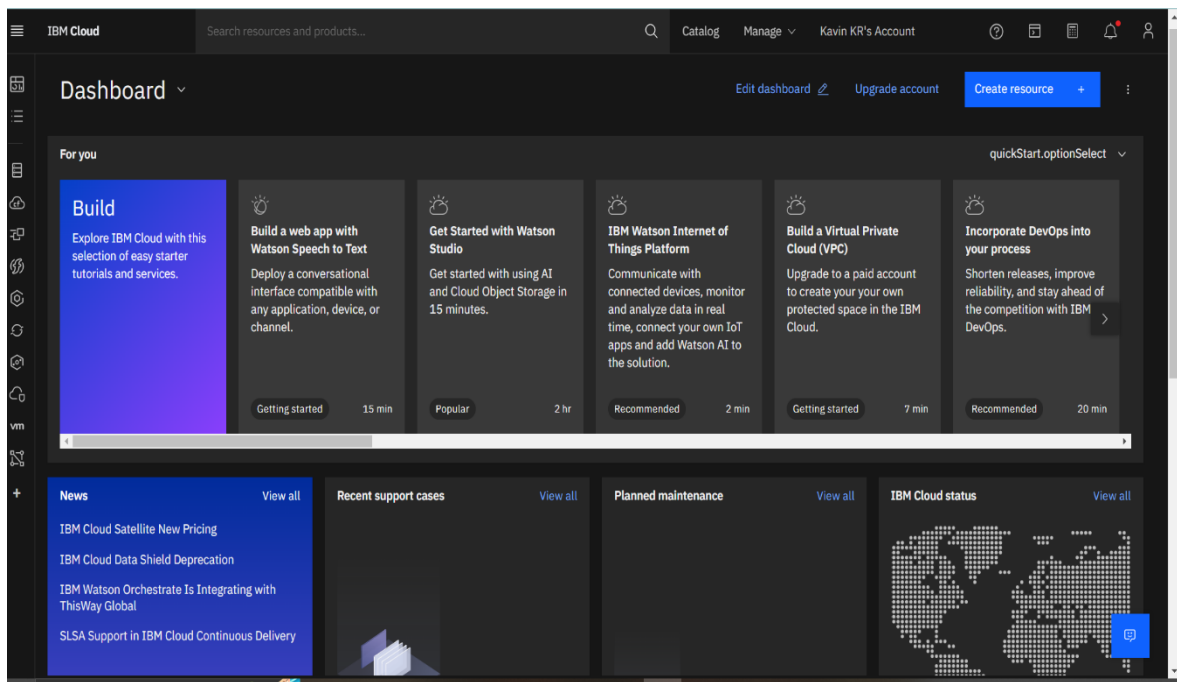


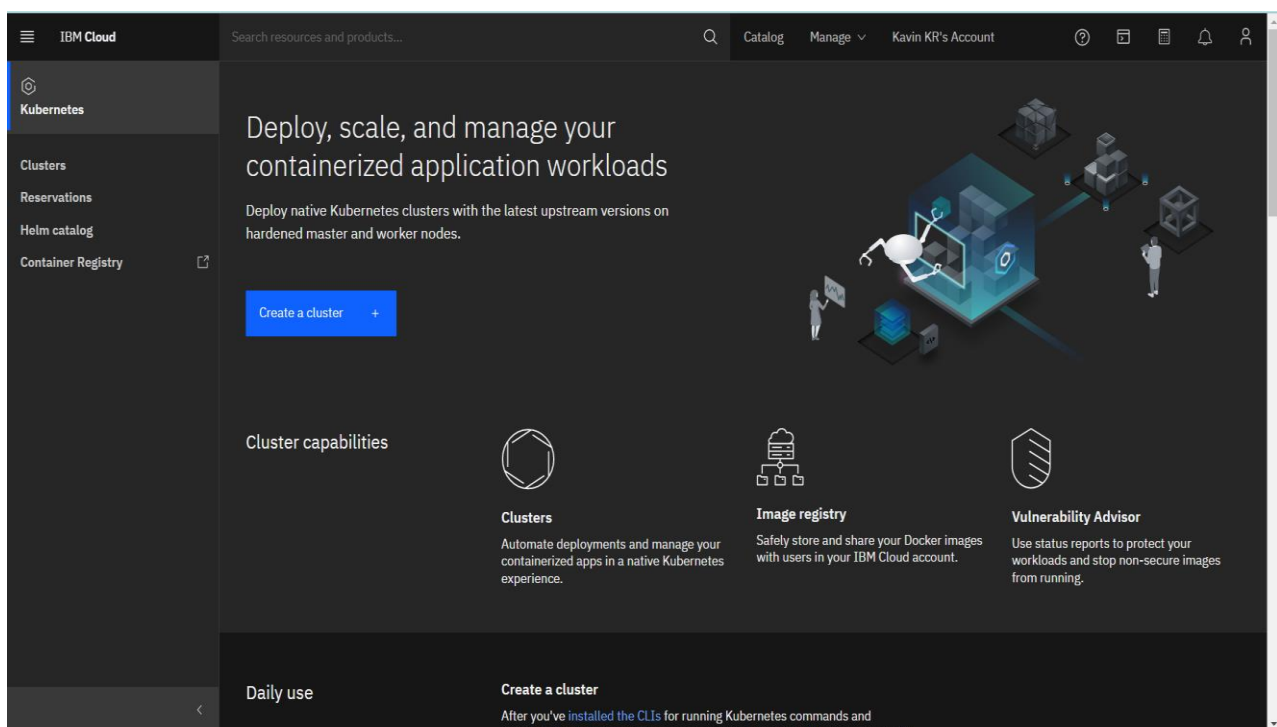
Steps:

## 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).

The screenshot shows the IBM Cloud console interface for creating a Kubernetes cluster. The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Manage, and the user's account (Kavin KR's Account). The main content area is titled 'Kubernetes cluster' and includes tabs for 'Create' and 'About'. A promotional banner for Red Hat OpenShift is visible. The 'Plan details' section shows a 'Pricing plan' dropdown set to 'Free'. The 'Kubernetes version' section has a dropdown set to '1.24.8'. On the right, a 'Summary' sidebar shows the 'Worker node' configuration: 'Free - 2 vCPUs 4GB RAM Virtual - shared Ubuntu 18'. It also displays the 'Total estimated cost' as 'Free/mo' and includes a 'Create' button and an 'Add to estimate' button.

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Kubernetes / Clusters /

## Kubernetes cluster

Author: IBM • Docs • API docs

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](#).

1.24.8

### Summary

United States

#### Kubernetes cluster

1 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.

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?

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.

1.24.8

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-mq - 7 day Event Search

1 Logging \$1.50/GB-mo  
logs-us-south-gV - 7 day Log Search

Total estimated cost \$1,919.52/mo

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

Upgrade to create

Add to estimate

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

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mycluster-free

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

Error

Unknown

Details

Master status

Deploying

Docs

Ingress status

Pending

Docs

Details

Cluster ID

cd13pu7f03mhjk6njegg

Version

1.24.8\_1544

Infrastructure

Classic

Zones

Milan 01

Created

11/17/2022, 7:24 PM

Resource group

Image security enforcement

Enable

Node health

Worker node details

IBM Cloud

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Help

Kubernetes dashboard

Actions...

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

Overview

Worker nodes

Worker pools

DevOps New

Pool: Filter...

Q Search

Add

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
00000055	Provisioning - Infrastructu...	default	Milan 01	10.144.194.107	169.51.205.54	--> 1.24.7_1543

Items per page: 25

1-1 of 1 item

1

1 of 1 page

Help

Log in to your cluster

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