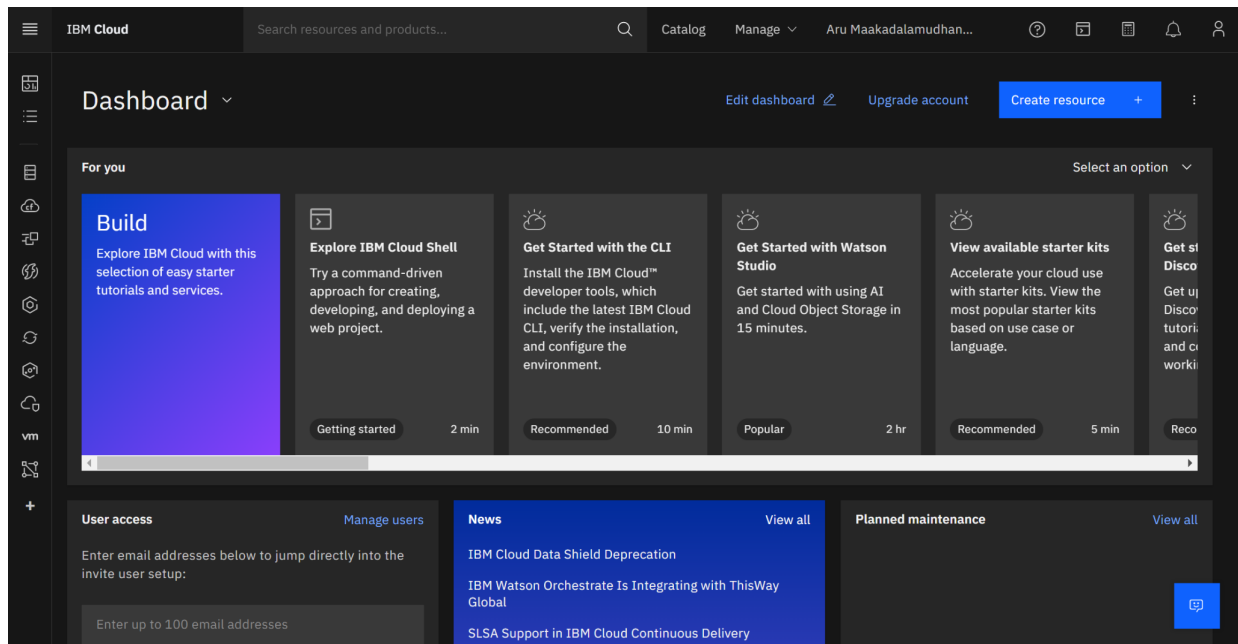


Deploy in Kubernetes Cloud

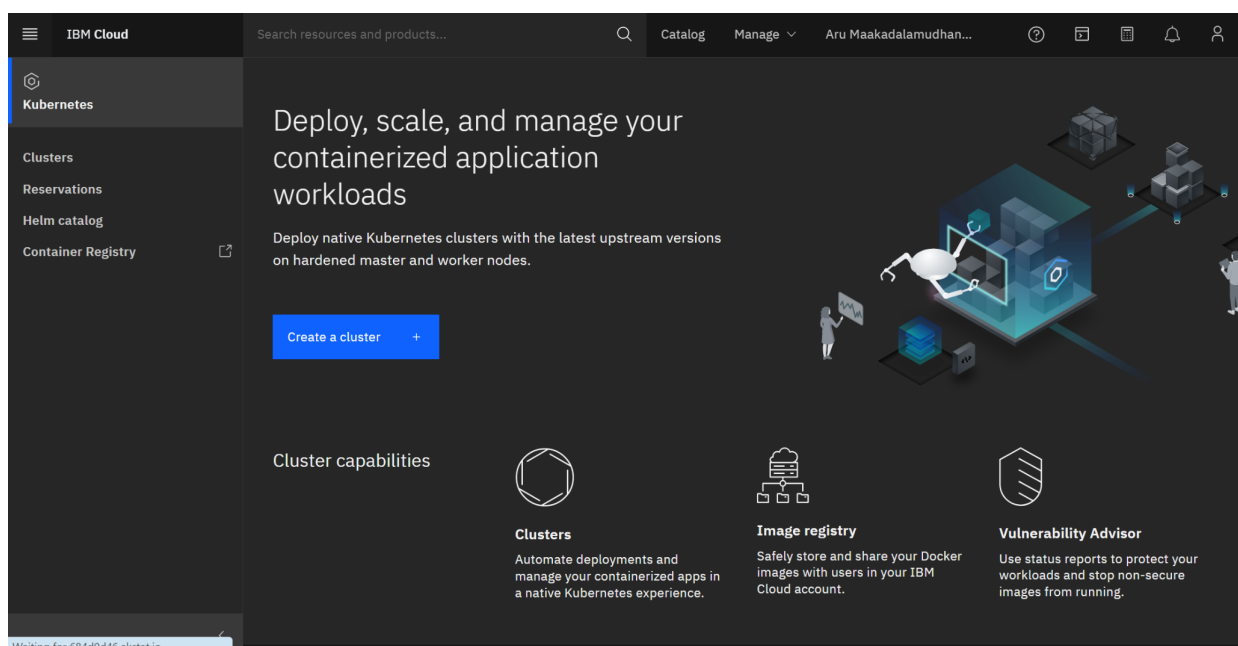
Team ID	PNT2022TMID19786
Project Name	Skill / Job Recommender Application

Steps to 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.

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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.

1.24.7

Resource details

Cluster name

mycluster-free

Resource group

Default

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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Free

Kubernetes version

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- Click on the Overview to see your cluster created.

The screenshot shows the IBM Cloud Clusters Overview page for a cluster named 'mycluster-free'. The cluster is in a 'Normal' state and 'Expires in 30 days'. The left sidebar contains links for Overview, Worker nodes, Worker pools, and DevOps (marked as 'New'). The main content area features a warning banner about the 30-day expiration. Below this, there are four status cards: Node status (1 of 1, Normal), Add-on status (0 of 0, Normal), Master status (Normal), and Ingress status (Healthy). A 'Details' section provides information about the Cluster ID, Version (1.24.8_1544), Infrastructure (Classic), Zones (Milan 01), Created time (11/17/2022, 10:25 AM), Resource group (Default), and Image security enforcement (with an 'Enable' button). At the bottom, there is a 'Node health' section and a link to 'Worker node details'.

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

The screenshot shows the IBM Cloud Clusters Worker nodes tab for the same 'mycluster-free' cluster. The 'Worker nodes' tab is selected in the sidebar. The main content area displays a table with 1 item selected. The table has columns for Name, Status, Worker pool, Zone, Private IP, Public IP, and Version. The single node listed has a name '000000f7', status 'Normal', worker pool 'default', zone 'Milan 01', private IP '10.144.214.103', public IP '159.122.186.188', and version '1.24.7_1543'. Above the table, there are buttons for Reload, Reboot, Update, Delete, and Cancel. Below the table, there is a pagination control showing '1 of 1 page'.

<input checked="" type="checkbox"/>	Name	Status	Worker pool	Zone	Private IP	Public IP	Version
<input checked="" type="checkbox"/>	000000f7	Normal	default	Milan 01	10.144.214.103	159.122.186.188	1.24.7_1543