

NODE RED

Team ID	PNT2022TMID14349
Project Name	Industry- Specific Intelligent Fire Management System

```
node-red
x + v
Microsoft Windows [Version 10.0.22621.674]
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C:\Users\HP>npm --version
8.19.2

C:\Users\HP>npm install -g --unsafe-perm node-red

changed 292 packages, and audited 293 packages in 27s

39 packages are looking for funding
  run 'npm fund' for details

5 vulnerabilities (4 low, 1 moderate)

To address issues that do not require attention, run:
  npm audit fix

To address all issues (including breaking changes), run:
  npm audit fix --force

Run 'npm audit' for details.
npm notice
npm notice New major version of npm available! 8.19.2 -> 9.1.1
npm notice Changelog: https://github.com/npm/cli/releases/tag/v9.1.1
npm notice Run 'npm install -g npm@9.1.1' to update!
npm notice

C:\Users\HP>run node-red
'run' is not recognized as an internal or external command,
operable program or batch file.
```

```
node-red
x + v
C:\Users\HP>node-red
15 Nov 20:46:12 - [info]

Welcome to Node-RED
=====

15 Nov 20:46:12 - [info] Node-RED version: v3.0.2
15 Nov 20:46:12 - [info] Node.js version: v16.14.0
15 Nov 20:46:12 - [info] Windows_NT 10.0.22621 x64 LE
15 Nov 20:46:14 - [info] Loading palette nodes
15 Nov 20:46:17 - [info] Settings file : C:\Users\HP\.node-red\settings.js
15 Nov 20:46:17 - [info] Context store : 'default' [module=memory]
15 Nov 20:46:17 - [info] User directory : \Users\HP\.node-red
15 Nov 20:46:17 - [warn] Projects disabled : editorTheme.projects.enabled=false
15 Nov 20:46:17 - [info] Flows file : \Users\HP\.node-red\flows.json
15 Nov 20:46:17 - [info] Server now running at http://127.0.0.1:1880/
15 Nov 20:46:17 - [warn]

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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.
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15 Nov 20:46:17 - [info] Starting flows
15 Nov 20:46:17 - [info] Started flows
```

Service Details - IBM Cloud | IBM Watson IoT Platform | Node-RED

127.0.0.1:1880/#flow/9db7810a609bd87f

Node-RED

Flow 1

common

- inject
- debug
- complete
- catch
- status
- link in
- link call
- link out
- comment

function

function

Flow 1 diagram: A flow starting with an inject node, followed by a 'hi!' message box, and then a debug node labeled 'debug 1'.

debug

all nodes

all

debug 1

11/15/2022, 8:48:27 PM node: debug 1
msg.payload : string[3]
"hi!"

11/15/2022, 8:48:37 PM node: debug 1
msg.payload : string[3]
"hi!"

11/15/2022, 8:48:47 PM node: debug 1
msg.payload : string[3]
"hi!"

11/15/2022, 8:48:57 PM node: debug 1
msg.payload : string[3]
"hi!"

11/15/2022, 8:49:07 PM node: debug 1
msg.payload : string[3]
"hi!"

11/15/2022, 8:49:17 PM node: debug 1
msg.payload : string[3]
"hi!"

25°C Cloudy

20:49 15-11-2022