

CREATION OF NODE RED SERVICE

TEAM ID	PNT2022TMID16771
PROJECT NAME	Industry-specific intelligent fire management system

- Installed node-RED service.
- An account was created in node-RED and features are viewed.

The screenshot displays the IBM Cloud console interface. The top navigation bar includes the IBM Cloud logo, a search bar, and links for Catalog, Manage, and the user account (Ajithkumar M S's Accou...). The main content area is titled 'Resource list' and features a table with columns for Name, Group, Location, Product, Status, and Tags. A 'Create resource' button is visible in the top right corner. The table lists several resource categories: Compute (1), Containers (0+), Networking (0+), Storage (0+), AI / Machine Learning (0+), Analytics (0+), Blockchain (0+), Databases (0+), Developer tools (0+), Logging and monitoring (0+), and Migration (0+). Under the 'Compute' category, a single resource is listed: 'Node RED MDZUM 2022-11-19', located in 'London', with the product 'Node.js' and status 'Started'. The bottom of the image shows a Windows taskbar with various application icons and system information, including a temperature of 77°F and the date 19-11-2022.

Name	Group	Location	Product	Status	Tags
Filter by name or IP address... Filter by group or org... Filter... Filter... Filter... Filter...					
^ Compute (1)					
Node RED MDZUM 2022-11-19	Orgaj / Orgaji	London	Node.js	Started	-
v Containers (0+)					
v Networking (0+)					
v Storage (0+)					
v AI / Machine Learning (0+)					
v Analytics (0+)					
v Blockchain (0+)					
v Databases (0+)					
v Developer tools (0+)					
v Logging and monitoring (0+)					
v Migration (0+)					

IBM Cloud

Search resources and products...

Node RED MDZUM 2022-11-19

App URL: <https://node-red-mdzum-2022-11-19.eu-gb.mybluemix.net>

Source: <https://eu-gb.git.cloud.ibm.com/92172019102009/NodeREDM...>

Resource group: Default

Deployment target: Node RED MDZUM 2022-11-19

Created: 11/19/2022

Services

Cloudant

Open dashboard | Documentation | API reference

Credentials

Connect existing services | Create service

Deployment Automation

Name: NodeREDMDZUM2022-11-19

Location: London

Tool integrations

Delivery Pipelines

Name: ci-pipeline | Status: Success

Name: pr-pipeline | Status: No stages detected

Getting started quickly

Configuring your app

To connect services and DevOps toolchains to your app:

1. Use the **Services** card to connect a service to your app. Select an existing service instance, or create a new one. [Learn more.](#)
2. If you want to view the code before your app is deployed, click **Download code** to obtain the .zip file.
3. Click **Deploy your app** in the **Deployment Automation** card to select the deployment target and configure the Continuous Delivery service. The deployment begins automatically.
4. After the deployment begins, you can view the status of the deployment, modify your app, view your repo, or view the app's URL.
5. If you make any changes to your app, be

IBM Cloud

Search resources and products...

Node RED MDZUM 2022-11-19

Running | Visit App URL | Add tags

Overview

Runtime

Connections

Logs

API Management

Autoscaling

Instances

Health: 100%

1/1 instance(s) are running

MB memory per instance

0 | 2048 | 256

Runtime cost

Current and estimated cost excludes connected services.

\$0.00

Connections (1)

node-red-mdzum-2022--cloudant-1668842405350-8691

Runtime

Node.js

256

Total MB allocation

1.75 GB still available

Free | Used

node-red-mdzum-2022-11-19-eu-gb.mybluemix.net/red/#flow/1654252577b89786

Node-RED

Flow 1

debug

filter nodes

mqtt in, mqtt out, http in, http response, http request, websocket in, websocket out, tcp in, tcp out, tcp request, udp in, udp out

input: simon in

output

IBM IoT (connected), temp, hum, msg.payload, [get] /sample, function, http

11/19/2022, 6:57:25 PM node: 020649a0d0d98
iot-2/typePerfremanagerid54872/ev/evEvent_1/frm/json :
msg.payload : Object
{ randomNumber: 6, temp: 64, hum: 88 }

11/19/2022, 6:57:25 PM node: 020649a0d0d98
iot-2/typePerfremanagerid54872/ev/evEvent_1/frm/json :
msg.payload : number
64

11/19/2022, 6:57:25 PM node: 020649a0d0d98
iot-2/typePerfremanagerid54872/ev/evEvent_1/frm/json :
msg.payload : number
88

11/19/2022, 6:57:25 PM node: 020649a0d0d98
iot-2/typePerfremanagerid54872/ev/evEvent_1/frm/json :
msg.payload : Object
{ randomNumber: 29, temp: 19, hum: 91 }

11/19/2022, 6:57:25 PM node: 020649a0d0d98
iot-2/typePerfremanagerid54872/ev/evEvent_1/frm/json :
msg.payload : number
19

11/19/2022, 6:57:25 PM node: 020649a0d0d98
iot-2/typePerfremanagerid54872/ev/evEvent_1/frm/json :
msg.payload : number
91

11/19/2022, 6:57:25 PM node: 020649a0d0d98

77°F
Haze

Search

ENG
IN

18:57
19-11-2022