



**Hewlett Packard**  
Enterprise

## **HPE Ezmeral Runtime Enterprise 5.6 Documentation**

Published: May 2024  
Edition: 5.6.0

# HPE Ezmeral Runtime Enterprise 5.6 Documentation

## Abstract

HPE Ezmeral Container Platform is a unified container platform built on open source Kubernetes and designed for both cloud-native applications and non-cloud-native applications running on any infrastructure either on-premises, in multiple public clouds, in a hybrid model, or at the edge.

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# Validating the Kubeflow Installation

## Prerequisites

Required access rights: Platform Administrator or Cluster Administrator

## About this task

When your Kubernetes cluster is ready, perform the following basic tests to validate the Kubeflow installation.

The Kubeflow dashboard link in the AI/ML tenant UI will be active after the Kubeflow service is up, which may take 10-15 minutes.

## Procedure

1. Run the following command on the master node to ensure that the kubeflow-installer pod has been completed.

```
kubectl get pods -n kubeflow-jobs
```

NAME	READY	STATUS	RESTARTS	AGE
dex-secret-generator-wq4l4	0/1	Completed	0	17m
hpecpconfig-patch-qz2gd	0/1	Completed	0	14m
minio-config-generator-4gksg	0/1	Completed	0	17m
proxy-cm-generator-jmb8q	0/1	Completed	0	17m

2. Confirm that the Dex config secret was created according to the authentication settings provided during cluster creation.

```
kubectl get secret dex-config-secret -n auth -o yaml
```

3. Confirm that the pods are up and running. Deployment of Kubeflow manifests may take 10-15 minutes.

```
kubectl get pods -n auth && kubectl get pods -n cert-manager && kubectl get pods -n knative-eventing && kubectl get pods -n knative-serving && kubectl get pods -n kubeflow && kubectl get pods -n kubeflow-user-example-com && kubectl get pods -n prism-ns
```

The output should appear as follows:

NAME	READY	STATUS	RESTARTS	AGE
dex-798fd4d8f9-tzd88	1/1	Running	0	32m

  

NAME	READY	STATUS	RESTARTS	AGE
cert-manager-67b5569945-clt67	1/1	Running	0	33m
cert-manager-cainjector-7dbb46f46d-zvtv6	1/1	Running	0	33m
cert-manager-webhook-7c48978bcc-ctqv4	1/1	Running	0	33m

  

NAME	READY	STATUS	RESTARTS	AGE
eventing-controller-5f4c7bbf4b-qjmjp	1/1	Running	0	32m
eventing-webhook-585df69b96-ztpz4	1/1	Running	0	32m

  

NAME	READY	STATUS	RESTARTS	AGE
activator-859bc95758-6cj6x	2/2	Running	0	32m
autoscaler-67f94897c8-n75gt	2/2	Running	0	32m
controller-c5959bc48-qpp6g	1/1	Running	0	32m
domain-mapping-bfdd97c95-bvq6l	2/2	Running	0	32m
domainmapping-webhook-65cf4d6986-m2sqw	2/2	Running	1 (32m ago)	32m
net-istio-controller-6cfbd68cbf-fsfkc	2/2	Running	1 (32m ago)	32m
net-istio-webhook-677cfd865b-s78mx	2/2	Running	1 (32m ago)	32m
webhook-87b94cb45-xhfwj	2/2	Running	1 (32m ago)	32m

  

NAME	READY	STATUS	RESTARTS	AGE
admission-webhook-deployment-7978f87497-t4x4v	1/1	Running	0	31m

cache-deployer-deployment-7f7d7f757f-rfjqp	2/2	Running	1 (31m ago)	32m
cache-server-977bdbdd-w4jdr	2/2	Running	0	32m
centraldashboard-84695f67cf-fdngl	2/2	Running	0	31m
jupyter-web-app-deployment-597d47b664-ggxf	1/1	Running	0	31m
katib-controller-6478fbd64c-wbxxr	1/1	Running	0	31m
katib-db-manager-78fc8b7895-sfbc8	1/1	Running	0	31m
katib-mysql-6975d6c6c4-xvz4q	1/1	Running	0	31m
katib-ui-5cb6cc4d97-k4dct	1/1	Running	0	31m
kserve-controller-manager-0	2/2	Running	0	31m
kserve-models-web-app-75f5c6cc9f-dx5xl	2/2	Running	0	31m
kubeflow-pipelines-profile-controller-858fdbf777-znb6l	1/1	Running	0	32m
metacontroller-0	1/1	Running	0	32m
metadata-envoy-deployment-f4c868c97-zng4p	1/1	Running	0	32m
metadata-grpc-deployment-679b49cc95-wtj9d	2/2	Running	2 (31m ago)	32m
metadata-writer-7459bcd96b-prp86	2/2	Running	0	32m
minio-console-6bc546d664-mhlf9	1/1	Running	0	31m
minio-dcb5fcb5c-rwzqq	2/2	Running	0	31m
ml-pipeline-777989d7f8-c6kb8	2/2	Running	1 (30m ago)	32m
ml-pipeline-persistenceagent-848b7bbc88-pgznx	2/2	Running	0	32m
ml-pipeline-scheduledworkflow-546fc65b4c-gz6gk	2/2	Running	0	32m
ml-pipeline-ui-8847c787b-6gctl	2/2	Running	0	32m
ml-pipeline-viewer-crd-5c79ccf5b6-r7mzk	2/2	Running	1 (31m ago)	32m
ml-pipeline-visualizationserver-8666b88867-lb49z	2/2	Running	0	32m
mysql-76b487989d-ckkxg	2/2	Running	0	32m
notebook-controller-deployment-568544dfcf-f2s9k	1/1	Running	0	31m
profiles-deployment-77489847c9-bntg9	3/3	Running	2 (29m ago)	31m
seldon-controller-manager-77c74849b6-jgpxt	1/1	Running	0	30m
tensorboards-web-app-deployment-65b8646ff6-m8cld	1/1	Running	0	31m
training-operator-866bcd8fb-7n4tg	1/1	Running	0	31m
volumes-web-app-deployment-c49cd595f-wmgcx	1/1	Running	0	31m
workflow-controller-566b84599c-krv9p	2/2	Running	1 (31m ago)	32m
NAME	READY	STATUS	RESTARTS	AGE
ml-pipeline-ui-artifact-68bc7b65b5-r48kw	2/2	Running	0	28m
ml-pipeline-visualizationserver-5c867dbddd-lfftq	2/2	Running	0	28m
NAME	READY	STATUS	RESTARTS	AGE
kftoken-app-65f794d6ff-fhrvj	1/1	Running	0	30m
prism-647f69f9bb-drdgw	1/1	Running	0	30m