OpenShift Container Platform 4.1

Web console

Getting started with the web console in OpenShift Container Platform 4.1

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Abstract

This document provides instructions for accessing the OpenShift Container Platform 4.1 web console. It also provides instructions on how to work with projects.

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CHAPTER 1. ACCESSING THE WEB CONSOLE

The OpenShift Container Platform web console is a user interface accessible from a web browser. Developers can use the web console to visualize, browse, and manage the contents of projects.

Prerequisites

- JavaScript must be enabled to use the web console. For the best experience, use a web browser that supports WebSockets.
- Review the OpenShift Container Platform 4.x Tested Integrations page before you create the supporting infrastructure for your cluster.

1.1. UNDERSTANDING AND ACCESSING THE WEB CONSOLE

The web console runs as a pod on the master. The static assets required to run the web console are served by the pod. Once OpenShift Container Platform is successfully installed, find the URL for the web console and login credentials for your installed cluster in the CLI output of the installer. For example:

```
INFO Install complete!
INFO Run 'export KUBECONFIG=<your working directory>/auth/kubeconfig' to manage the cluster with 'oc', the OpenShift CLI.
INFO The cluster is ready when 'oc login -u kubeadmin -p <provided>' succeeds (wait a few minutes).
INFO Access the OpenShift web-console here: https://console-openshift-console.apps.demo1.openshift4-beta-abcorp.com
INFO Login to the console with user: kubeadmin, password: <provided>
```

Use those details to log in and access the web console.

CHAPTER 2. CONFIGURING THE WEB CONSOLE IN OPENSHIFT CONTAINER PLATFORM

You can modify the OpenShift Container Platform web console to set a logout redirect URL or disable the console.

Prerequisites

- Deploy an OpenShift Container Platform cluster.

2.1. CONFIGURING THE WEB CONSOLE

You can configure the web console settings by editing the **console.config.openshift.io** resource.

- Edit the **console.config.openshift.io** resource:

```
$ oc edit console.config.openshift.io cluster
```

The following example displays the sample resource definition for the console:

```
apiVersion: config.openshift.io/v1
kind: Console
metadata:
  name: cluster
spec:
  authentication:
    logoutRedirect: "" (1)
status:
  consoleURL: "" (2)
```

(1) Specify the URL of the page to load when a user logs out of the web console. If you do not specify a value, the user returns to the login page for the web console. Specifying a **logoutRedirect** URL allows your users to perform single logout (SLO) through the identity provider to destroy their single sign-on session.

(2) The web console URL. You cannot modify this parameter value. If you do, the cluster resets it to the default value.

CHAPTER 3. DISABLING THE WEB CONSOLE IN OPENSHIFT CONTAINER PLATFORM

You can disable the OpenShift Container Platform web console.

Prerequisites

- Deploy an OpenShift Container Platform cluster.

3.1. DISABLING THE WEB CONSOLE

You can disable the web console by editing the **console.operator.openshift.io** resource.

- Edit the **console.operator.openshift.io** resource:

```
$ oc edit console.operator.openshift.io cluster
```

The following example displays the parameters from this resource that you can modify:

```
apiVersion: config.openshift.io/v1
kind: Console
metadata:
  name: cluster
spec:
  managementState: Removed (1)
```

(1) Set the **managementState** parameter value to **Removed** to disable the web console. The other valid values for this parameter are **Managed**, which enables the console under the cluster's control, and **Unmanaged**, which means that you are taking control of web console management.