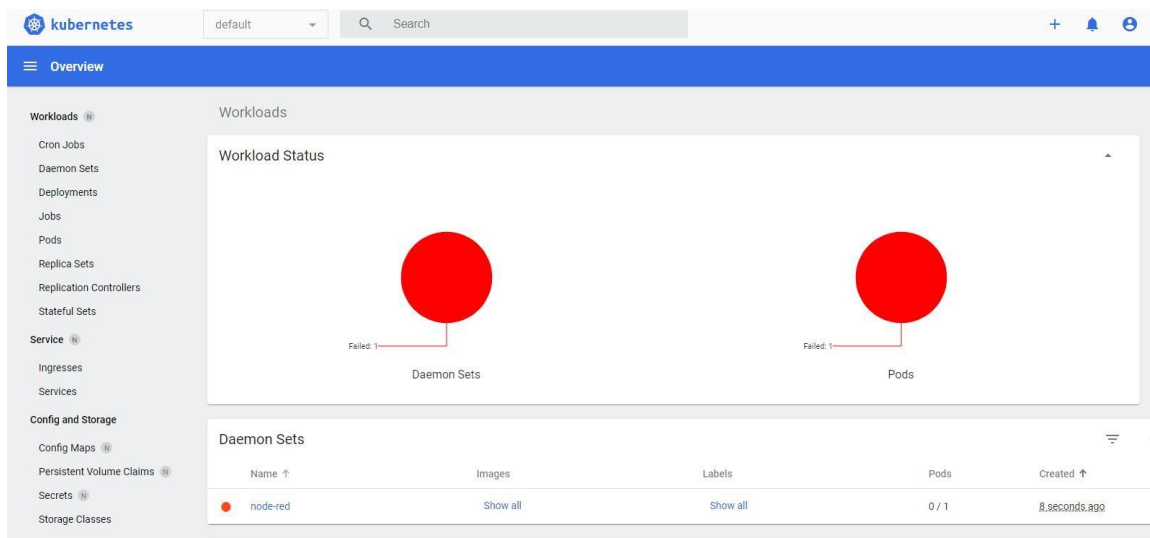


Create and configure IBM cloud services

Creation of node-RED

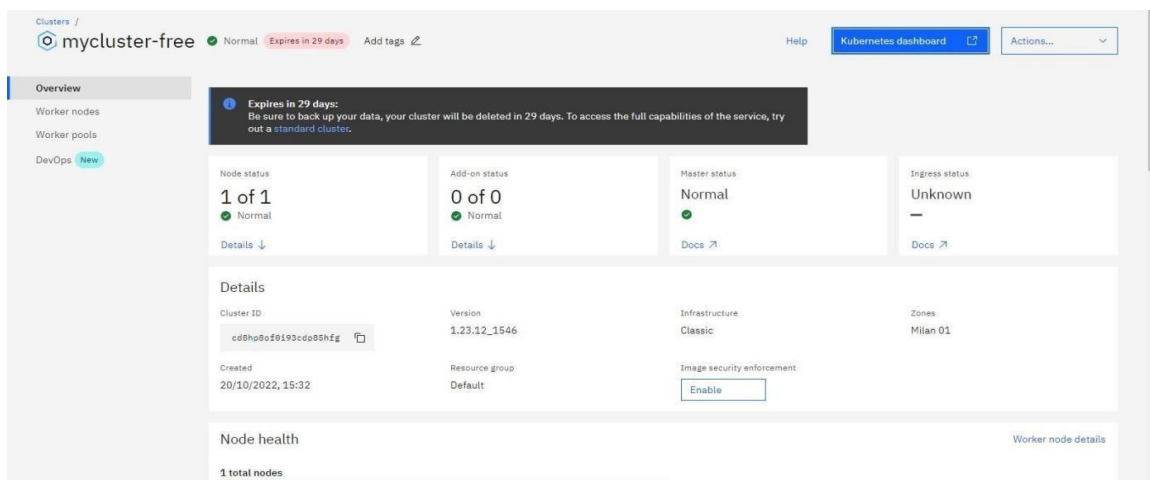
Date	10 November 2022
Team ID	PNT2022TMID31051
Project Name	Project – IOT Based Real – time River Water Quality Monitoring and Control System
Maximum Marks	4 Marks

NODE RED



The screenshot shows the Kubernetes Dashboard interface. The left sidebar contains navigation links for Workloads, Service, Config and Storage, and other resources. The main content area displays the 'Workloads' section, showing a 'Workload Status' card with two red circles indicating failed Daemon Sets and Pods. Below this, a table lists the 'Daemon Sets' with columns for Name, Images, Labels, Pods, and Created. The table shows one entry for 'node-red' with 0 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 navigation bar includes 'Clusters / mycluster-free' with a status of 'Normal' and a warning 'Expires in 29 days'. The main content 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 the Cluster ID, Version (1.23.12_1546), Infrastructure (Classic), Zones (Milan 01), Created date (20/10/2022, 15:32), Resource group (Default), and Image security enforcement (Enable). The bottom section shows 'Node health' with '1 total nodes' in a green 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

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 and Storage

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 | {
2 |   "ca.crt": "-----BEGIN CERTIFICATE-----
3 |   MIIQDCCA1igAwIBAgIUyVcXUuRplbdcB0Sd0rN5LqNjUuQVYKozIhvcNAQEL
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