

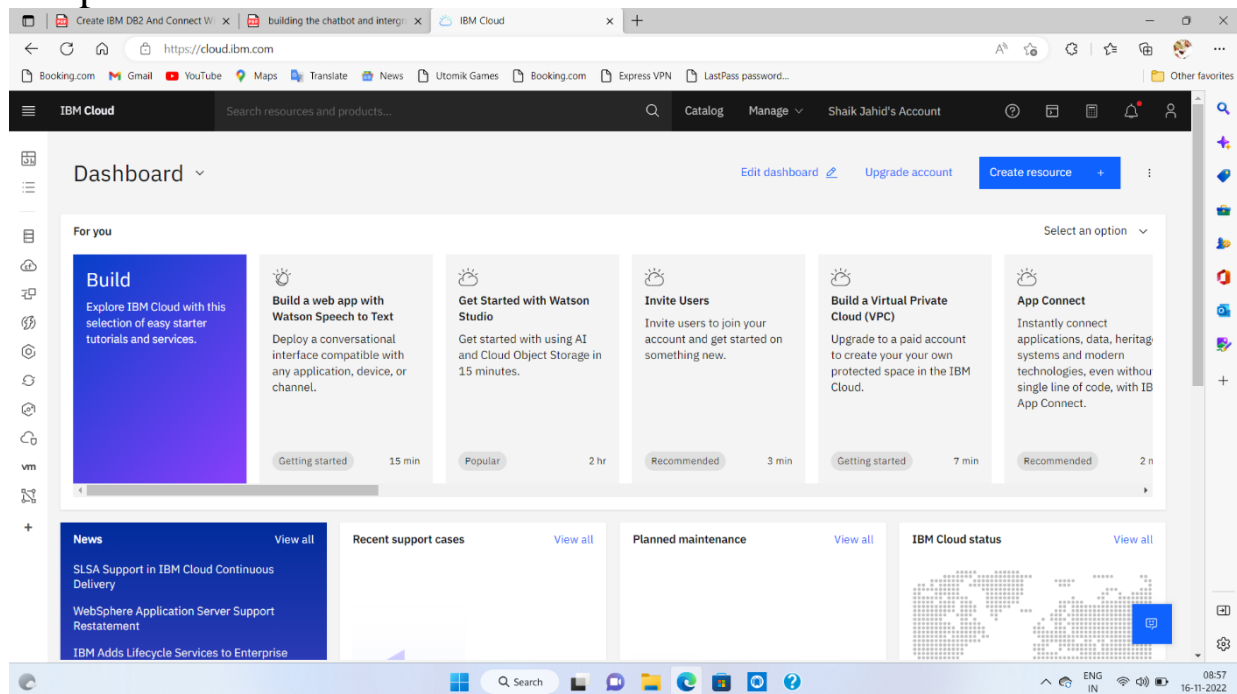
# Create a Kubernetes cluster

DATE	07-11-2022
PROJECT NAME	SKILL/JOB RECOMMENDER
TEAM ID	PNT2022TMID37614
TEAM MEMBERS	SK.JAHID(TL) S.MURALI KRISHNA A.AKHIL U.YUVAKISHORE GOUD

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.

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The screenshot shows the IBM Cloud Kubernetes dashboard for a cluster named 'mycluster-free'. The cluster is in the 'Preparing master, workers...' state and will expire in 30 days. The dashboard includes a sidebar with navigation links for Overview, Worker nodes, Worker pools, and DevOps. The main content area displays the cluster status and details.

**Cluster Overview:**

- Node status: 1 of 1 Pending
- Add-on status: Error Unknown
- Master status: Unknown
- Ingress status: Pending

**Details:**

- Cluster ID: cdq5j4mf01kaavj33qj0
- Version: 1.24.7\_1542
- Infrastructure: Classic
- Zones: Milan 01
- Created: 11/16/2022, 9:01 AM
- Resource group: [Link]
- Image security enforcement: [Enable]

**Node health:** [Link]

The screenshot shows the IBM Cloud Kubernetes dashboard for the same cluster, but with the 'Worker nodes' section selected. It displays a table of worker nodes and their details.

**Worker nodes table:**

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
00000004f	Provision pending - Preparing to provision worker	default	Milan 01			1.24.7_1543

**Node Details:**

- ID: kube-cdq5j4mf01kaavj33qj0-myclusterfr-default-00000004f
- Status: Preparing to provision worker
- Flavor: Free - 2 vCPUs 4GB RAM
- Private VLAN: 2218181
- Public VLAN: 2218179

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