Node-RED Service

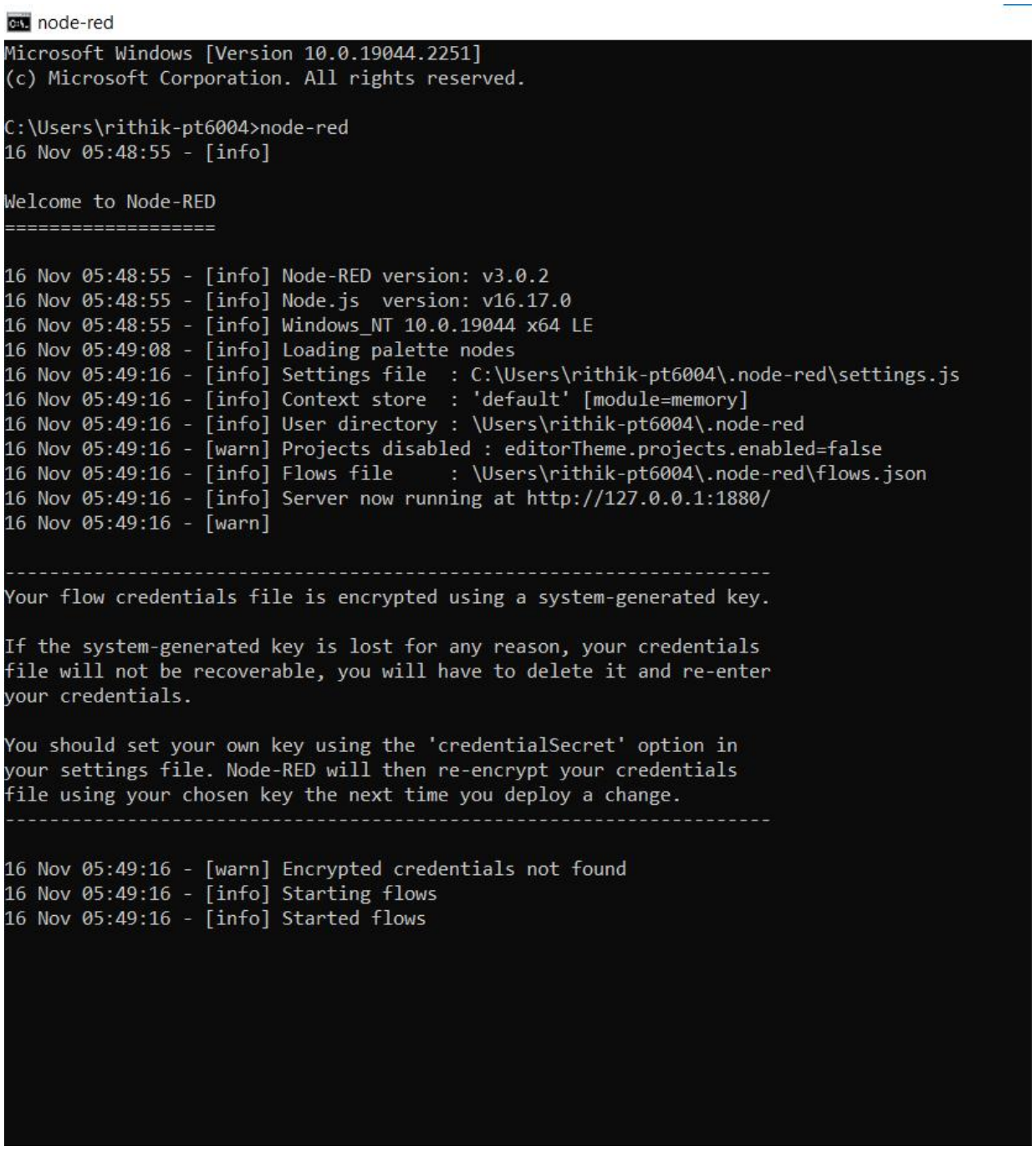
Date : 14 November 2022
Team ID : PNT2022TMID14369
Project Name : Industry – specific intelligent management system

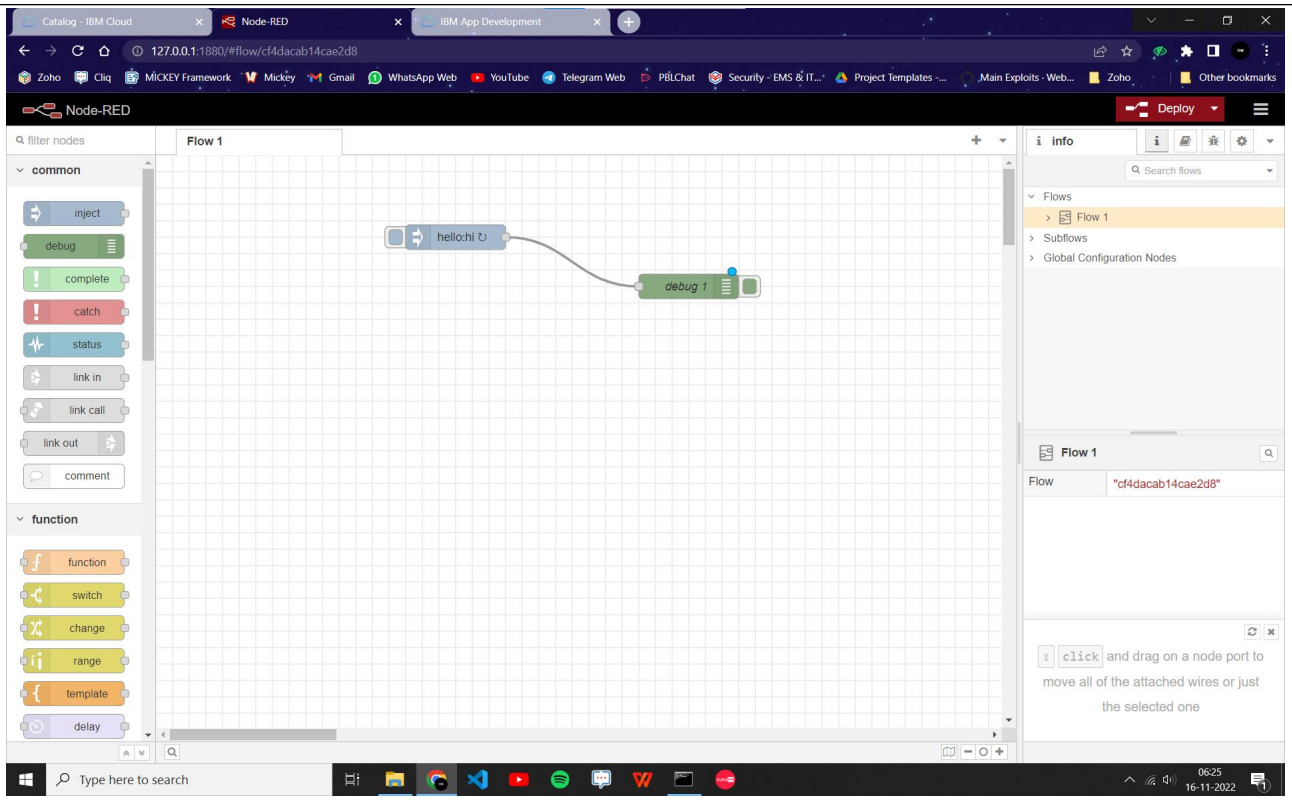
Basic knowledge of the following cloud services:

- Node-RED Service

Node-RED Service :

Node-RED is a flow based development tool for visual programming developed originally by IBM for wiring together hardware devices, APIs and online services aspart of the Internet of Things. Node-RED provides web browser based flow editor, which can be used to create JavaScript functions. Elements of applications can be saved or shared for re-use. The runtime is built on Node.js. The flows created in Node-RED are stored using JSON. Since version 0.14, MQTT nodes can make properly configured TLS connection


node-red
Microsoft Windows [Version 10.0.19044.2251]
(c) Microsoft Corporation. All rights reserved.
C:\Users\rithik-pt6004>node-red
16 Nov 05:48:55 - [info]
Welcome to Node-RED
16 Nov 05:48:55 - [info] Node-RED version: v3.0.2
16 Nov 05:48:55 - [info] Node.js version: v16.17.0
16 Nov 05:48:55 - [info] Windows_NT 10.0.19044 x64 LE
16 Nov 05:49:08 - [info] Loading palette nodes
16 Nov 05:49:16 - [info] Settings file : C:\Users\rithik-pt6004\.node-red\settings.js
16 Nov 05:49:16 - [info] Context store : 'default' [module=memory]
16 Nov 05:49:16 - [info] User directory : \Users\rithik-pt6004\.node-red
16 Nov 05:49:16 - [warn] Projects disabled : editorTheme.projects.enabled=false
16 Nov 05:49:16 - [info] Flows file : \Users\rithik-pt6004\.node-red\flows.json
16 Nov 05:49:16 - [info] Server now running at http://127.0.0.1:1880/
16 Nov 05:49:16 - [warn]
Your flow credentials file is encrypted using a system-generated key.
If the system-generated key is lost for any reason, your credentials
file will not be recoverable, you will have to delete it and re-enter
your credentials.
You should set your own key using the 'credentialSecret' option in
your settings file. Node-RED will then re-encrypt your credentials
file using your chosen key the next time you deploy a change.
16 Nov 05:49:16 - [warn] Encrypted credentials not found
16 Nov 05:49:16 - [info] Starting flows
16 Nov 05:49:16 - [info] Started flows


Catalog - IBM Cloud
Node-RED
IBM App Development
127.0.0.1:1880/#flow/cf4dacab14cae2d8
Node-RED
Deploy
filter nodes
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
switch
change
range
template
delay
Flow 1
hello:hi
debug 1
info
Search flows
Flows
Flow 1
Subflows
Global Configuration Nodes
Flow 1
Flow
"cf4dacab14cae2d8"
click and drag on a node port to move all of the attached wires or just the selected one
Type here to search
06:25
16-11-2022