

## DEPLOY THE CLUSTER IN KUBERNETES

Team id	PNT2022TMID48287
Project Name	Containment Zone Alerting Application

### Create a kubernetes cluster

The screenshot shows the IBM Cloud Clusters overview page for a cluster named 'mycluster-free'. The cluster is in the 'Preparing master, workers...' state and expires in 30 days. The overview section displays the following status:

- Node status: 1 of 1 Pending
- Add-on status: 0 of 0 Normal
- Master status: Unknown
- Ingress status: Pending

The details section shows the cluster ID, version (1.24.8\_1544), infrastructure (Classic), zones (Milan 01), and creation time (11/17/2022, 10:48 PM). There is an 'Enable' button for image security enforcement.

The node health section shows the status of the worker nodes. The 'Worker nodes' tab is selected, showing a table of worker nodes.

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
0000009e	Normal	default	Milan 01	10.144.180.5	169.51.195.60	1.24.7_1543

### Created a worker node

The screenshot shows the IBM Cloud Clusters worker nodes page for a cluster named 'dddnalaiyathiran'. The cluster is in the 'Normal' state and expires in 26 days. The 'Worker nodes' tab is selected, showing a table of worker nodes.

Name	Status	Worker pool	Zone	Private IP	Public IP	Version
0000009e	Normal	default	Milan 01	10.144.180.5	169.51.195.60	1.24.7_1543

