

Team Id: PNT2022TMID04862

Project Title: News Tracker Application

Deployment Of App In IBM Cloud

Deploy In Kubernetes Cluster

```
Plug-in 'container' was not found on disk or in the repository 'IBM Cloud'.
Use 'ibmcloud plugin repo-plugins -r 'IBM Cloud'' to list plugins available in the repo.

C:\Users\SANDHIYA>ibmcloud plugin install container-registry
Looking up 'container-registry' from repository 'IBM Cloud'...
Plug-in 'container-registry[cr] 1.0.2' found in repository 'IBM Cloud'
Attempting to download the binary file...
11.90 MiB / 11.90 MiB [=====] 100.00% 1m34s
12476416 bytes downloaded
Installing binary...
Plug-in 'container-registry 1.0.2' was successfully installed into C:\Users\SANDHIYA\bluemix\plugins\container-registry. Use 'ibmcloud plugin show container-registry' to show its details.

C:\Users\SANDHIYA>ibmcloud plugin install observe-service
Looking up 'observe-service' from repository 'IBM Cloud'...
Plug-in 'observe-service 1.0.82' found in repository 'IBM Cloud'
Attempting to download the binary file...
13.38 MiB / 13.38 MiB [=====] 100.00% 1m40s
14024704 bytes downloaded
Installing binary...
Plug-in 'observe-service 1.0.82' was successfully installed into C:\Users\SANDHIYA\bluemix\plugins\observe-service. Use 'ibmcloud plugin show observe-service' to show its details.

C:\Users\SANDHIYA>ibmcloud plugin list
Listing installed plug-ins...

Plugin Name      Version  Status  Private endpoints supported
container-registry 1.0.2    true    false
observe-service[ob] 1.0.82   false

C:\Users\SANDHIYA>
```

The screenshot displays the IBM Cloud console interface for a Kubernetes cluster named 'mycluster-free'. The cluster is in a 'Normal' state and is scheduled to expire in 30 days. The overview section shows the following status:

- Node status:** 1 of 1 Normal
- Add-on status:** 0 of 0 Normal
- Master status:** Normal
- Ingress status:** Healthy

The details section provides the following information:

- Cluster ID:** ccd18u8t9174oiuek979
- Version:** 1.24.8_1544
- Infrastructure:** Classic
- Zones:** Milan 01
- Created:** 11/18/2022, 2:59 PM
- Resource group:** Default
- Image security enforcement:** Enable

The bottom section shows 'Node health' and a link to 'Worker node details'.

IBM Cloud

Search resources and products...

Q Catalog Manage Sandhya S's Account

Help Kubernetes dashboard Actions...

Clusters / mycluster-free Normal Expires in 30 days Add tags

Overview

Worker nodes

Worker pools

DevOps New

Pool: Filter...

Q Search

Add +

<input type="checkbox"/>	Name	Status	Worker pool	Zone	Private IP	Public IP	Version
<input checked="" type="checkbox"/>	00000001	Normal	default	Milan 01	10.144.214.47	159.122.181.147	1.24.7_1543

Items per page: 25

1-1 of 1 item

1 1 of 1 page

IBM Cloud

Search resources and products...

Q Catalog Manage Sandhya S's Account

Create resource +

Resource list

Q Filter by name or IP address...

Filter by group or org...

Filter...

Q Filter...

Q Filter...

Filter...

Compute (0)

Containers (1)

mycluster-free Default Frankfurt Kubernetes Service Deploying -

Networking (0)

Storage (1+)

AI / Machine Learning (1+)

Analytics (0)

Blockchain (0)

Databases (1)

Db2-gt Default Dallas Db2 Active -

Developer tools (0)