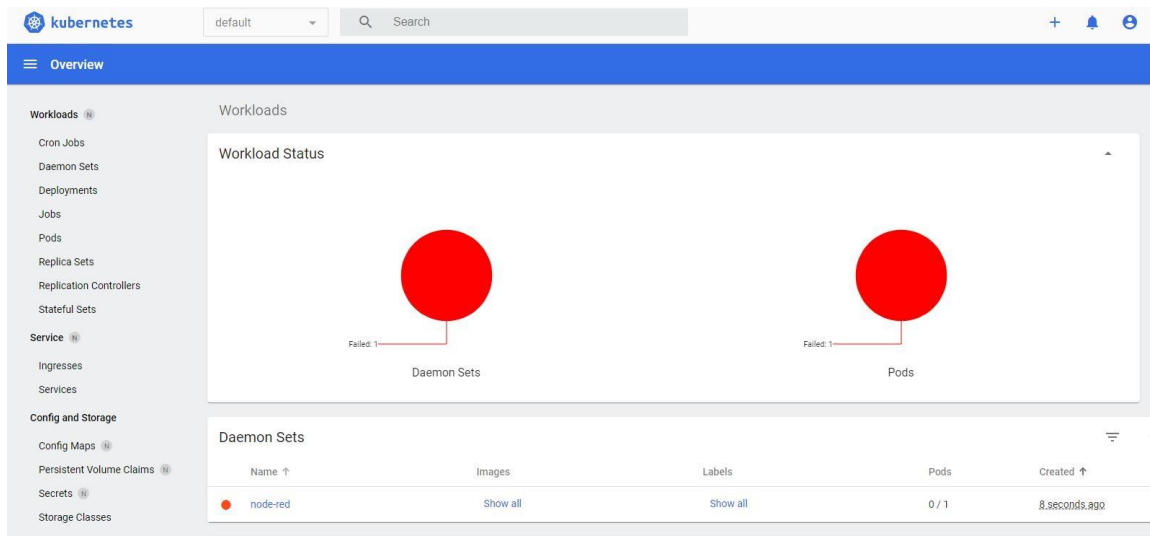


# Create and configure IBM cloud services

## Creation of node-RED

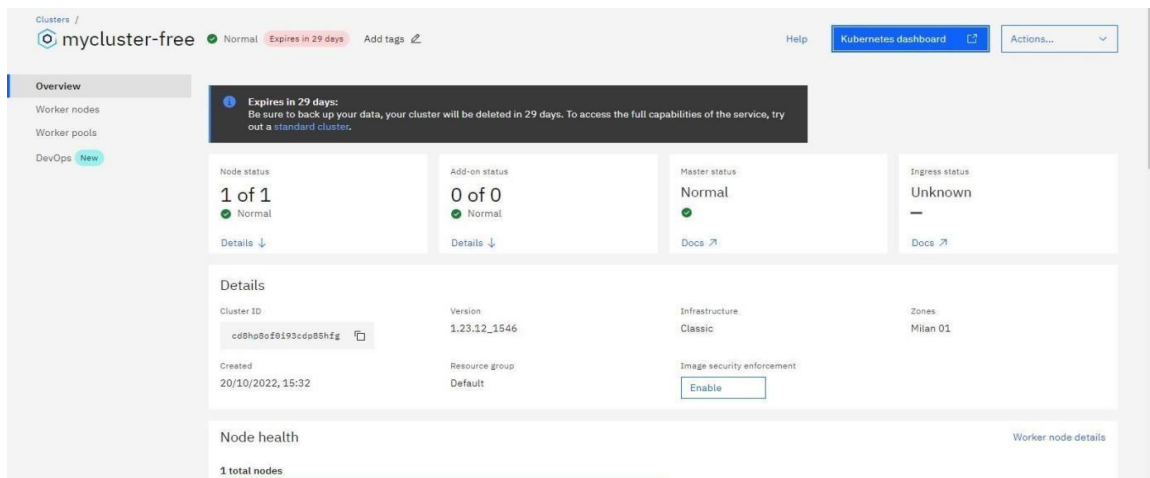
Date	01 November 2022
Team ID	PNT2022TMID33746
Project Name	Project – IOT Based Real-time River Water Quality Monitoring and Control System
Maximum Marks	4 Marks

## NODE RED



The screenshot shows the Kubernetes Dashboard. The left sidebar contains navigation links for Overview, Workloads, Service, and Config and Storage. The main area displays the 'Workloads' section, showing a 'Workload Status' card with two red circles indicating 'Failed 1' for 'Daemon Sets' and 'Pods'. Below this, a table lists 'Daemon Sets' with columns for Name, Images, Labels, Pods, and Created. The table shows one entry: 'node-red' with 0/1 pods and a creation time of 8.36c00ds.ago.

Name	Images	Labels	Pods	Created
node-red	Show all	Show all	0 / 1	8.36c00ds.ago



The screenshot shows the 'mycluster-free' dashboard. The top bar includes a 'Help' link, a 'Kubernetes dashboard' link, and an 'Actions...' dropdown. The left sidebar shows navigation links for Overview, Worker nodes, Worker pools, and DevOps. The main area displays a 'Node status' card showing '1 of 1' nodes in 'Normal' status. Below this, a 'Details' section provides information about the cluster, including Cluster ID, Version, Infrastructure, Zones, Created time, Resource group, and Image security enforcement. A 'Node health' section at the bottom shows '1 total nodes' with a green progress bar.

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

Cluster ID	Version	Infrastructure	Zones
cd8hp8oF8l93cdp85hfg	1.23.12_1546	Classic	Milan 01

Created	Resource group	Image security enforcement
20/10/2022, 15:32	Default	Enable

Node health: 1 total nodes

kubernetes

default

Search

Config and Storage

Config Maps

kube-root-ca.crt

Workloads

Cron Jobs

Daemon Sets

Deployments

Jobs

Pods

Replica Sets

Replication Controllers

Stateful Sets

Service

Ingresses

Services

Config Maps

Persistent Volume Claims

Secrets

Storage Classes

Metadata

Name	Namespace	Created	Age	UID
kube-root-ca.crt	default	Oct 20, 2022	18 hours ago	d7c8876f-6709-4f64-aad2-3d4b6cb1e8d3

Annotations

kubernetes.io/description

Data

```
1 1
2 2
3 3
4 4
5 5
6 6
7 7
8 8
9 9
10 10
11 11
12 12
13 13
14 14
15 15
16 16
17 17
18 18
19 19
```

filter nodes

common

inject

debug

complete

catch

status

link in

link call

link out

comment

function

switch

change

range

Flow 1

Hello Node-RED!

msg payload

info

Search flows

Flows

Flow 1

Subflows

Global Configuration Nodes

Flow 1

Flow

"39c0e87107bddacb"

Enable or disable these tips from the option in the settings