



OKD/FCOS: OpenShift in the Open on Fedora CoreOS

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Agenda

OKD 4 Overview

State of OKD 4

Ecosystem

Q & A

OKD 4 Overview



okd

A Community Distribution of Kubernetes

OpenShift codebase + Fedora CoreOS

okd.io

OKD is Openshift



← → ↻ ⚠ Not secure | console-openshift-console.apps.lab.okd.local/dashboards

okd 🔔 + ? kube:ad

⚙ Administrator

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You are logged in as a temporary administrative user. Update the [cluster OAuth configuration](#) to allow others to log in.

Overview

Cluster

Details View settings	Status View alerts	Activity View events
Cluster API Address https://api.lab.okd.local:6443	✓ Cluster ✓ Control Plane ✓ Operators	Ongoing
Cluster ID d0f5d550-f9ca-402c-a7bb-ee0dcc345cc0	⚠ Mar 2, 7:32 pm etcd cluster "etcd": 99th percentile commit durations 0.45784615384615523s on etcd instance 192.168.1.203:9979. View details	There are no ongoing activities.
Provider None	⚠ Mar 2, 7:27 pm etcd cluster "etcd": 99th percentile commit durations 0.46933333333333505s on etcd instance 192.168.1.201:9979. View details	Recent Events Pause
OpenShift Version 4.4.0-0.okd-2020-03-02-123048	⚠ Mar 2, 5:06 pm 40% of the kubelet targets in kube-system namespace are down. View details	19:45 D Updated ConfigM... >
Update Channel stable-4.3	⚠ Mar 2, 5:04 pm Alerts are not configured to be sent to a notification system. View details	19:41 D Status for cluster... >
		19:41 CM f3a1f160-5e12-4... >
		19:41 D Status for cluster... >
		19:41 P Started container ... >
		19:41 P Created container... >
		19:41 P Container image "... >

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The State of OKD Today and Tomorrow



- Current Stable Release 4.10
- Exact same features as OCP, no subscription required
- Community Contributions
- Collaboration with OperatorHub and Fedora communities
- Enable early adoption of upcoming Technologies

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Ecosystem



MicroShift - edge deployments

CoreOS Layering - creating derived OS images

operate-first.cloud - community cloud

docs.okd.io - managed by dedicated Docs Sub-WG

OKD Working Group



Websites

okd.io

docs.okd.io

github.com/openshift/okd

Chat

#openshift-users on kubernetes.slack.com

#okd:fedoraproject.org on Matrix

Bi-weekly Video Conference Meetings

apps.fedoraproject.org/calendar/okd

Fedora CoreOS Working Group



IRC

#fedora-coreos on libera.chat

Issue Tracker

github.com/coreos/fedora-coreos-tracker

Discussion Forum

discussion.fedoraproject.org/c/server/coreos

Mailing List

coreos@lists.fedoraproject.org

Weekly Meetings

apps.fedoraproject.org/calendar/CoreOS/

okd

THANK YOU



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twitter.com/RedHat

It's Q&A time!