

4. Create a Kubernetes cluster in IBM cloud and deploy helloworld image or jobportal image and also expose the same app to run in node

The screenshot shows the IBM Cloud Kubernetes cluster overview page for 'mycluster-01'. The cluster is in a 'Normal' state and expires in 30 days. A warning banner indicates that the cluster will be deleted in 30 days and advises backing up data. The overview includes four status cards: Node status (1 of 1, Normal), Add-on status (0 of 0, Normal), Master status (Normal), and Ingress status (Unknown). Below these is a 'Details' section with the following information:

Cluster ID	Version	Infrastructure	Zones
cdouf2ef09uaonn50h60	1.24.7_1542	Classic	Milan 01

Created	Resource group	Image security enforcement
11/14/2022, 12:30 PM	Default	Disable

The screenshot shows the Kubernetes deployment details page for 'sample-app'. The left sidebar contains a navigation menu with options like Jobs, Pods, Replica Sets, Replication Controllers, Stateful Sets, Service, Ingresses, Deployments, and Config and Storage. The main content area displays the following information:

Labels: app: sample-app, pod-template-hash: d9bfd84d9

Resource information:

Node	Status	IP	QoS Class	Restarts	Service Account
docker-desktop	ImagePullBackOff	10.1.0.48	BestEffort	0	default

Annotations: deployment.kubernetes.io/revision: 1, kubectll.kubernetes.io/last-applied-configuration

Resource information:

Strategy	Min ready seconds	Revision history limit
RollingUpdate	0	10

Selector: app: sample-app

Rolling update strategy:

Max surge	Max unavailable
25%	25%