

# Hands On "Build a App with OpenShift"

Optional subheading

Presenter's Name

Title

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Title



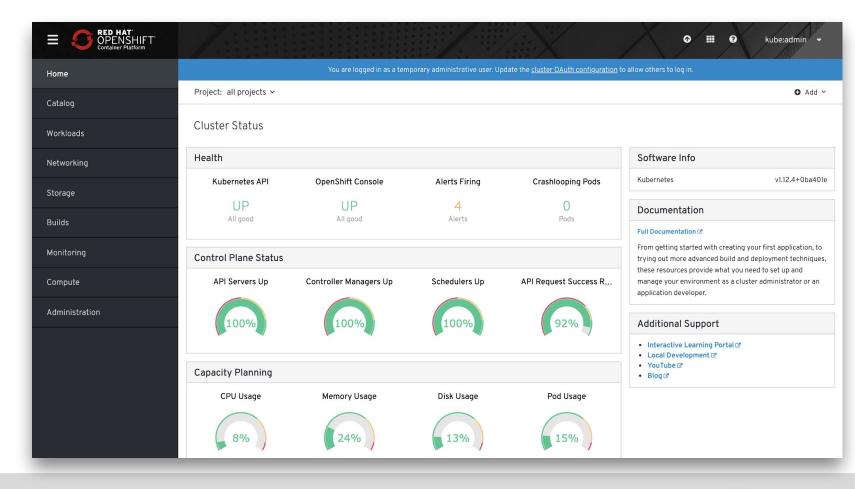




#### OpenShift 4 / LAB 1

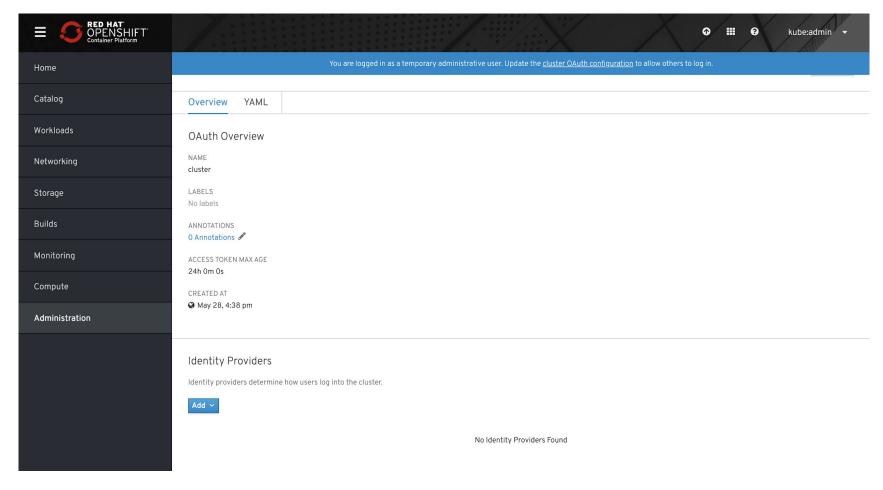
Introduction to the new web console

- Navigate the interface
- New usermanagement
- Cluster Settings



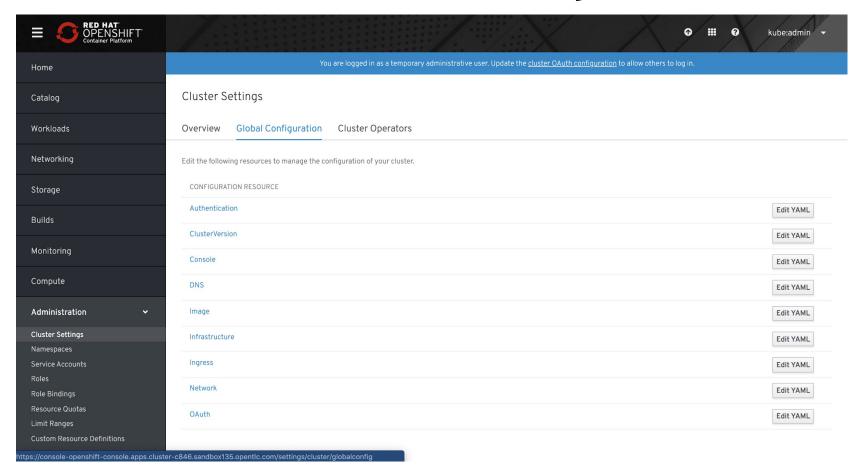


# New User Managemement

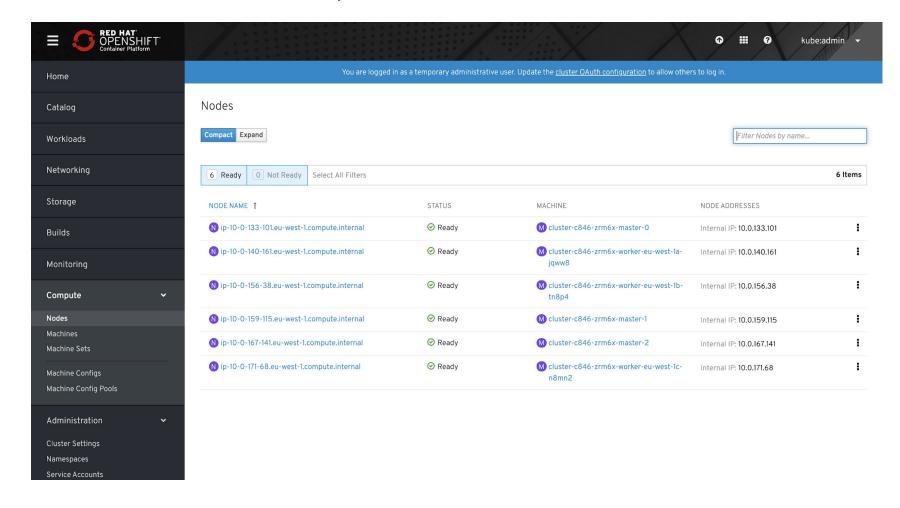




## **Cluster Settings**



### **Compute Overview**



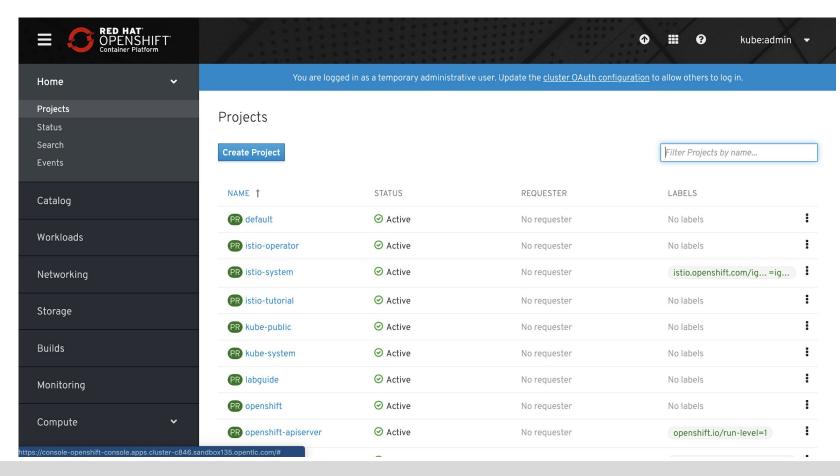


Lab: "Manage OpenShift with operators"

#### OpenShift 4 / LAB 2

#### Click to add subtitle

- Create a project
- Manage storage
- Manage networking
- Add featurs from operator hub
- Monitoring
- Logging





#### Create a project

#### Create a project

Log in to your OCP Console, open the Home Tab and click on Projects

Click on the create "Projects Button"

Name your Project according to your User Number /testX

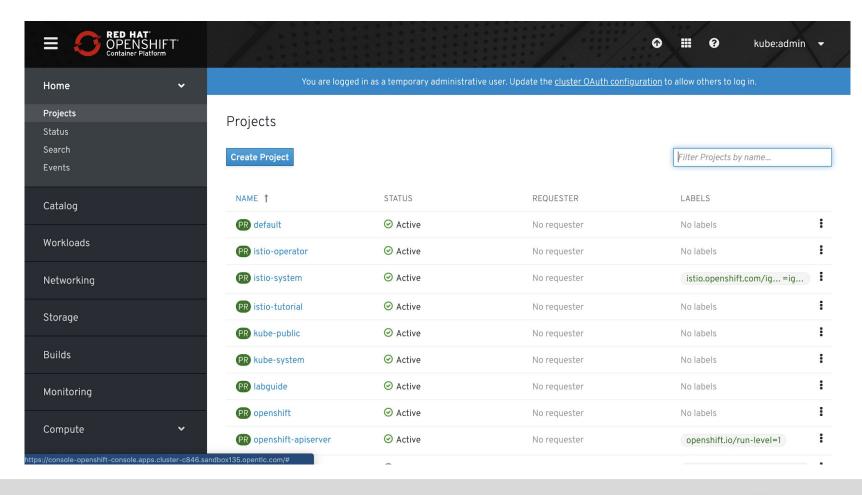
Click on "Browse Catalog"

Choose whatever environment you want and push the "Create Application" Button

Use the prepared Sample Repository by clicking on Try Sample

Checkmark the "Create route" box

Press the "create" button





#### Manage Storage

#### Manage Storage

Click on "Projects" under the "Home Tab"

Search for your App (e.g. test1) and click on it

click on the "Actions" Button right

Choose "add storage"

Create a new claim

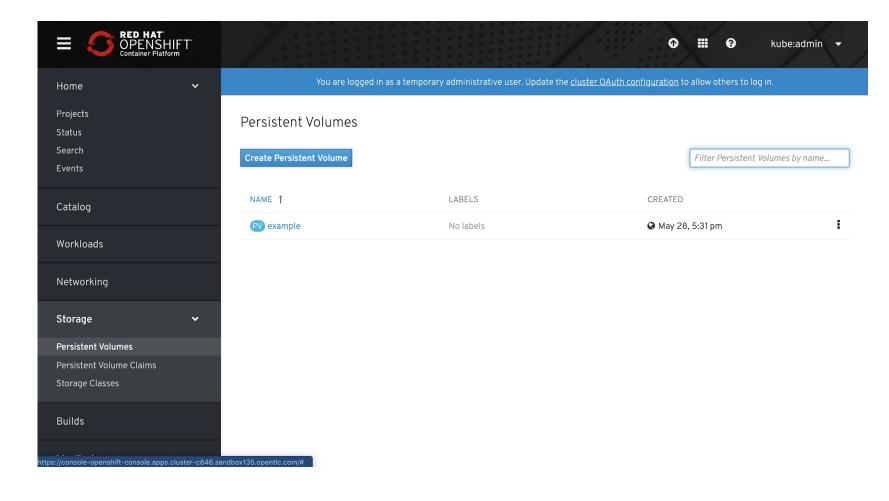
Look at Storage class -> gp2

Name the Claim with "testX"

Single user access

Storage size

Type "/files" into Mount Path





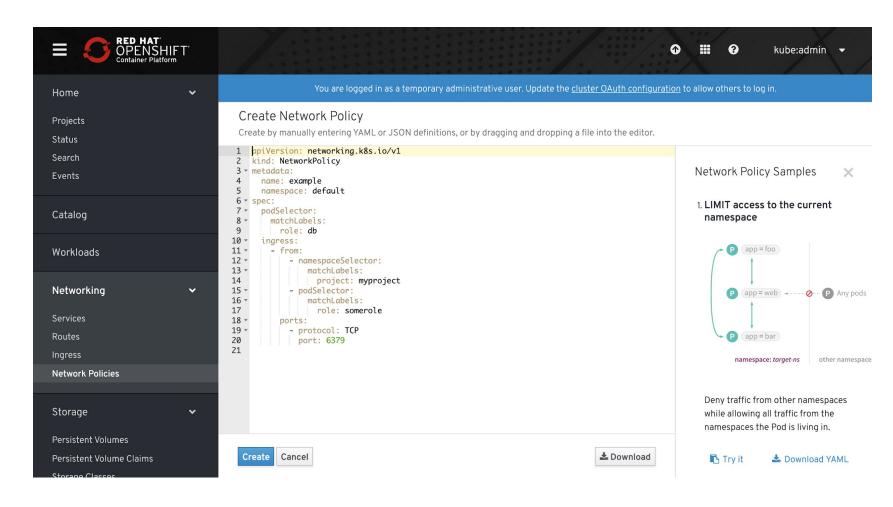
#### Manage Networking

Open the "Networking tab"
Click on Routes
Fin de the Route for our App

Click on Network policies

Create NetWork Policy

Discover the Samples on th





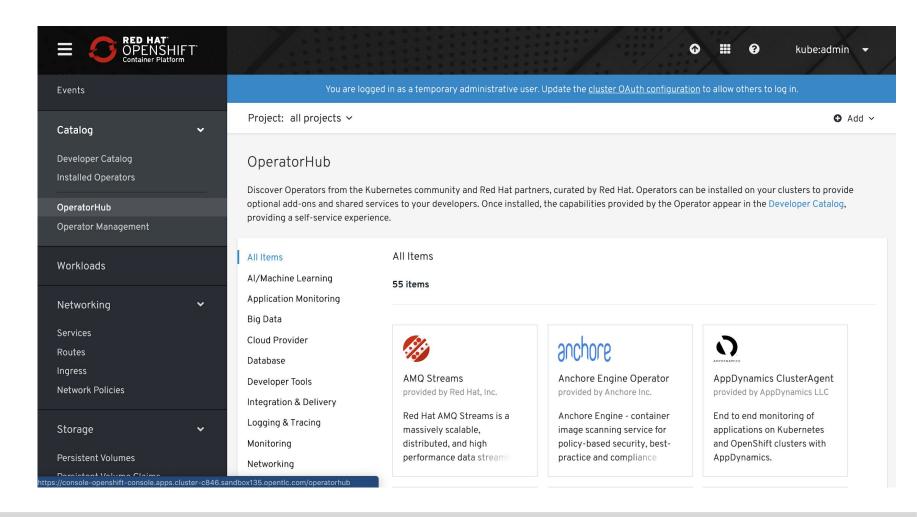
#### Add features

Open the Catalog Tab Click on Operator Hub Discover the content

Search for the Mongo DB Operator

Click on it

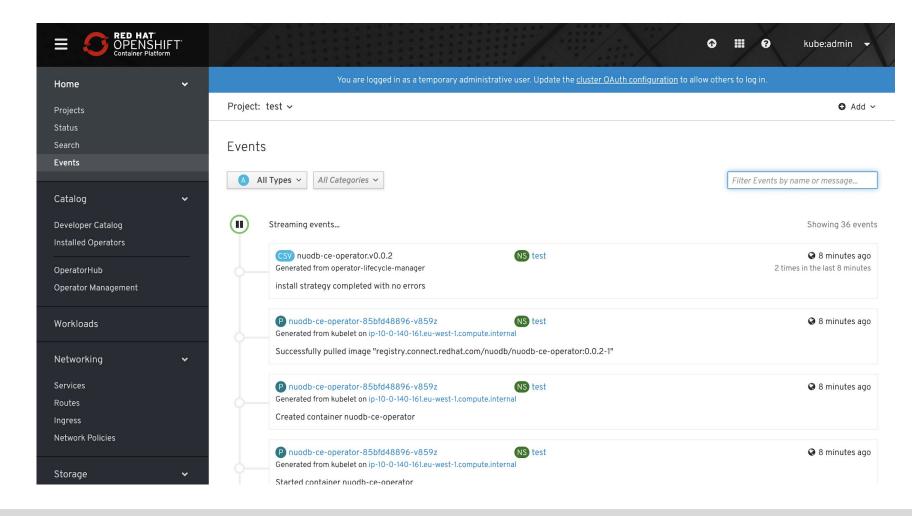
And install it to your project





### Logging

Open the Monitoring tab and have a look at the Alerts

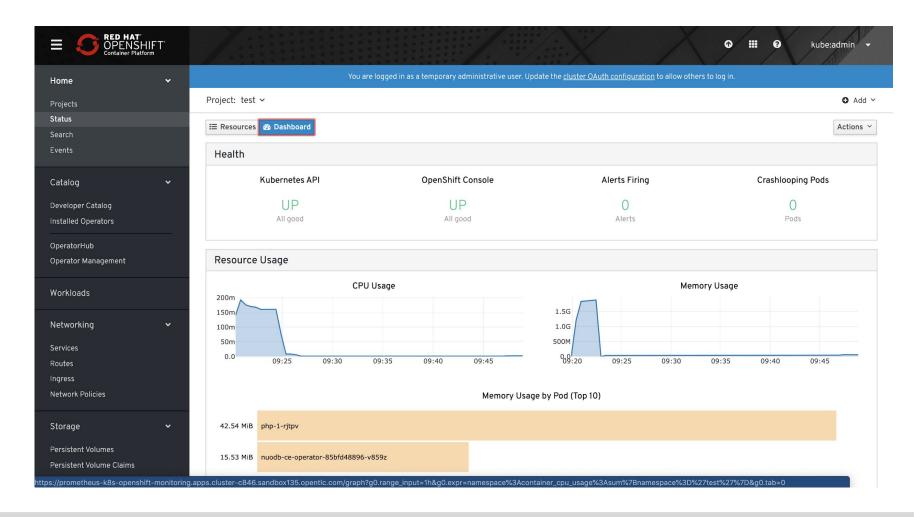




### Monitoring 1/2

Open the Monitoring tab and have a look at the Alerts

Click on the "metric" and log in to graphana with " OpenShift" and discover the option there





### Monitoring 2/2

Grafana

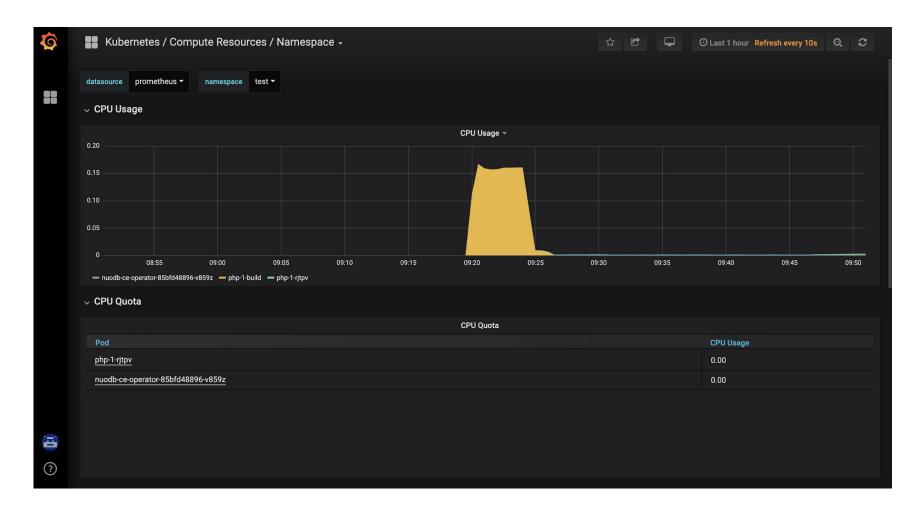
Finally open "Dashboards"

Acept the insecure connection

Log in with OpenShift again

Allow selected permissions

And explore the cluster with Graphana





# Thank you

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