Deploy, scale, and manage your containerized application workloads

Deploy native Kubernetes clusters with the latest upstream versions on hardened master and worker nodes.

Create a cluster +

Cluster capabilities

Clusters

Automate deployments and manage your containerized apps in a native Kubernetes experience.

Image registry

Safely store and share your Docker images with users in your IBM Cloud account.

Vulnerability Advisor

Use status reports to protect your workloads and stop non-secure images from running.

Daily use

Create a cluster

After you've installed the CLIs for running Kubernetes commands and managing Docker images, you can create your first cluster! Be sure to specify the cluster configurations that fit your needs.

```
ibmcloud ks cluster create --location dal10 --public-vlan <public_vlan_id> --private-vlan <private_vlan_id> --machine-type b2c.4x16 --workers 3 --n
```

Add a namespace to your registry

With the registry plug-in installed, you can create a namespace and push images to your private registry.

```
ibmcloud cr namespace-add <namespace_name>
```

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Kubernetes / Clusters /

Kubernetes cluster

Author: IBM • Docs • API docs

Create | About

Plan details

Learn more about the differences between plans in our docs.

Pricing plan

Standard

Infrastructure

Choose which network and compute environment to run your cluster on. Learn more about the differences.

Classic
Run your cluster with native subnet and VLAN networking on our classic infrastructure.

VPC
Create a fully customizable, software-defined virtual network with superior isolation using IBM Cloud VPC.

Kubernetes version

Select the Kubernetes platform version for your cluster. For more information about versions, including links to the container platform community release notes, see the docs.

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Kubernetes cluster

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Create | About

Plan details

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Pricing plan

Free

Kubernetes version

Select the Kubernetes platform version for your cluster. For more information about versions, including links to the container platform community release notes, see the docs.

Resource details

Cluster name

mycluster-free

Resource group

Default

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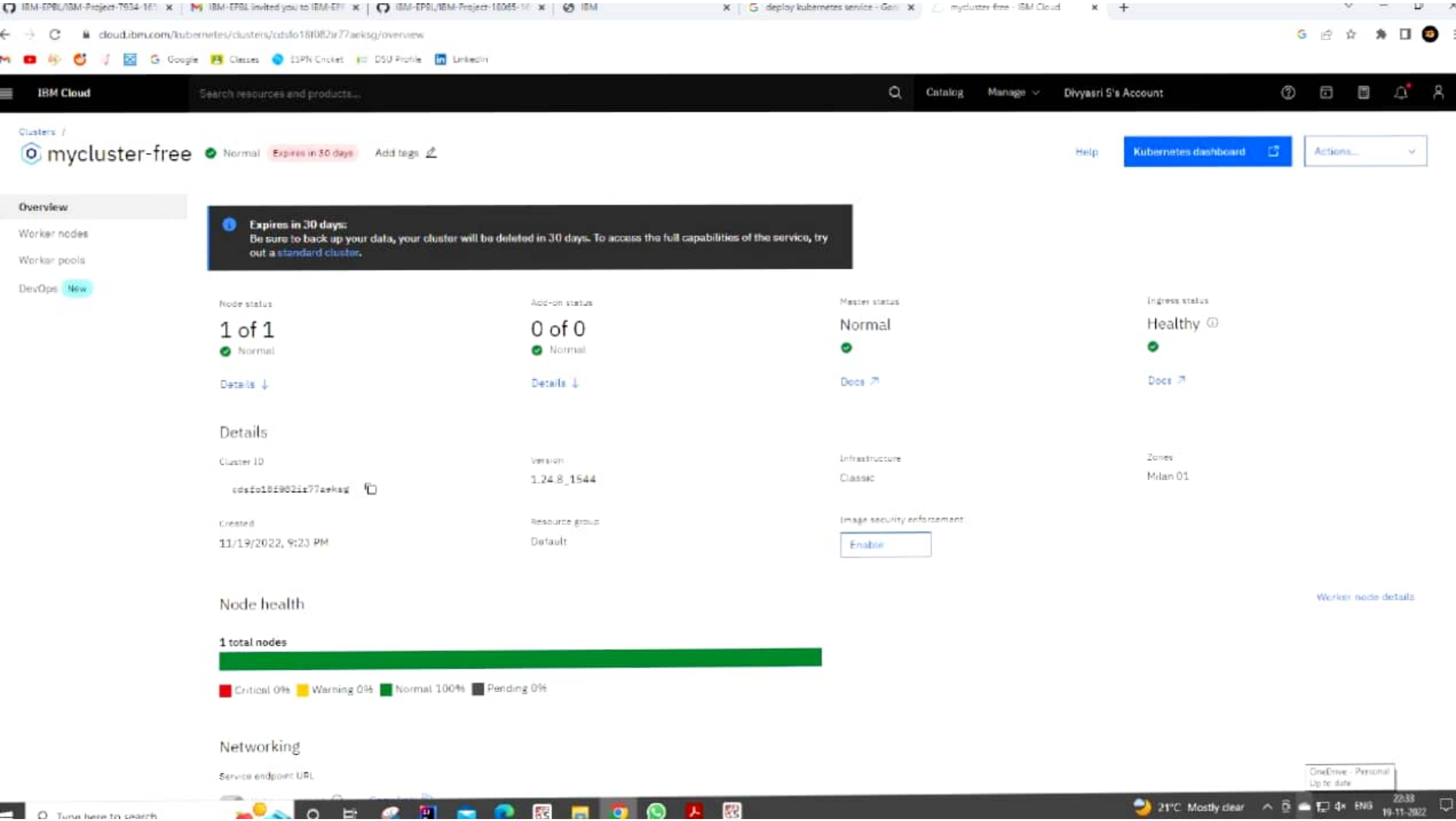

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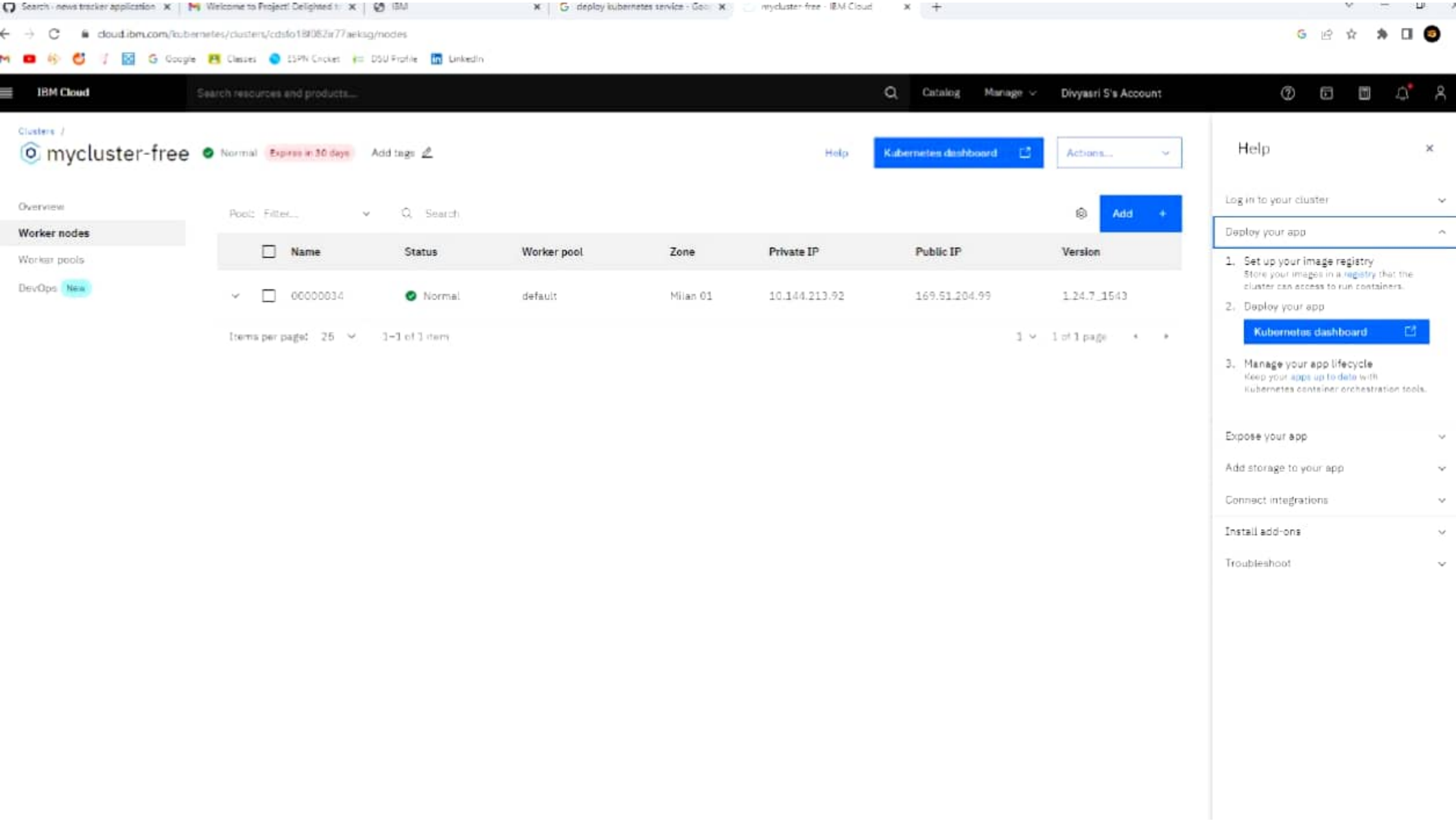

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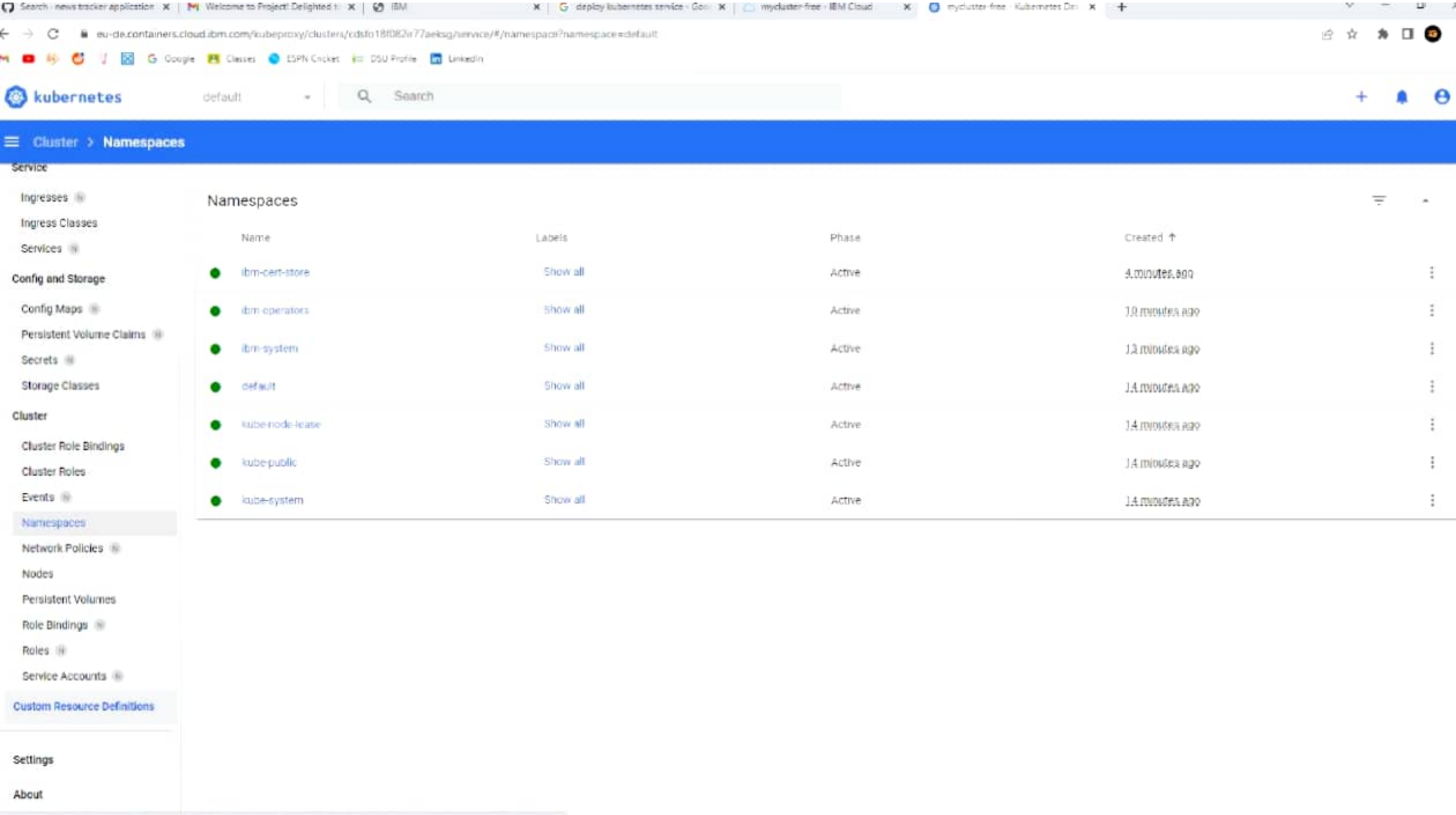

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