

DEPLOYMENT OF APP IN IBM CLOUD

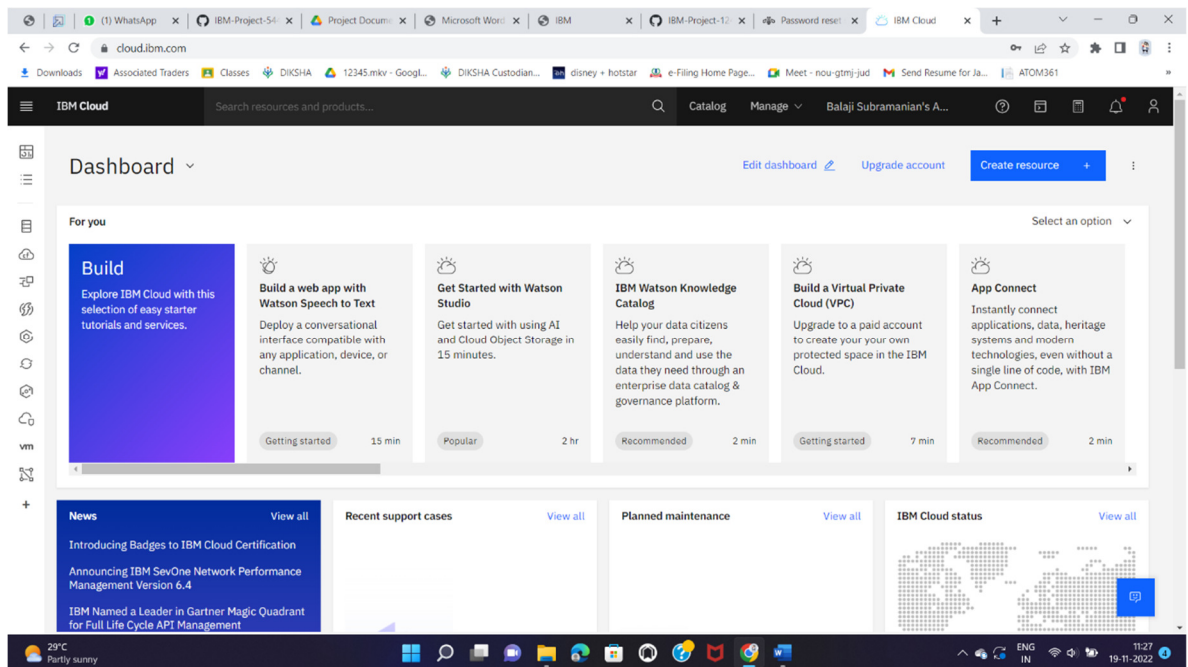
DEPLOY IN KUBERNETES CLUSTER

TEAM ID	PNT2022TMID27679
PROJECT NAME	SKILL/JOB RECOMMENDER APPLICATION

Steps:

Create a Kubernetes cluster

- Sign in to your IBM Cloud Dashboard, <https://cloud.ibm.com/>
- 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).
- 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.
- Click on the Worker Nodes tab to note the cluster's Public IP.

Create a Kubernetes cluster

The screenshot shows the IBM Cloud console interface for a Kubernetes cluster named 'mycluster-Balaji'. The cluster is in a 'Normal' state and expires in 19 days. The overview page displays the following information:

- Node status:** 1 of 1 Normal
- Add-on status:** 0 of 0 Normal
- Master status:** Normal
- Ingress status:** Healthy

The **Details** section provides the following information:

Cluster ID	Version	Infrastructure	Zones
cd123s1f0fbc61f1tv0	1.24.7_1542	Classic	Milan 01

Additional details include:

- Created:** 11/8/2022, 3:01 PM
- Resource group:** Default
- Image security enforcement:** [Enable](#)

The **Node health** section is visible at the bottom, and a [Worker node details](#) link is present on the right.

cloud.ibm.com/kubernetes/clusters/cdl23sif0fbc61ftv0/nodes

IBM Cloud

Search resources and products...

mycluster-Balaji

Normal

Expires in 19 days

Add tags

Help

Kubernetes dashboard

Actions...

Overview

Worker nodes

Worker pools

DevOps

New

Pool: Filter...

Search

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
000000cb	Normal	default	Milan 01	10.144.186.187	159.122.174.186	1.24.7_1543

ID

kube-cdl23sif0fbc61ftv0-myclusterba-default-000000cb

Status	Flavor	Private VLAN	Public VLAN
--	Free - 2 vCPUs 4GB RAM	2218181	2218179

Items per page: 25

1-1 of 1 item

1

1 of 1 page

29°C

Partly sunny

11:29

19-11-2022