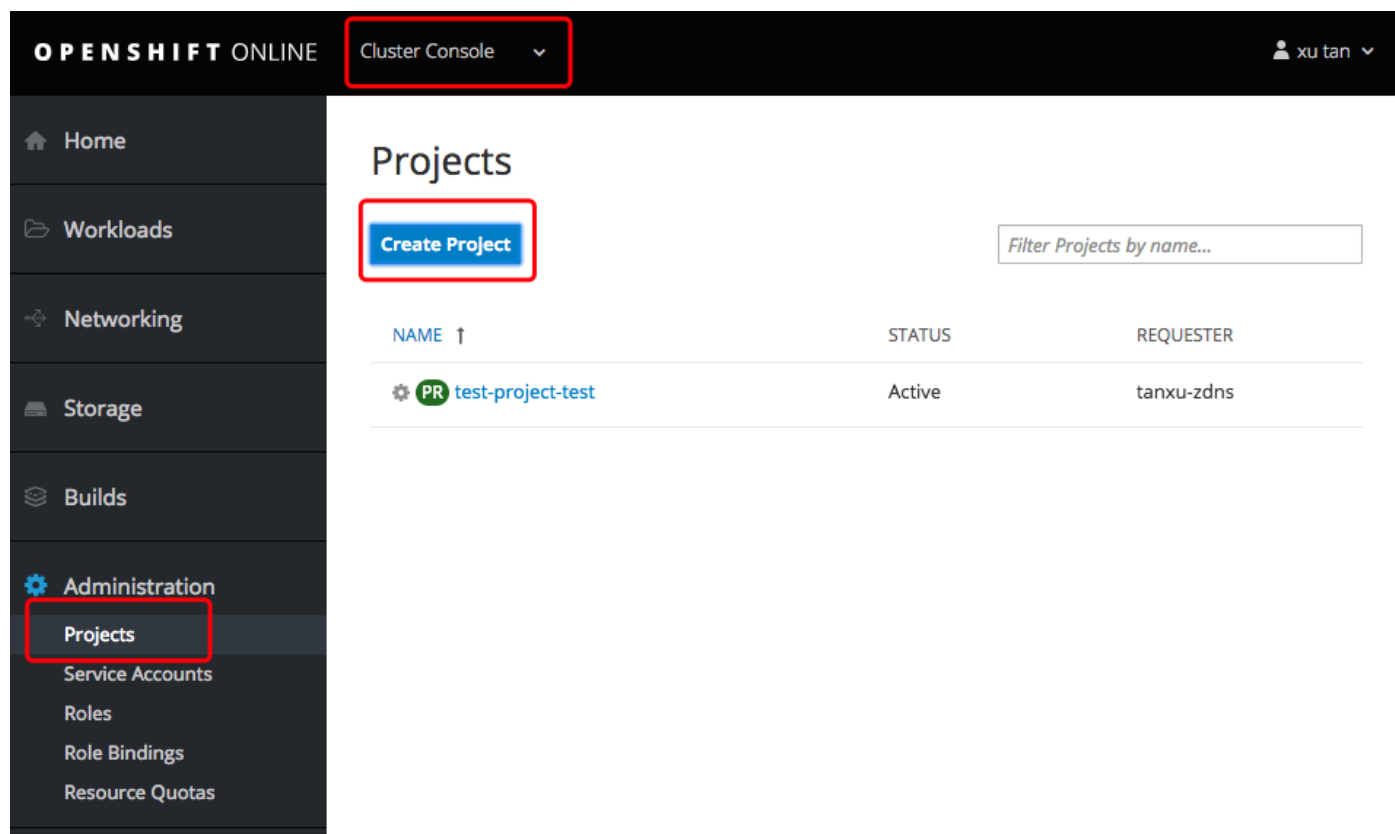


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3. 管理 pv 和 storageclass.....	3
4. 管理 Deployment, DaemonSet, StatefulSet, Cronjob, job .....	5
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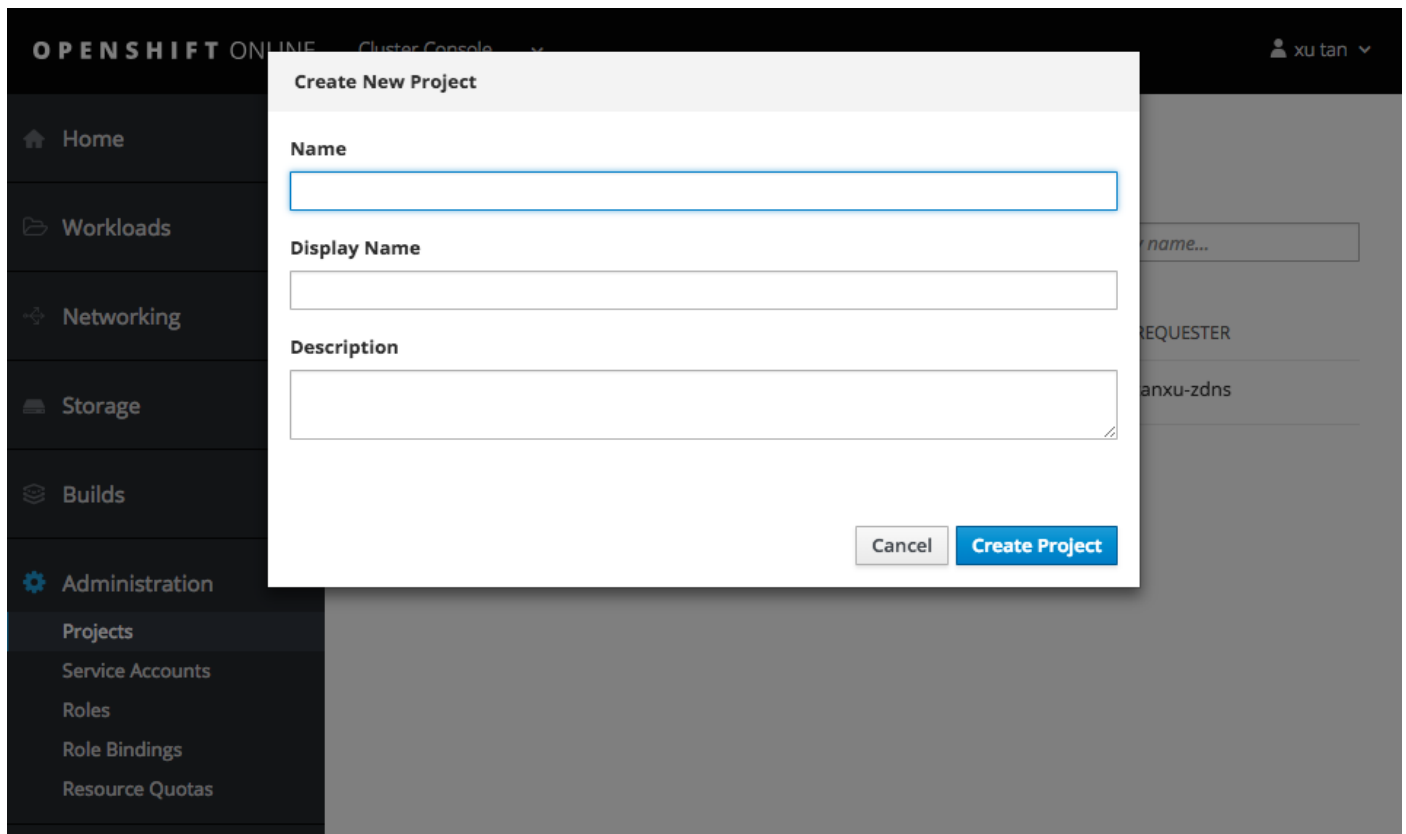
## 1. 管理 namespace

openshift 中可以在两个地方创建 namespace. Openshift 中的 namespace 和 project 是一一对应的所以创建 project 的同时就创建了 namespace.

在 Cluster Console 中



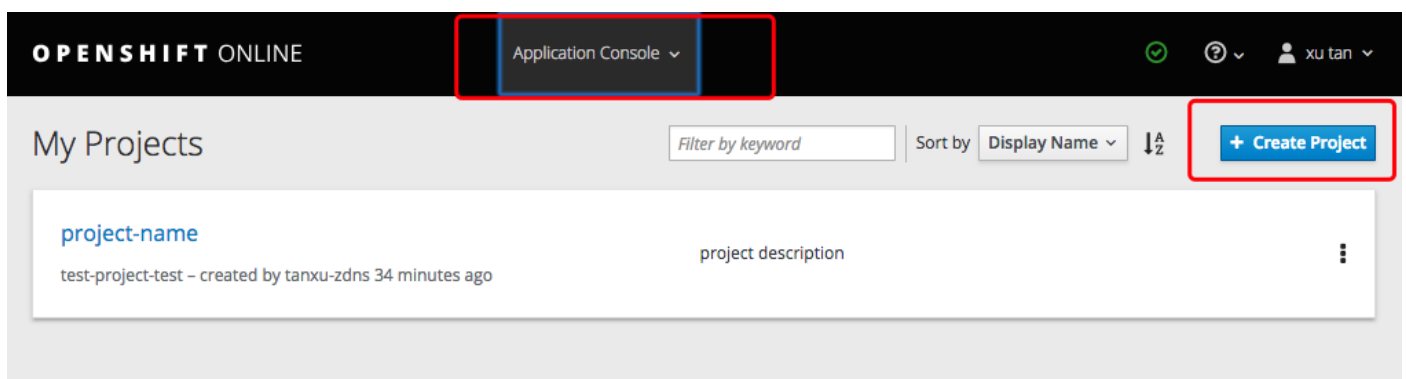
点击 Cluster Console -> Projects -> Create Project 出现界面



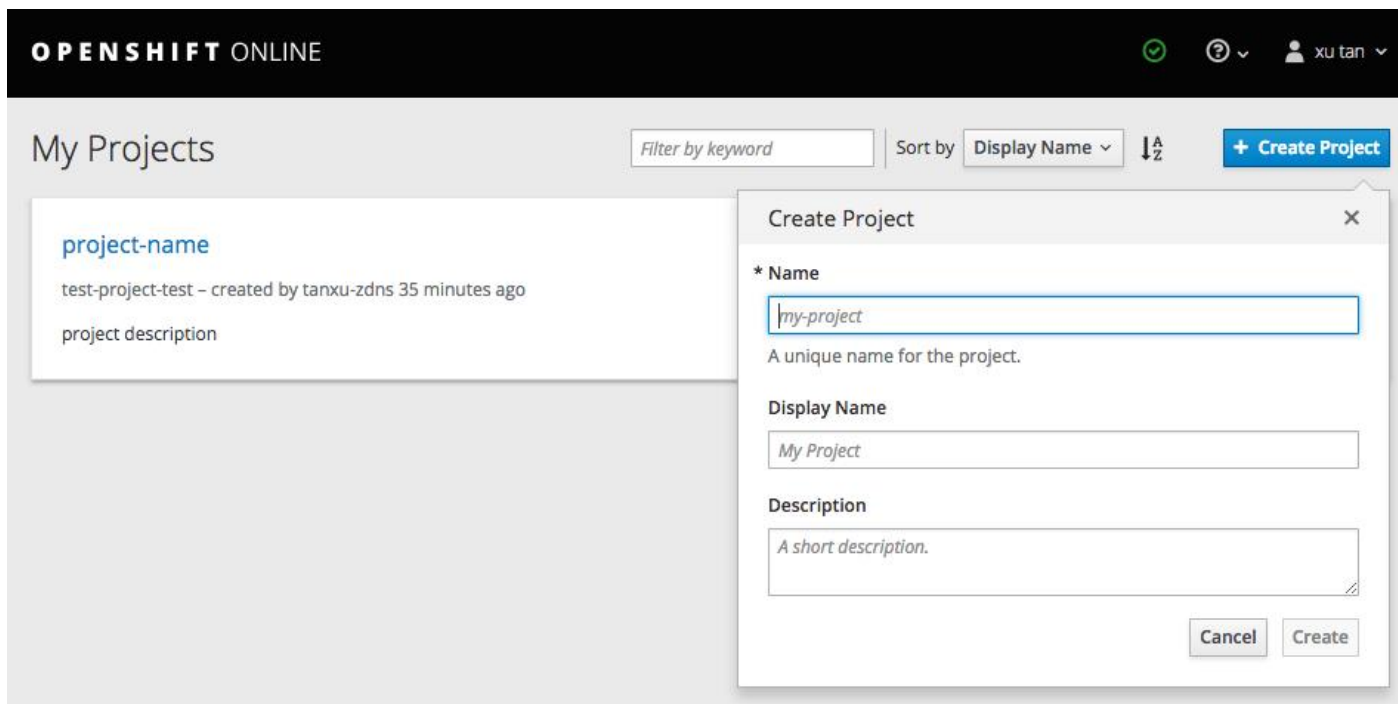
填入 name, display name, description 然后点击  
在 application console 里创建.

Create Project

就创建好了.



点击 Application Console -> Create project 出现界面



填入 name, display name, description 然后点击 Create 就创建好了.

## 2. 管理 node 节点

在 openshift 中没有发现与 node 管理相关的设置.

## 3. 管理 pv 和 storageclass

在 openshift 中没有发现 pv 的相关配置.

点击 Cluster Console -> StorageClasses 可以进入 storageclass 管理界面.

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Cluster Console

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Storage Classes

Create Storage Class

Filter Storage Classes by name...

NAME ↑	PROVISIONER	RECLAIM POLICY	DEFAULT CLASS
SC ebs	kubernetes.io/aws-ebs	Delete	false
SC gp2-encrypted	kubernetes.io/aws-ebs	Delete	false

点击 Create Storage Class 进入一个 yaml 编辑界面.

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HomeWorkloadsNetworkingStoragePersistent Volume ClaimsStorage ClassesBuildsAdministrationProjectsService AccountsRolesRole BindingsResource Quotas

Create Storage Class1apiVersion: storage.k8s.io/v12kind: StorageClass3metadata:4name: example5provisioner: my-provisioner6reclaimPolicy: Delete7

CreateCancelDownload

点击 create 就创建好了.

## 4. 管理 Deployment, DaemonSet, StatefulSet, Cronjob, job

进入 Cluster Console -> Workloads

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Cluster Console

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Create Project

Filter Projects by name...

NAME ↑	STATUS	REQUESTER	LABELS
 <a href="#">test-project-test</a>	Active	tanxu-zdns	<a href="#">openshift.io/hiber... =t...</a>

创建一个 Deployment, 进入 Deployments

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Project: default

Deployments

Create Deployment

Filter Deployments by name...

Restricted Access

You don't have access to this section due to cluster policy.

✖

deployments.apps is forbidden: User "tanxu-zdns" cannot list deployments.apps in the namespace "default": no RBAC policy matched

点击 Create Deployment

OPENSIFT ONLINE Cluster Console xu tan

Project: default

### Create Deployment

```
1 apiVersion: apps/v1
2 kind: Deployment
3 metadata:
4   name: example
5   namespace: default
6 spec:
7   selector:
8     matchLabels:
9       app: hello-openshift
10  replicas: 3
11  template:
12    metadata:
13      labels:
14        app: hello-openshift
15    spec:
16      containers:
17        - name: hello-openshift
18          image: openshift/hello-openshift
19          ports:
20            - containerPort: 8080
21
```

Create Cancel Download

出现一个 yaml 编辑器，这个需要自行编辑，然后点击 create 就创建好了。

## 5. 管理 Ingress



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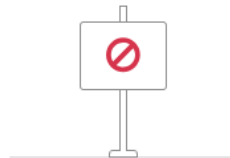
Projects

Project: default

## Ingresses

Create Ingress

Filter Ingresses by name...



## Restricted Access

You don't have access to this section due to cluster policy.



ingresses.extensions is forbidden: User "tanxu-zdns" cannot list ingresses.extensions in the namespace "default": no RBAC policy matched

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Project: default

Create Ingress

```
1 apiVersion: extensions/v1beta1
2 kind: Ingress
3 metadata:
4   name: example
5   namespace: default
6 spec:
7   rules:
8     - host: example.com
9       http:
10        paths:
11          - path: /testpath
12            backend:
13              serviceName: test
14              servicePort: 80
15
```

CreateCancel

Download

## 6. 管理 service

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Project: default

Create Service

```
1 apiVersion: v1
2 kind: Service
3 metadata:
4   name: example
5   namespace: default
6 spec:
7   selector:
8     app: MyApp
9   ports:
10    - protocol: TCP
11      port: 80
12      targetPort: 9376
13
```

CreateCancelDownload

## 7. 管理 pvc

OPENSIFT ONLINE Cluster Console xu tan

Project: default

### Create Persistent Volume Claim

```
1 apiVersion: v1
2 kind: PersistentVolumeClaim
3 metadata:
4   name: example
5   namespace: default
6 spec:
7   accessModes:
8     - ReadWriteOnce
9   resources:
10    requests:
11      storage: 8Gi
12    storageClassName: slow
13    selector:
14      matchLabels:
15        release: stable
16      matchExpressions:
17        - key: environment
18          operator: In
19          values:
20            - dev
```

Create Cancel Download

## 8. 管理 workload

进入对应的资源例如 pod

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Project: test-project-test

Pods

Create Pod

Filter Pods by name...

2 Running

0 Pending

0 Terminating

0 CrashLoopBackOff

0 Completed

0 Failed

0 Unknown

NAME ↑	NAMESPACE	POD LABELS	NODE	STATUS
<div><div>example</div></div>	<div>test-project-test</div>	<div>app=hello-openshift</div>	ip-172-31-59-222.us-west-2.compute.internal	Running
<div><div>jenkins-1-nncpp</div></div>	<div>test-project-test</div>	<div>deployment=jenkins-1</div> <div>deploymentco... =jenki...</div> <div>name=jenkins</div>	ip-172-31-51-227.us-west-2.compute.internal	Running

点击 pod 名称, 进入 pod

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Project: test-project-test

Pod Details

P exampleActions

OverviewYAMLEnvironmentLogsEventsTerminal

Pod Overview

NAMEexample

STATUSRunning

NAMESPACENS test-project-test

RESTART POLICYAlways Restart

LABELSapp=hello-openshift

POD IP10.131.46.27

ANNOTATIONS2 Annotations

NODEip-172-31-59-222.us-west-2.compute.internal

NODE SELECTORQ type=compute

CREATED ATa minute ago

Containers

NAME	ID	IMAGE	STATE	RESTARTS	STARTED	FINISHED
C hello-openshift	cri-o://6a8c71aa4	openshift/hello-c	running	0	a minute ago	-

点击右上角 Actions

The screenshot displays the OpenShift Online Cluster Console interface. The left sidebar contains navigation links for Home, Workloads, Pods, Deployments, Deployment Configs, Stateful Sets, Secrets, Config Maps, Cron Jobs, Jobs, Daemon Sets, Replica Sets, Replication Controllers, HPAs, Networking, Services, Routes, Ingress, Network Policies, Storage, Persistent Volume Claims, Storage Classes, Builds, and Administration. The main content area shows the 'Pod Details' for a pod named 'example' in the 'test-project-test' namespace. The pod is in a 'Running' state. The 'Actions' dropdown menu is open, showing options: View Environment, Edit Labels, Edit Annotations, Edit Pod, and Delete Pod. The pod's labels are 'app=hello-openshift'. Below the pod details, there is a 'Containers' table showing the container 'hello-openshift' in a 'running' state.

NAME	ID	IMAGE	STATE	RESTARTS	STARTED	FINISHED
hello-openshift	cri-o://6a8c71aa4	openshift/hello-c	running	0	a minute ago	-

出现编辑选项，进入对应选项便可以进行管理。

## 9. 导入 yaml 文件直接创建资源

openshift 中的资源都是直接使用 yaml 文件创建。

## 10. 管理 configmap 和 secrets

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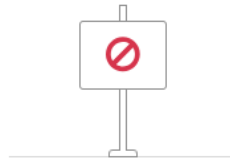
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Project: default ▾

## Config Maps

[Create Config Map](#)

### Restricted Access

You don't have access to this section due to cluster policy.



configmaps is forbidden: User "tanxu-zdns" cannot list configmaps in the namespace "default": no RBAC policy matched



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Project: default

Create Secret

1

apiVersion: v1

2

kind: Secret

3

metadata:

4

name: example

5

namespace: default

6

type: Opaque

7

stringData:

8

username: admin

9

password: opensesame

10

Create

Cancel

Download

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Project: default

## Create Config Map

```
1 apiVersion: v1
2 kind: ConfigMap
3 metadata:
4   name: example
5   namespace: default
6 data:
7   example.property.1: hello
8   example.property.2: world
9   example.property.file: |-
10     property.1=value-1
11     property.2=value-2
12     property.3=value-3
13
```

[Create](#) [Cancel](#)[Download](#)