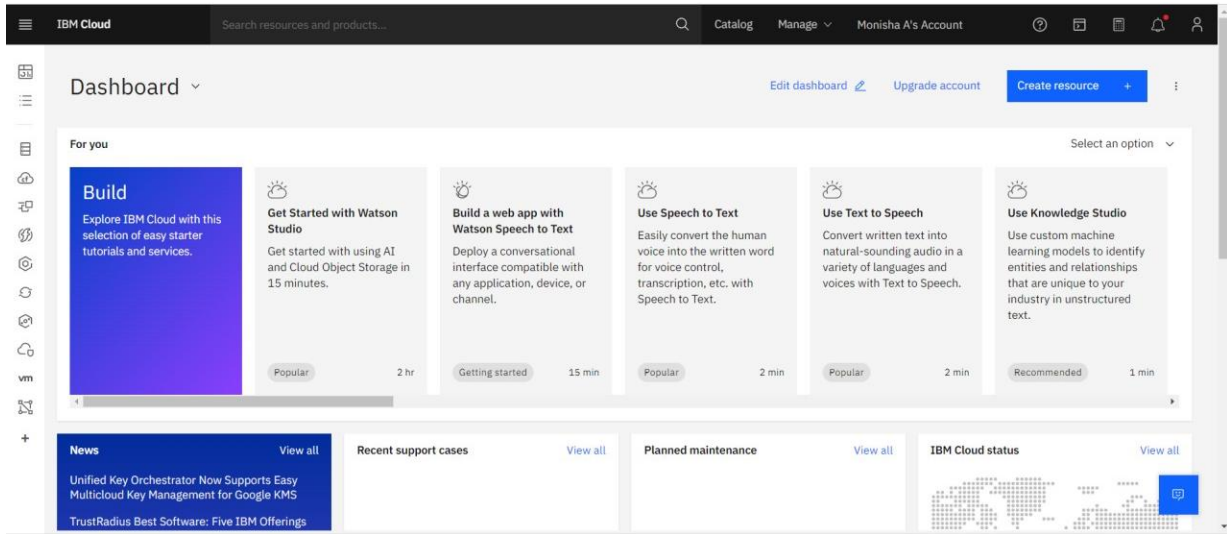


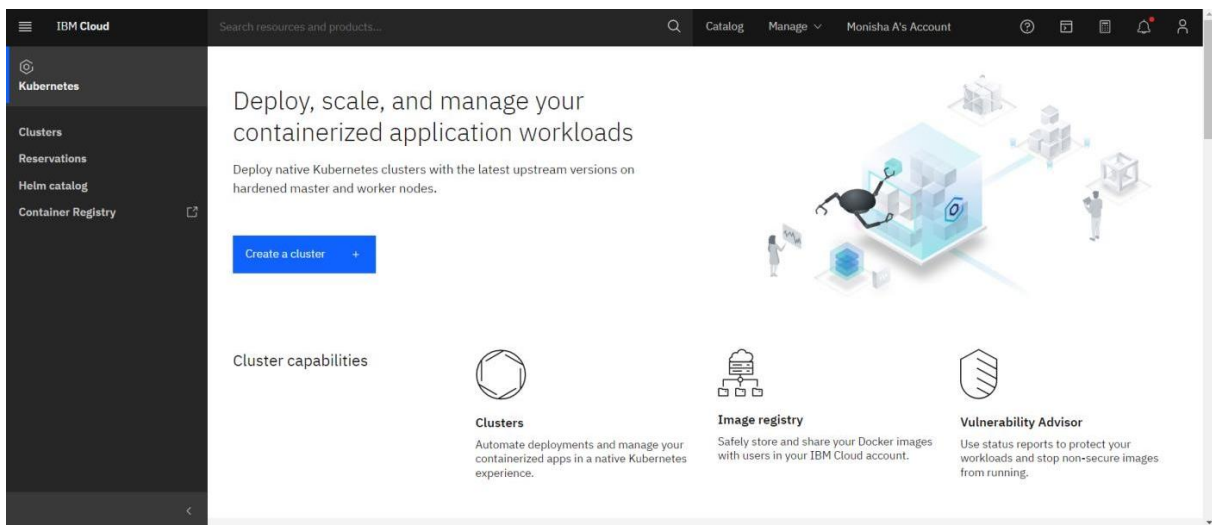
# DEPLOY ON KUBERNETES

## Create a Kubernetes cluster

- Sign in to your [IBM Cloud Dashboard](#).
- Open **IBM Kubernetes Service**.



- Click **Create Cluster**.



- Select the **Region** where you want to deploy the cluster, type in a **name** for your cluster, then click **Create Cluster**.
- Select the appropriate cluster type depending on your account.
- It takes some time for the cluster to get ready (around 30 minutes).

IBM Cloud

Search resources and products...

Create About

Deliver your apps quicker across clouds with Red Hat OpenShift

Plan details

Learn more about the differences between plans in our docs.

Pricing plan

Free

Kubernetes version

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

Summary

United States

Kubernetes cluster

Worker node

Free

Free - 2 vCPUs 4GB RAM  
Virtual - shared  
Ubuntu 18

Total estimated cost

Free/mo

Additional charges for networking and bandwidth might apply.  
Actual monthly total will vary with tiered pricing.  
Estimate does not include costs for integrations.

Create

Add to estimate

- Once the cluster is ready, click on your cluster's name and you will be redirected to a new page with information about your cluster and worker node.

IBM Cloud

Search resources and products...

Clusters / mycluster-free

Preparing master, workers... Expires in 30 days Add tags

Help Kubernetes dashboard Actions...

Help

Log in to your cluster

Deploy your app

Expose your app

Add storage to your app

Connect integrations

Install add-ons

Troubleshoot

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

cdk8t83fec28rstfjog6

Version

1.24.7\_1542

Infrastructure

Classic

Zones

Milan 01

Created

11/7/2022, 10:20 AM

Resource group

Image security enforcement

Enable

- Click on the **Worker Nodes** tab to note the cluster's Public IP.

The screenshot shows the IBM Cloud Clusters console. The cluster is named 'mycluster-free' and is in the 'Preparing master, workers...' state. The 'Worker nodes' tab is selected, showing a table with one worker node. The node's status is 'Provision pending', and its public IP is 1.24.6.1541. The node's flavor is 'Free - 2 vCPUs 4GB RAM' and its zone is 'Milan 01'.

| Pool     | Filter...              | Search      | Add      |            |             |             |
|----------|------------------------|-------------|----------|------------|-------------|-------------|
| Name     | Status                 | Worker pool | Zone     | Private IP | Public IP   | Version     |
| 000000b0 | Provision pending -... | default     | Milan 01 |            | 1.24.6.1541 | 1.24.6_1541 |

Items per page: 25 1-1 of 1 item