

CFM Operator Helm Reference

Date published: 2024-06-11

Date modified: 2024-10-31



Legal Notice

© Cloudera Inc. 2025. All rights reserved.

The documentation is and contains Cloudera proprietary information protected by copyright and other intellectual property rights. No license under copyright or any other intellectual property right is granted herein.

Unless otherwise noted, scripts and sample code are licensed under the Apache License, Version 2.0.

Copyright information for Cloudera software may be found within the documentation accompanying each component in a particular release.

Cloudera software includes software from various open source or other third party projects, and may be released under the Apache Software License 2.0 (“ASLv2”), the Affero General Public License version 3 (AGPLv3), or other license terms. Other software included may be released under the terms of alternative open source licenses. Please review the license and notice files accompanying the software for additional licensing information.

Please visit the Cloudera software product page for more information on Cloudera software. For more information on Cloudera support services, please visit either the Support or Sales page. Feel free to contact us directly to discuss your specific needs.

Cloudera reserves the right to change any products at any time, and without notice. Cloudera assumes no responsibility nor liability arising from the use of products, except as expressly agreed to in writing by Cloudera.

Cloudera, Cloudera Altus, HUE, Impala, Cloudera Impala, and other Cloudera marks are registered or unregistered trademarks in the United States and other countries. All other trademarks are the property of their respective owners.

Disclaimer: EXCEPT AS EXPRESSLY PROVIDED IN A WRITTEN AGREEMENT WITH CLOUDERA, CLOUDERA DOES NOT MAKE NOR GIVE ANY REPRESENTATION, WARRANTY, NOR COVENANT OF ANY KIND, WHETHER EXPRESS OR IMPLIED, IN CONNECTION WITH CLOUDERA TECHNOLOGY OR RELATED SUPPORT PROVIDED IN CONNECTION THEREWITH. CLOUDERA DOES NOT WARRANT THAT CLOUDERA PRODUCTS NOR SOFTWARE WILL OPERATE UNINTERRUPTED NOR THAT IT WILL BE FREE FROM DEFECTS NOR ERRORS, THAT IT WILL PROTECT YOUR DATA FROM LOSS, CORRUPTION NOR UNAVAILABILITY, NOR THAT IT WILL MEET ALL OF CUSTOMER’S BUSINESS REQUIREMENTS. WITHOUT LIMITING THE FOREGOING, AND TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, CLOUDERA EXPRESSLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY, QUALITY, NON-INFRINGEMENT, TITLE, AND FITNESS FOR A PARTICULAR PURPOSE AND ANY REPRESENTATION, WARRANTY, OR COVENANT BASED ON COURSE OF DEALING OR USAGE IN TRADE.

Contents

Helm chart configuration reference..... 4

Helm chart configuration reference

A reference table containing all configurable properties of the Cloudera Flow Management - Kubernetes Operator Helm chart and their default values.

Specify each property using --set option in your helm commands. For example:

```
helm install cfm-operator [***PATH TO OPERATOR HELM CHART***] \
  --create-namespace \
  --namespace \
  --set installCRDs=true \
  --set image.repository=[***IMAGE REPOSITORY***] \
  --set image.tag=[***OPERATOR VERSION***] \
  --set licenseSecret=cfm-operator-license
```

Value	Description	Default
affinity	Pod Affinity specifier for the operator Pod. Add to control scheduling behavior with respect to other Pods.	{}
authProxy.image.pullPolicy	ImagePullPolicy for kube-rbac-proxy sidecar container.	IfNotPresent
authProxy.image.repository	Image repository for kube-rbac-proxy sidecar container.	gcr.io/kubebuilder/
authProxy.image.tag	Image tag for kube-rbac-proxy sidecar container.	v0.15.0
cert-manager.enabled	Install embedded cert-manager chart. You are recommended to install and maintain cert-manager independently. Does not control installation of Certificate resources.	false
hostNetwork	Boolean value indicating whether the operator Pod should have access to its host network. Rarely needed.	false
image.imagePullSecrets	List of pull Secrets which contain authentication credentials to the image repository.	docker-pull-se
image.pullPolicy	ImagePullPolicy for the Cloudera Flow Management - Kubernetes Operator image.	IfNotPresent
image.repository	Image repository of the Cloudera Flow Management - Kubernetes Operator	""
image.tag	Image tag of the Cloudera Flow Management - Kubernetes Operator. Typically the operator version.	""
installCrds	Boolean value indicating whether to install NiFi and NiFiRegistry CRDs.	true
loglevel	Detail level for logs.	info
manager.additionalLabels	Mapping of additional labels for the operator Pod and manager container. It can be used for setting custom labels on the container for metrics gathering, etc.	{}
nodeSelector	NodeSelector specifiier for the operator Pod. Add to control on which Kubernetes Nodes the operator is allowed to install.	{}
prometheusScraping	String value indicating whether to add a Prometheus scraping annotation to the operator Pod. Any value not "no" or "false" will result in the annotation being added.	no
resources.requests	Resource requests for the operator Pod.	cpu: 100m memory: 100Mi
securityContext	Pod level SecurityContext spec.	runAsNonRoot: tru
toleration	Tolerations specifier for the operator Pod. Add to control which Node taints the Pod will accept.	{}