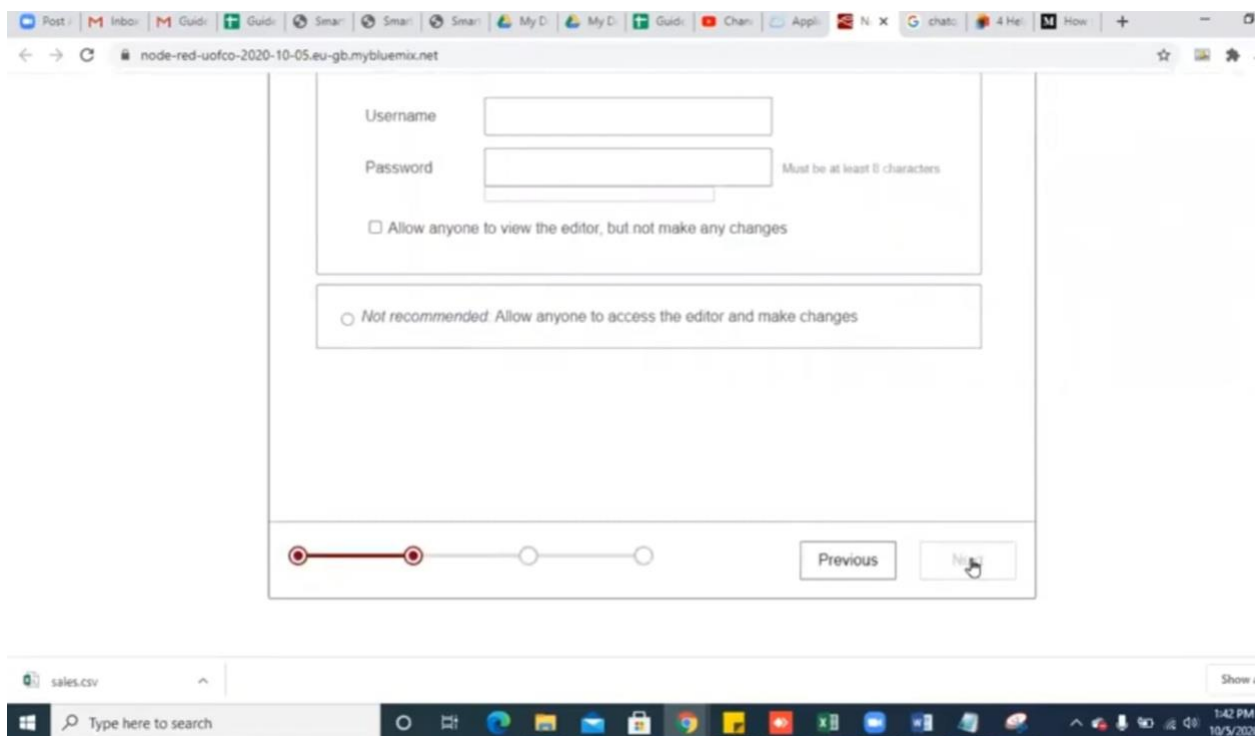
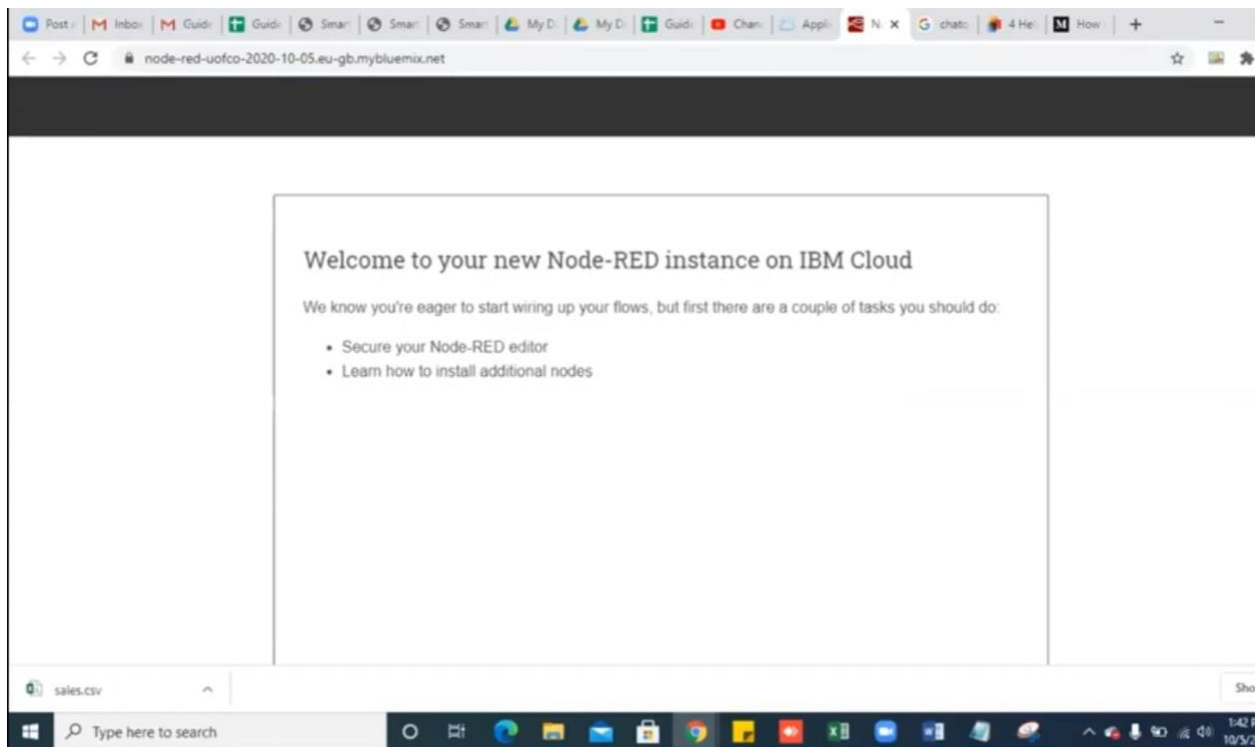
sales.csv

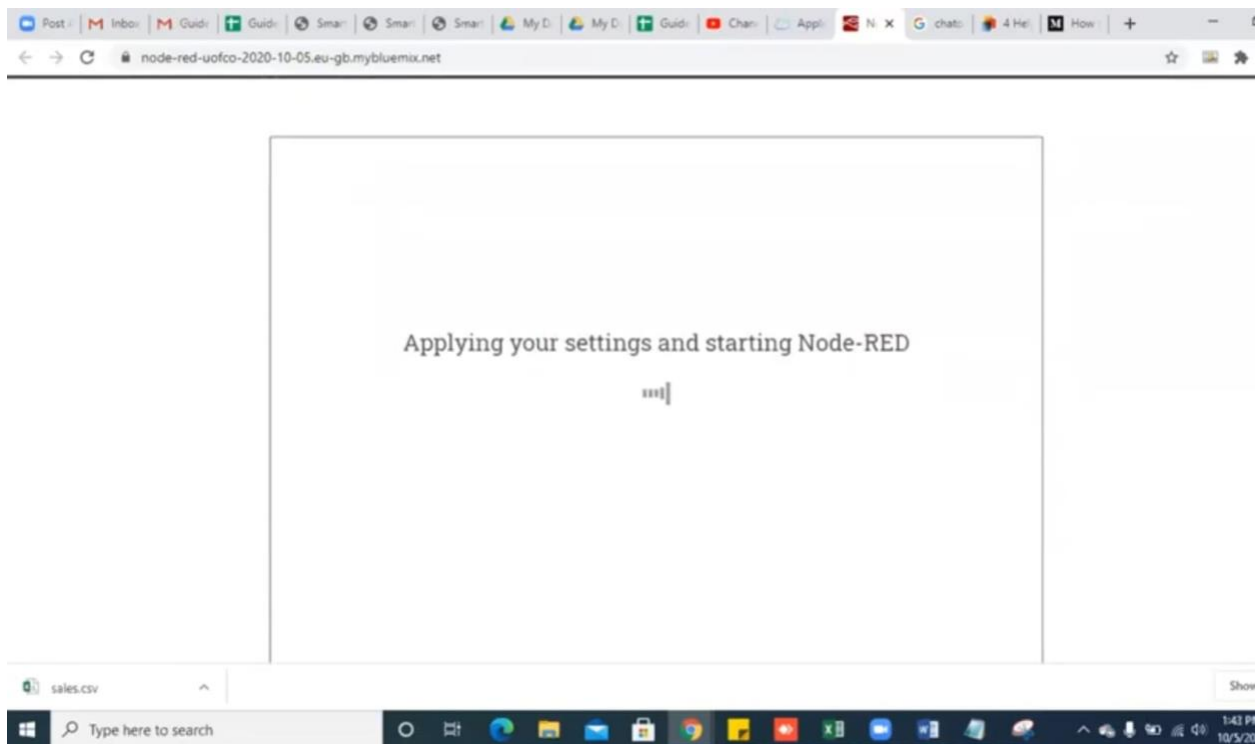
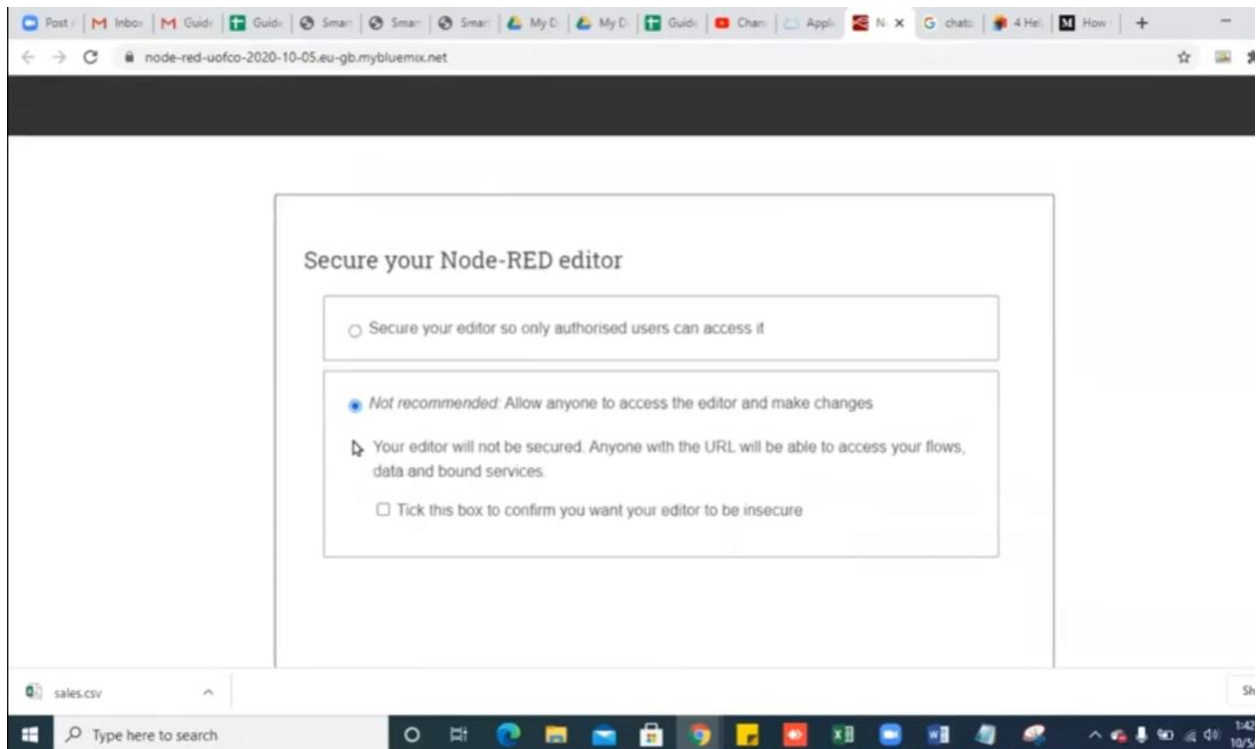
Type here to search

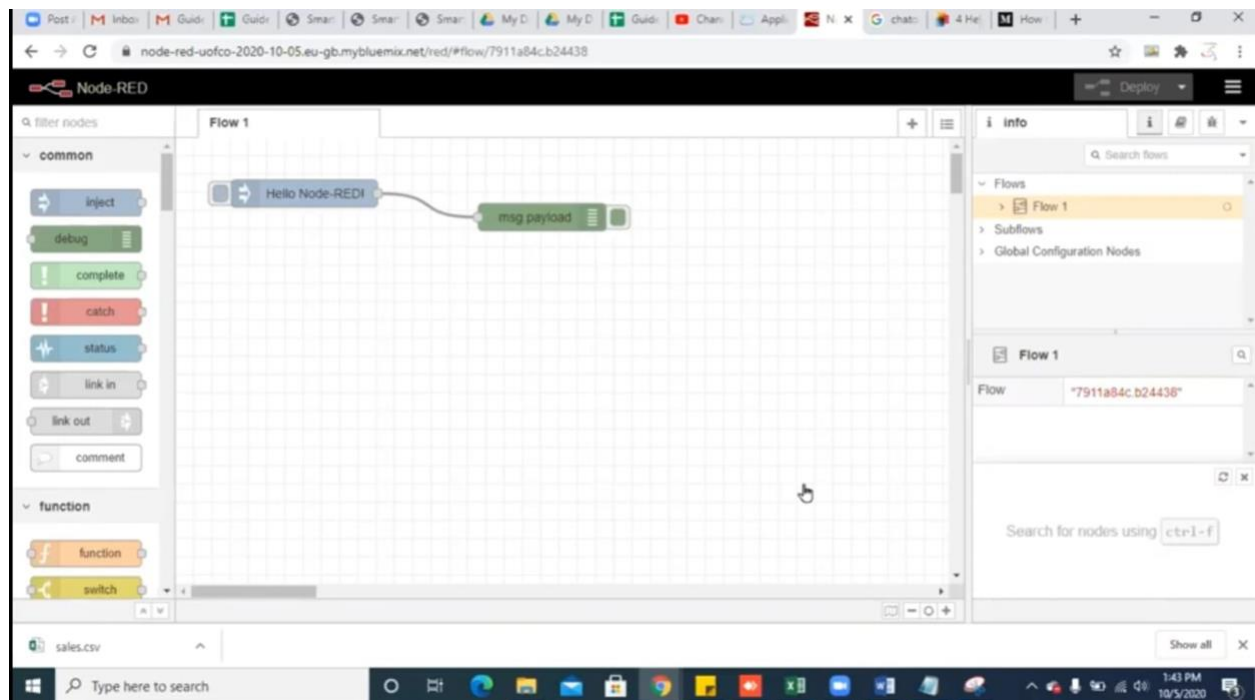
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## RESULT:

An Node-Red Service is created successfully.