

## Blueprint in Omnideq - Demo

Blueprint is the functionality provided by Omnideq to help users to deploy the application to preferred Kubernetes cluster.

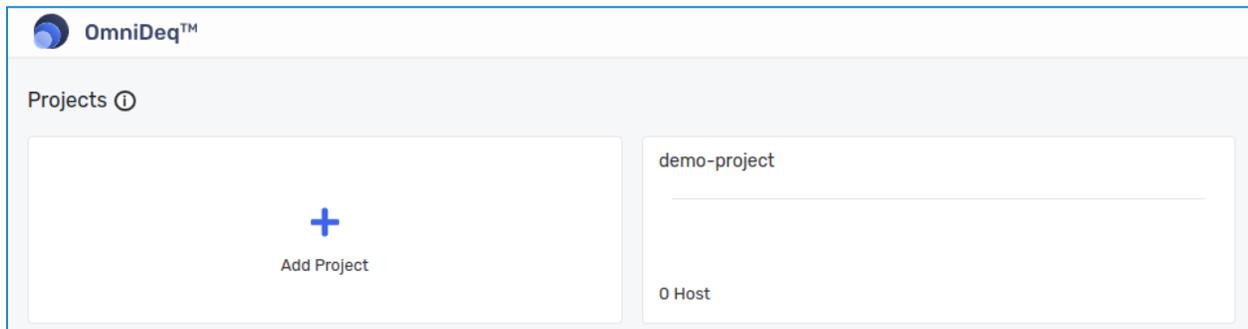
The overview and details related to Cruize, Blueprint can be found on [this link](#).

### Prerequisites

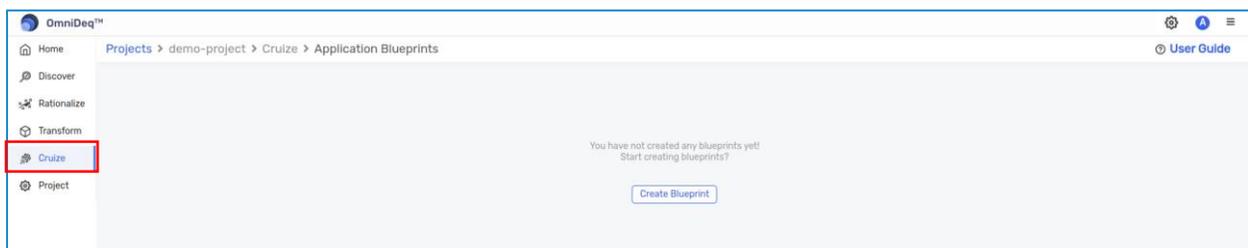
- Access to Omnideq
- Cruize subscription uploaded in Omnideq

### Let's start by creating a project (demo-project)

- Login to Omnideq
- Create a project

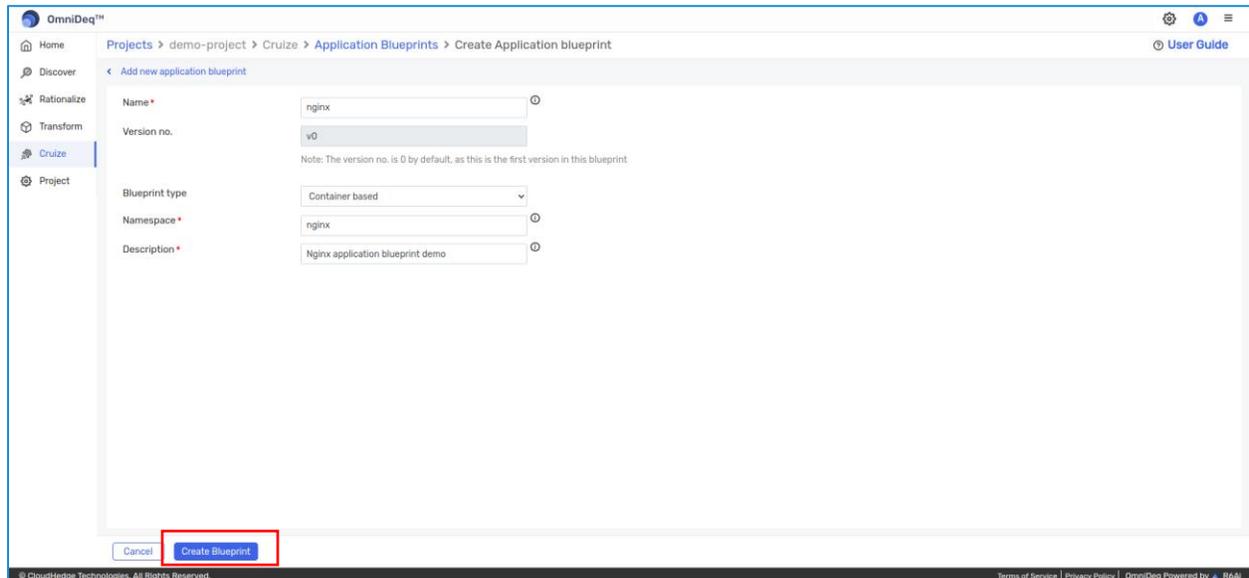


- Click on '**Cruize**' on the left side column
- Click on '**Create Blueprint**' button



**We have taken 'nginx' here for deployment.**

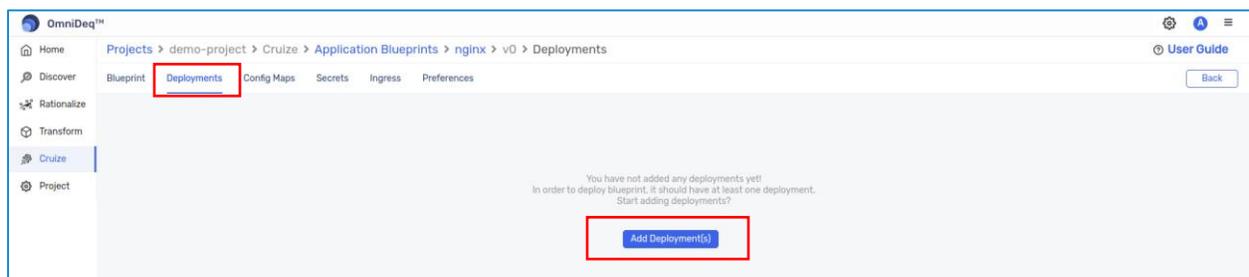
- Fill in the details
- Click on **'Create Blueprint'** button at the bottom



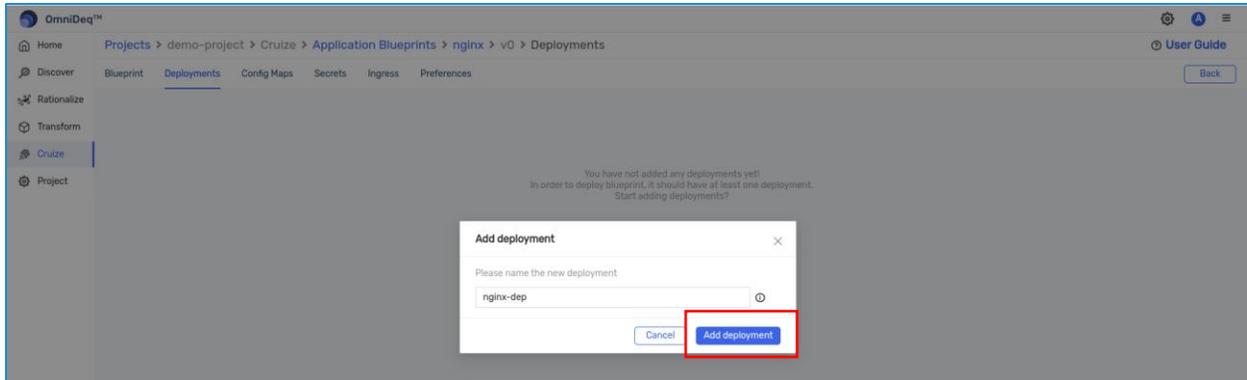
The blueprint will be created

You will be re-directed to the deployments screen as below.

- Click on **'Deployments'** tab.

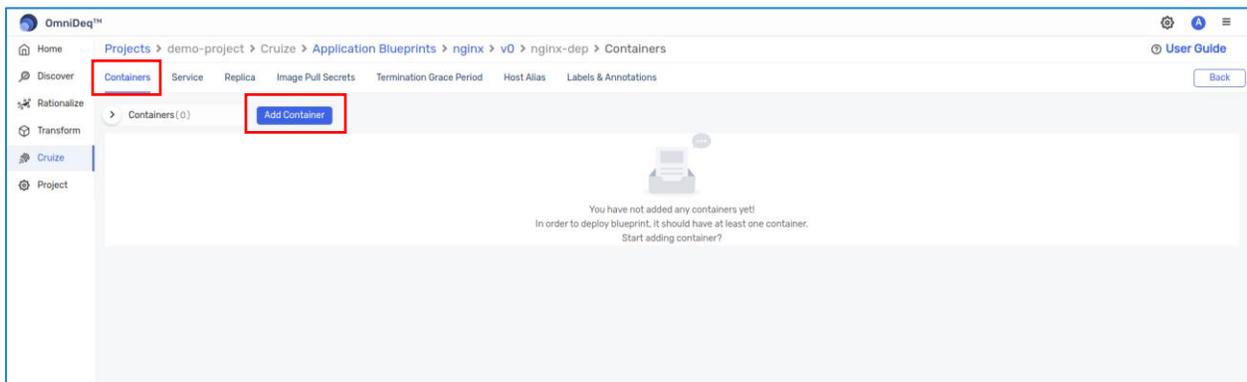


- Click on **'Add Deployment(s)'** button
- Enter the name for deployment
- Click on **'Add deployment'** button

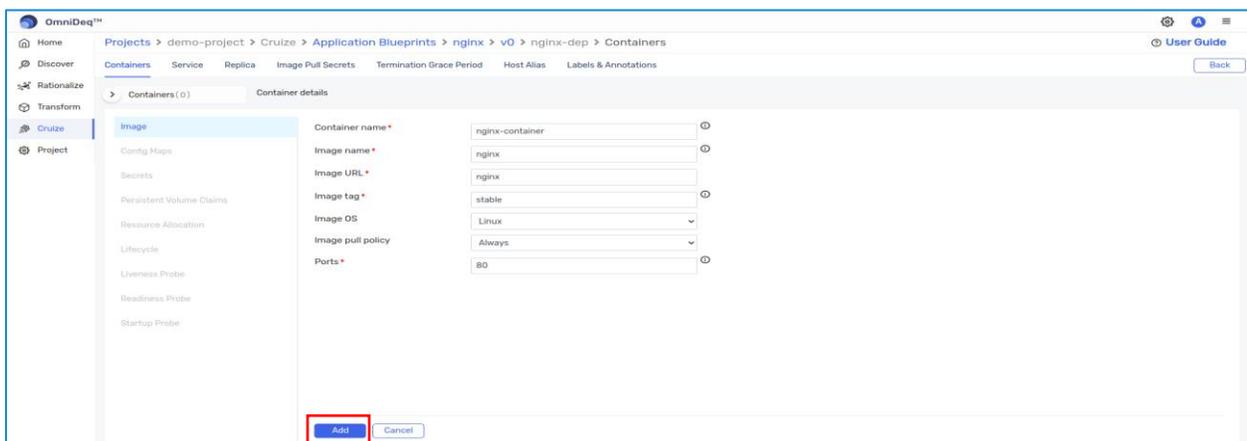


You will be re-directed to the containers screen as below

- Click on **'Add Container'** button



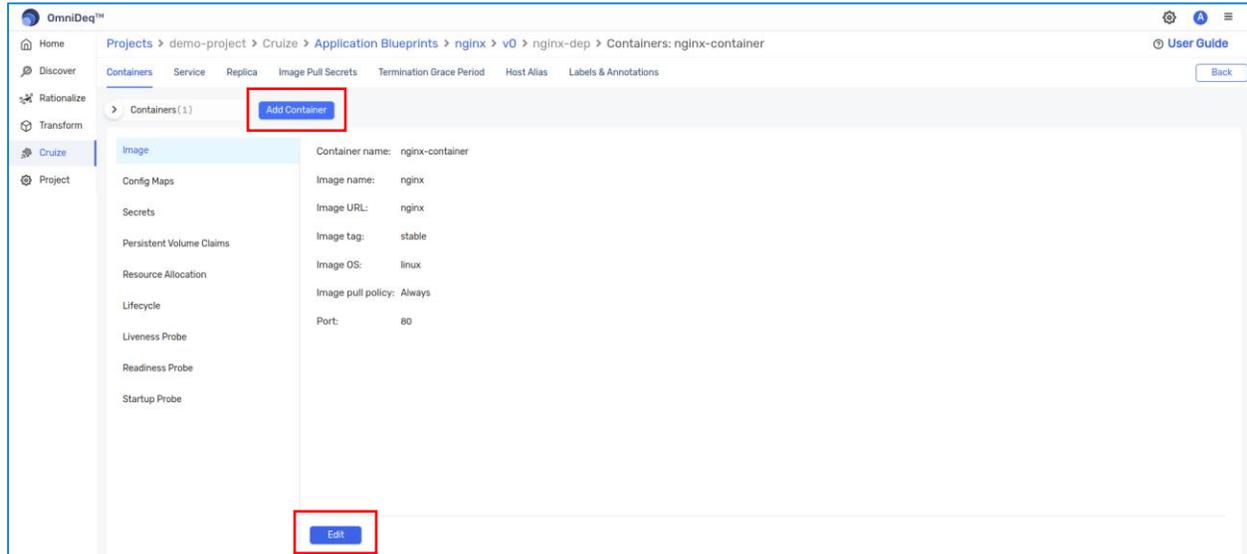
- Fill in the details
- Click on **'Add'** button at the bottom



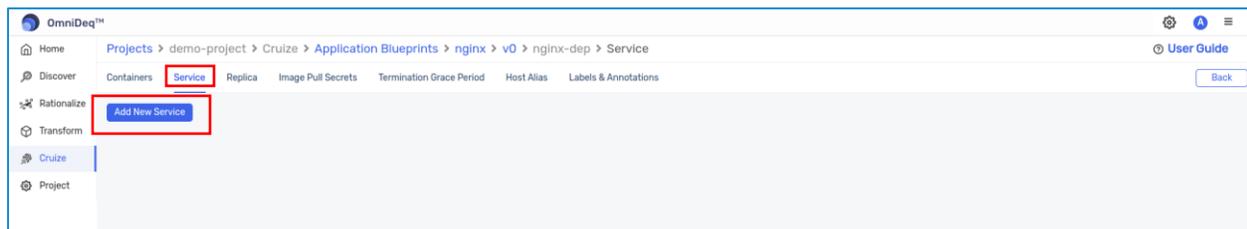
This will create a container.

If you want to add another container, you can add one by clicking on **'Add Container'** button

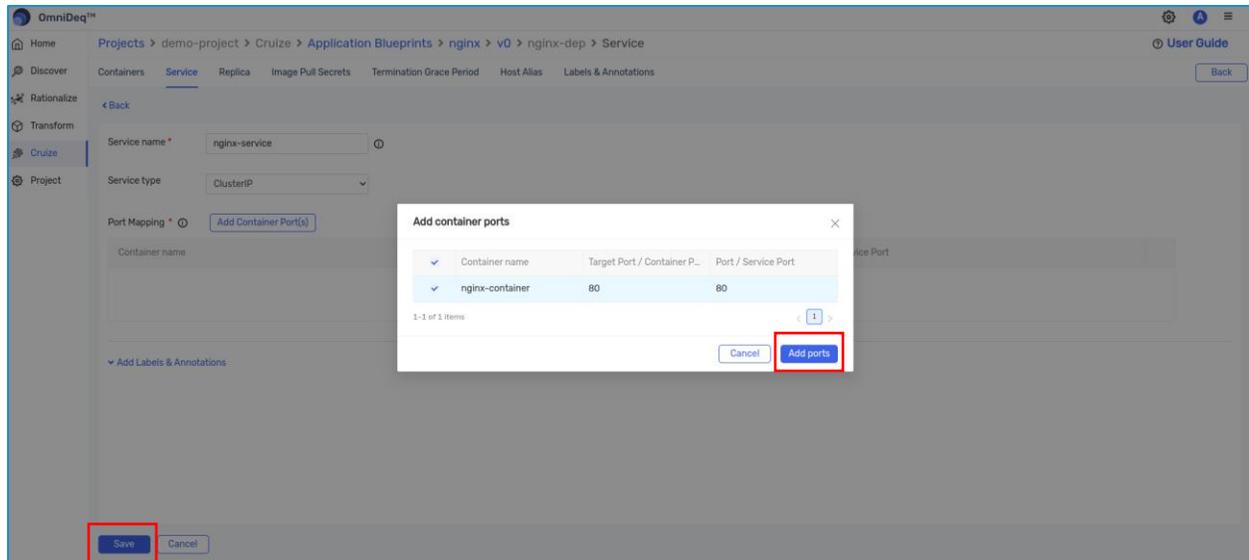
Or if you want to edit the container, click on **'Edit'** button at the bottom



- Add the service to the container, click on **'Service'** tab
- Click on **'Add New Service'** button



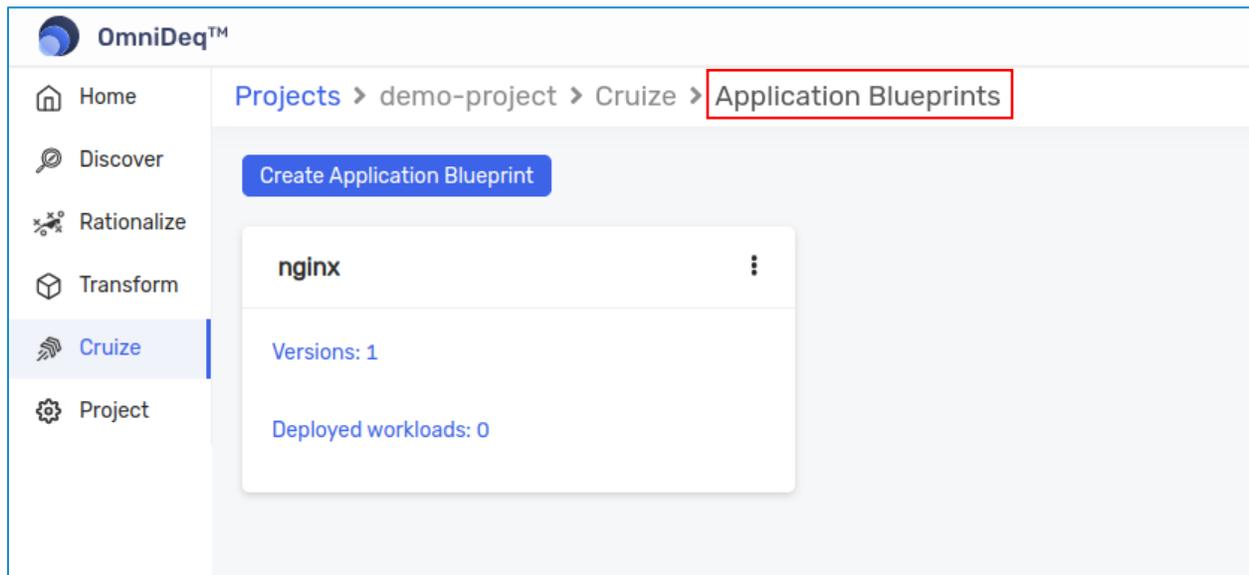
- Fill up the details
- Change the **'Service type'** to ClusterIP, NodePort or LoadBalancer as per requirement
- Click on **'Add Container Port(s)'** button
- Select the port(s)
- Click on **'Add ports'** button



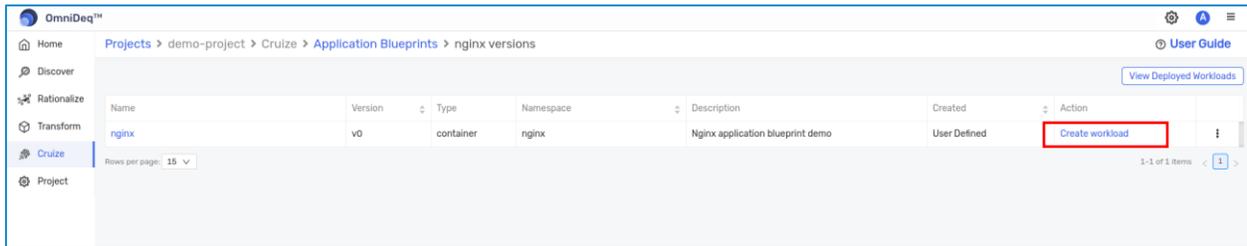
- Click on **'Save'** button at the bottom

Once blueprint created, go back to application blueprints page

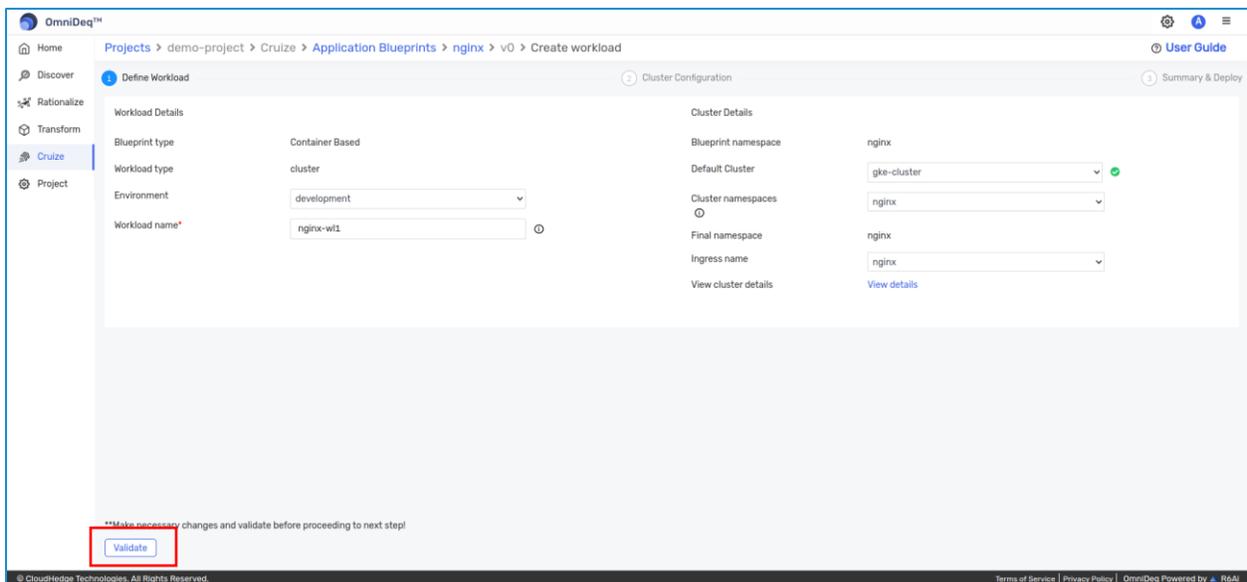
- Click on **'Versions:'** button



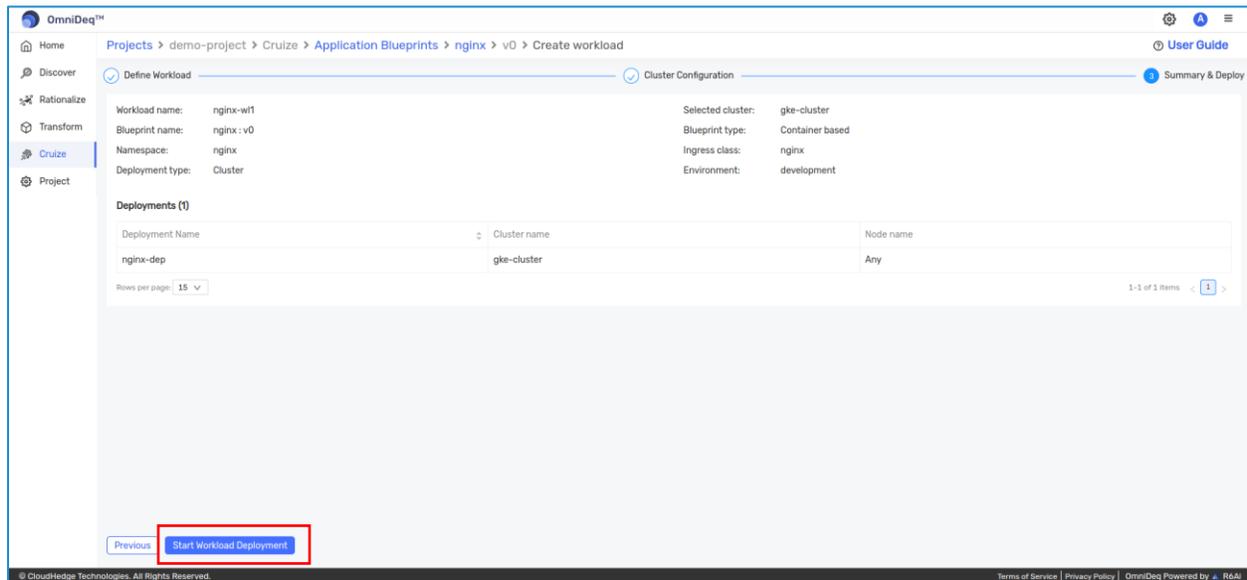
- Click on **'Create workload'** in the last 'Action' named column



- Fill in the details.
- Select the cluster.
- Namespace will be auto filled
- Click on **'Validate'** button at the bottom



- Click on **'Next'** button twice
- Click on **'Start Workload Deployment'**



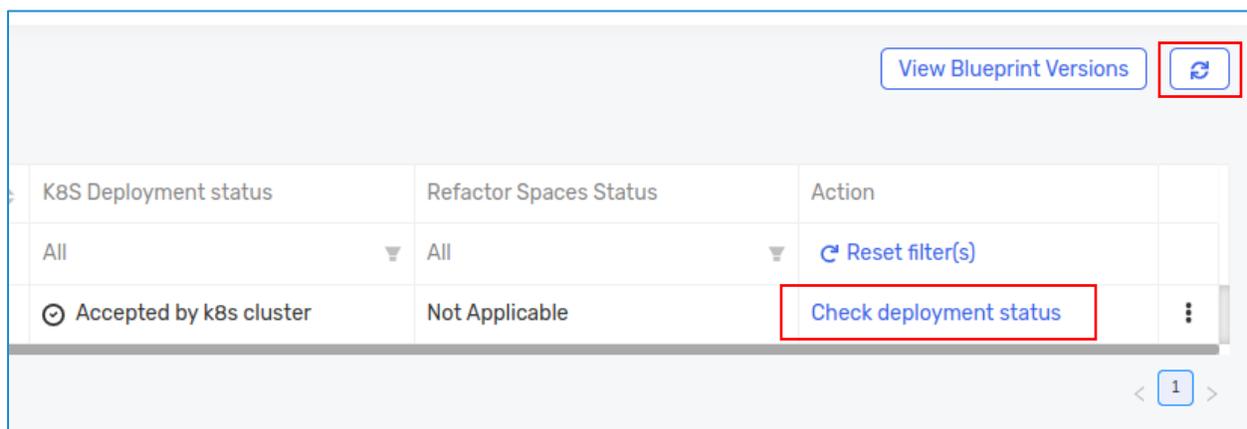
You will be directed to the workloads page.

- Click on the refresh button on the right-side

The status of deployment on cluster can be seen in *'K8s Deployment status'* column

If everything is correct, then the status will *'Accepted by k8s cluster'* else the status will be *'Application deployment declined...'*

- Click on **'Check deployment status'** to get details of deployment



You can view the details of deployed application by clicking on  icon of the respective workload.

K8S Deployment status	Refactor Spaces Status	Action	
All 	All 	<a href="#">Reset filter(s)</a>	
<input checked="" type="radio"/> Accepted by k8s cluster	Not Applicable	<a href="#">Check deployment status</a>	

Workloads

- [View workload Summary](#)
- [Workload URL](#)
- [Re-deploy workload](#)
- [Delete workload](#)
- [Force delete workload](#)