

# Create and configure IBM cloud services

## Creation of node-RED

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Project Name	Real Time River Water Quality Monitoring and Control System .
Maximum Marks	

## NODE RED

The screenshot displays the Kubernetes dashboard interface. The left sidebar shows the navigation menu with categories: Workloads, Service, and Config and Storage. The main content area is titled 'Workloads' and shows a 'Workload Status' section with two large red circles representing failed DaemonSets and Pods. Below this, a table lists the 'node-red' DaemonSet, showing it is in a 'Failed' state with 0/1 pods running, and it was created 8 seconds ago.

Name ↑	Images	Labels	Pods	Created ↑
node-red	Show all	Show all	0 / 1	8.seconds.ago

Clusters /

mycluster-free

Normal

Expires in 29 days

Add tags

Help

Kubernetes dashboard

Actions...

Overview

Worker nodes

Worker pools

DevOps New

Expires in 29 days:

Be sure to back up your data, your cluster will be deleted in 29 days. To access the full capabilities of the service, try out a standard cluster.

Node status

1 of 1

Normal

Details

Add-on status

0 of 0

Normal

Details

Master status

Normal

Docs

Ingress status

Unknown

Docs

Details

Cluster ID

cd8hp0o0f0l93cdp08hfg

Version

1.23.12\_1546

Infrastructure

Classic

Zones

Milan 01

Created

20/10/2022, 15:32

Resource group

Default

Image security enforcement

Enable

Node health

1 total nodes

Worker node details

kubernetes

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[Config and Storage](#) > [Config Maps](#) > [kube-root-ca.crt](#)

**Workloads**

- Cron Jobs
- Daemon Sets
- Deployments
- Jobs
- Pods
- Replica Sets
- Replication Controllers
- Stateful Sets

### 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     MIIDQCCAIigAwIBAgIUVCyXUirDplbddC0Sd0rNLSqNUJQVYKozZlhvcNAQEL
4     BQAwODQzNDQGAUUEAHEHY2Q4aH42VuaTkzY2RuODV6Zmcta3ViZXJlcy1j
5     YSBoYVJvY2VybnRjaWwBAQIDTjhtJAyPDA3ITGpmFDDI3NTAOTASITGpmFDOGE2
6     MQGAUUEAHEHY2Q4aH42VuaTkzY2RuODV6Zmcta3ViZXJlcy1jYSBoYVJvY2
7     YVJvY2VybnRjaWwIIIBjANBgkqhkiG9w0BAQEFAAOCAQAMIAIBgKCACAAwMAsSuqYtK
8     H6YzV2Y2In6S0qRSuHejmsOgVUsR6jZnObu78rMIYCyzLNK0KL3ae3kc/7HgB13s
9     Rk/eHz4tZD0bRDQD/uKYRzegucTAmIkadyIEZg8jfmuxjNSp5MyPV9S3Zo+yYB
10    Yfhdd/yHIspYIOB9+SH2B+DSduThFlvxprqoocVL7mEqocCVL7mEqocCVL7mEqoc
11    /ztLUIGuNB4+NdsFRl3GB/yNaa+/ADbxHepj3b+vQULi1vckhHwaJ+pBEdua
12    qKktAFUV3IRCE6bi3xlyJCCT5UEAQBTc0Z0k1ZYWYbKheDBaIHzcVQ5NeGq1oz
13    QBP2dk3/+QIDAQABo8iwQAOBGNVHQ8BAEBAEKACQYNduVDVRtAGH/BAluAAEB
14    /zADBGVHQA4FEFGUBj8JC+vAEIbsKrPT2imW4IQhe4uQY7KoZIhvCNALBQAD
15    ggeBAD1ell3gm3HL0tHyRBhgIKCPGFvQrHLPMsbqLtAHM/SxvhjkwoolShpY8c
16    6TE0Ver7B3j17mneasSGHB83dc9wf/fmSTIp1Sc3Jue3o9MLNDPS+NZCYDFj
17    qenLiChY+VE07/SrFuajaytotAn1rd6UbaAP1vurFCUKNsFXhd15T8jtCaRo
18    LeyUUCnox3GCsm/gQSEsIEqdLPxrx9T3ruF6LT4YaR9ghReIr2FsqeFVPQrTLhp
19    VIOaulthUCzve89n4PrbAB2bj19XSmfcvp/lBFLC+vDTUjs5saBo7o8gl4UYKFG
          
```