

Team ID	PNT2022TMID29740
Project Name	Smart Farmer - IoT Enabled SmartFarming Application

Resource list / App details /

Node RED LACKJ 2022-11-12

Select the deployment target Configure the DevOps toolchain

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
IBM

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

Red Hat OpenShift
IBM

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

Cloud Foundry
IBM

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

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

ASK A QUESTION

Resource list - IBM Cloud Node-RED : node-red-tvss-202... IBM Watson IoT Platform (6) WhatsApp

cloud.ibm.com/resources

IBM Cloud Catalog Manage Ajay prabu R's Account

Resource list

Create resource +

Name	Group	Location	Product	Status	Tags
Filter by name or IP address...	Filter by group or org	Filter..	Filter...	Filter...	Filter...
<div> <div>Compute (1)</div> <div> Node RED TVNSS 2022-11-16 </div> <div>ajayprabu / abcd</div> <div>London</div> <div>Node.js</div> <div>Started</div> <div>—</div> <div></div> </div>					
Containers (0)					
Networking (0)					
Storage (0)					
AI / Machine Learning (0)					
Analytics (0)					
Blockchain (0)					
Databases (2+)					

Waiting for 68490d47.akstatio...

Application Details - IBM Cloud x Node-RED on IBM Cloud x Node-RED : node-red-tvnss... x IBM Watson IoT Platform x (6) WhatsApp

node-red-tvnss-2022-11-16.eu-gb.mybluemix.net

Node-RED on IBM Cloud

Node-RED

Flow-based programming for the Internet of Things

Node-RED is a programming tool for wiring together hardware devices, APIs and online services in new and interesting ways.

This instance is running as an IBM Cloud application, giving it access to the wide range of services available on the platform.

More information about Node-RED, including documentation, can be found at nodered.org.

[Go to your Node-RED flow editor](#)

[Learn how to customise Node-RED](#)

Type here to search

23:31 17-11-2022

Application Details - IBM Cl... x Node-RED : node-red-tvnss x Node-RED : node-red-tvnss x IBM Watson IoT Platform x (6) WhatsApp x

node-red-tvnss-2022-11-16.eu-gb.mybluemix.net/red/#flow/e0b94dd1dde366ad

Node-RED

filter nodes

common

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

function

- function
- switch

Flow 1

debug

all nodes all

msg payload

connected

Type here to search

23:32 17-11-2022

The screenshot shows the Node-RED web interface in a browser. The top bar includes several tabs: 'Application Details - IBM Cl...', 'Node-RED : node-red-tvnss' (selected), 'Node-RED : node-red-tvnss', 'IBM Watson IoT Platform', and '(6) WhatsApp'. The address bar shows the URL 'node-red-tvnss-2022-11-16.eu-gb.mybluemix.net/red/#flow/e0b94dd1dde366ad'. The main interface has a left sidebar with a 'filter nodes' search bar and two categories of nodes: 'common' (inject, debug, complete, catch, status, link in, link call, link out, comment) and 'function' (function, switch). The central workspace, titled 'Flow 1', contains a flow diagram. It starts with an 'inject' node (blue) and an 'IBM IoT' node (blue) which has a green 'connected' status indicator. Both nodes are connected to a 'msg payload' node (green). The right sidebar shows a 'debug' tab with 'all nodes' and 'all' filters. The bottom of the image shows a Windows taskbar with a search bar and various application icons, and a system tray with the time '23:32' and date '17-11-2022'.