


[Edit dashboard](#)
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For you

Select an option 

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[SLSA Support in IBM Cloud Continuous Delivery](#)

[WebSphere Application Server Support Restatement](#)

Planned maintenance

About

Create

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](#) [View API reference](#)

Get started

ASK A QUESTION

App Development / Apps / App details /

Node RED FBXGA 2022-11-15

Add tags

Actions...

Details

App URL	You must deploy your app first
Source	Download code
Resource group	Default
Deployment target	You must deploy your app first
Created	11/15/2022

Services



Cloudant

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

[Credentials](#)

Connect existing services

Create service

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



ASK A QUESTION



IBM Cloud

Getting started tutorial for N

IBM App Development

Create a Cluster - IBM Cloud

Watson Knowledge Catalog

cloud.ibm.com/kubernetes/catalog/create

IBM Cloud

Search resources and products...

Catalog

Manage

Prabha M's Account

Catalog /

Kubernetes cluster

Author: IBM • Docs • API docs

Create

About

Plan details

Learn more about the differences between plans in our [docs](#).

Pricing plan

Standard

Infrastructure

Choose which network and compute environment to run your cluster on. Learn more about the [differences](#).

Classic

Run your cluster with

node-red-fbxga-20....zip

VPC

Create a fully

Summary

United States

Kubernetes cluster

9 Worker nodes \$2.65/hr

b3c.4x16 - 4 vCPUs 16GB RAM

Virtual - shared

Ubuntu 18

1 Multizone load balancer \$0.02/hr

Multizone clusters require a cross-zone load balancer.

Integrations

1 Activity tracking \$1.50/GB-mo

activity-us-south-5H - 7 day Event Search

1 Logging \$1.50/GB-mo

logs-us-south-We - 7 day Log Search

1 Monitoring \$0.05/GB-mo

metrics-us-south-uV - Graduated Tier

Total estimated cost \$1,919.52/mo

Additional charges for networking and

Show all

Search the web and Windows

12:00 PM 11/15/2022

Source

Resource group

Deployment target

Created

Services

Cloudant

Open dashboard Documentation

Credentials

Connect existing services +

Getting started quickly

Add a service - Internet of Things

Add Internet of Things Platform

Region

London

Resource group

Default

Warning

Only one instance of a Lite plan per service is allowed. To create a new service instance, either delete your existing Lite plan service instance, or select a paid plan before continuing. You can also use your existing Lite plan service instance with the application.

Pricing plans

Lite

Previous Done

Worker pool

Set up a worker pool with the flavor and number of worker nodes that you want to run your first workload. At any time later, you can add more worker pools with different flavors, or resize your worker pools to fit the resource needs of your workloads.

Virtual - shared, Ubuntu 18

4
vCPUs

16 GB
Memory

\$0.29/hr
Cost

Change flavor ↗

Worker nodes per zone

3

- +

x 3 zones

= 9 workers total

Summary

United States ▾

Kubernetes cluster

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IBM Cloud

Search resources and products...

Catalog

Manage

Prabha M's Account

Select the Kubernetes platform version for your cluster. For more information about versions, including links to the container platform community release notes, [see the docs](#).

1.24.7

Location

Choose your location and configure your VLANs. [Learn more about this](#).

Geography

North America

Availability

Multizone

Metro

Dallas

Worker zones

☒ Dallas 10

☒ Dallas 12

☒ Dallas 13

Summary

United States

Kubernetes cluster

9

Worker nodes

\$2.65/hr

b3c.4x16 - 4 vCPUs 16GB RAM
Virtual - shared
Ubuntu 18

1

Multizone load balancer

\$0.02/hr

Multizone clusters require a cross-zone load balancer.

Integrations

1

Activity tracking

\$1.50/GB-mo

activity-us-south-5H - 7 day Event Search

1

Logging

\$1.50/GB-mo

logs-us-south-We - 7 day Log Search

1

Monitoring

\$0.05/GB-mo

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node-red-fbxga-20....zip

Search the web and Windows

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11/15/2022

IBM Cloud

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Learn more about the differences between plans in our docs.

Pricing plan

Standard

Infrastructure

Choose which network and compute environment to run your cluster on. Learn more about the differences.

Classic
Run your cluster with native subnet and VLAN networking on our classic infrastructure.

VPC
Create a fully customizable, software-defined virtual network with superior isolation using IBM Cloud VPC.

Kubernetes version

Select the Kubernetes platform version for your cluster. For more information

node-red-fbxga-20....zip

Summary

United States

Kubernetes cluster

9

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Monitoring

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metrics-us-south-uV - Graduated Tier

Total estimated cost

\$1,919.52/mo

Additional charges for networking and

Show all

Search the web and Windows

12:01 PM 11/15/2022

Clusters /

mycluster-free

Preparing master, workers...

Expires in 30 days

Add tags

Help

Kubernetes dashboard

Actions...

Overview

Worker nodes

Worker pools

DevOps **New**

Expires in 30 days:
Be sure to back up your data, your cluster will be deleted in 30 days. To access the full capabilities of the service, try out a [standard cluster](#).

Node status

1 of 1
Pending

Details

Add-on status

0 of 0
Normal

Details

Master status

Unknown

Docs

Ingress status

Pending

Docs

Details

Cluster ID

cdpj5jif0qbpaceg0ra0

Version

1.24.7_1542

Infrastructure

Classic

Zones

Milan 01

Created

Resource group

Image security enforcement

node-red-fbxga-20....zip

Show all

App Development / Apps / App details /


Node RED FBXGA 2022-11-15

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.

ASK A QUESTION



Show all

node-red-fbxga-20....zip