

Cloudera Data Engineering 1.15.1

Troubleshooting Cloudera Data Engineering

Date published: 2020-07-30

Date modified: 2023-06-13

CLOUDERA

<https://docs.cloudera.com/>

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

Cloudera Data Engineering log files.....	5
Using Spark history server to troubleshoot Spark jobs.....	5
Monitoring Data Engineering service resources with Grafana	
dashboards.....	5
Connecting to Grafana dashboards in Cloudera Data Engineering Private Cloud.....	6
Accessing Grafana dashboards.....	10
Downloading diagnostic bundles for CDE.....	11
Monitoring metrics for Data Engineering on Private Cloud.....	12
dex-app- <i>INSTANCE-ID</i> -api deployment.....	12
cde_runtime_airflow_dag_check_duration_ms metric.....	12
cde_runtime_dbrequest_duration_ms metric.....	12
cde_runtime_jobInfo metric.....	13
cde_runtime_jobLivyUp metric.....	14
cde_runtime_jobStatus metric.....	14
cde_runtime_jobWorkspaceCreationDuration metric.....	15
cde_runtime_ldap_requests_duration_ms metric.....	15
cde_runtime_livy_requests_duration_ms metric.....	16
cde_runtime_monitors_check_run_statuses_ms metric.....	16
cde_runtime_notices_collection_duration_seconds metric.....	17
gin_request_body_total metric.....	18
gin_request_duration metric.....	18
gin_request_total metric.....	19
gin_request_uv_total metric.....	19
gin_response_body_total metric.....	20
gin_slow_request_total metric.....	20
gin_uri_request_total metric.....	21
go_gc_duration_seconds metric.....	21
go_goroutines metric.....	22
go_info metric.....	22
go_memstats_alloc_bytes metric.....	23
go_memstats_alloc_bytes_total metric.....	23
go_memstats_buck_hash_sys_bytes metric.....	24
go_memstats_frees_total metric.....	24
go_memstats_gc_sys_bytes metric.....	25
go_memstats_heap_alloc_bytes metric.....	25
go_memstats_heap_idle_bytes metric.....	26
go_memstats_heap_inuse_bytes metric.....	26
go_memstats_heap_objects metric.....	27
go_memstats_heap_released_bytes metric.....	27
go_memstats_heap_sys_bytes metric.....	28
go_memstats_last_gc_time_seconds metric.....	28

go_memstats_lookups_total metric.....	29
go_memstats_mallocs_total metric.....	29
go_memstats_mcache_inuse_bytes metric.....	30
go_memstats_mcache_sys_bytes metric.....	30
go_memstats_mspan_inuse_bytes metric.....	31
go_memstats_mspan_sys_bytes metric.....	31
go_memstats_next_gc_bytes metric.....	32
go_memstats_other_sys_bytes metric.....	32
go_memstats_stack_inuse_bytes metric.....	33
go_memstats_stack_sys_bytes metric.....	33
go_memstats_sys_bytes metric.....	34
go_threads metric.....	34
process_cpu_seconds_total metric.....	35
process_max_fds metric.....	35
process_open_fds metric.....	36
process_resident_memory_bytes metric.....	36
process_start_time_seconds metric.....	37
process_virtual_memory_bytes metric.....	37
process_virtual_memory_max_bytes metric.....	38
promhttp_metric_handler_requests_in_flight metric.....	38
promhttp_metric_handler_requests_total metric.....	39

Cloudera Data Engineering log files

You can view logs for Cloudera Data Engineering (CDE) using the web console, including CDE service logs, virtual cluster logs, and job logs.

To view logs for a CDE service or virtual cluster, click the three-dot menu for the service or virtual cluster, and then select View Logs. When the View Logs modal is displayed, you can download the logs or copy them to the clipboard by clicking the associated icon at the top right of the modal.

To view logs for a job run:

1. In the Cloudera Data Platform (CDP) console, click the Data Engineering tile. The CDE Home page displays.
2. Locate the Virtual Cluster containing the job that you want to troubleshoot.
3. Click View Jobs for the cluster containing the job.
4. Select the job that you want to troubleshoot.
5. In the Run History tab, click the Run ID for the job run that you want to troubleshoot.
6. Go to the Logs tab.
7. Select the log you want to view using the Select log type drop-down menu and the log file tabs.
8. To download the logs, click the Download menu button. You can download a text file of the currently displayed log, or download a zip file containing all log files.

Using Spark history server to troubleshoot Spark jobs

The Spark history server is a monitoring tool that displays information about completed Spark applications. It provides information for debugging such as Spark configurations, DAG execution, driver and executor resource utilization, application logs, and job, stage and task-level details.

To view spark history server information for a job run:

1. In the Cloudera Data Platform (CDP) console, click the Data Engineering tile. The CDE Home page displays.
2. Click Jobs in the left navigation menu.
3. From the drop-down in the upper left-hand corner, select the Virtual Cluster that you want to restore jobs to.
4. Select the job that you want to troubleshoot.
5. Click Jobs Runs in the left menu, and click the Run ID for the job run you want to view the information.
6. Click the Spark UI tab to access the Spark History Server.

Monitoring Data Engineering service resources with Grafana dashboards

Grafana is a visualisation and analytics software that enables the development of dashboards to monitor metrics data. You can access pre-built Grafana dashboards to monitor your jobs and virtual clusters in Cloudera Data Engineering (CDE).

The CDP metrics are stored centrally in the Prometheus database and monitored by Prometheus. Grafana uses these metrics for data visualization. Your workload databases are not involved in any way.

You can immediately view the following pre-built dashboards for viewing runtime metrics in CDE:

Kubernetes Dashboard

This dashboard includes generalized visualizations of CDE job run statuses. It displays the following information:

- Number of succeeded, failed, and killed jobs for the given period
- Total number of jobs in the Starting phase
- Total number of jobs in the Running phase

Virtual Cluster Metrics Dashboard

This dashboard includes visualizations of service requests, pod counts and job statuses for the selected Virtual Cluster. The available metrics are:

- Time series of CPU requests of running pods (includes virtual cluster service overhead)
- Time series of memory requests of running pods (includes virtual cluster service overhead)
- The response time of Livy's requests
- Time series for the number of pods in running and pending states
- Total number of running pods and pending pods
- Time series of starting and running jobs, and the total number of successful jobs

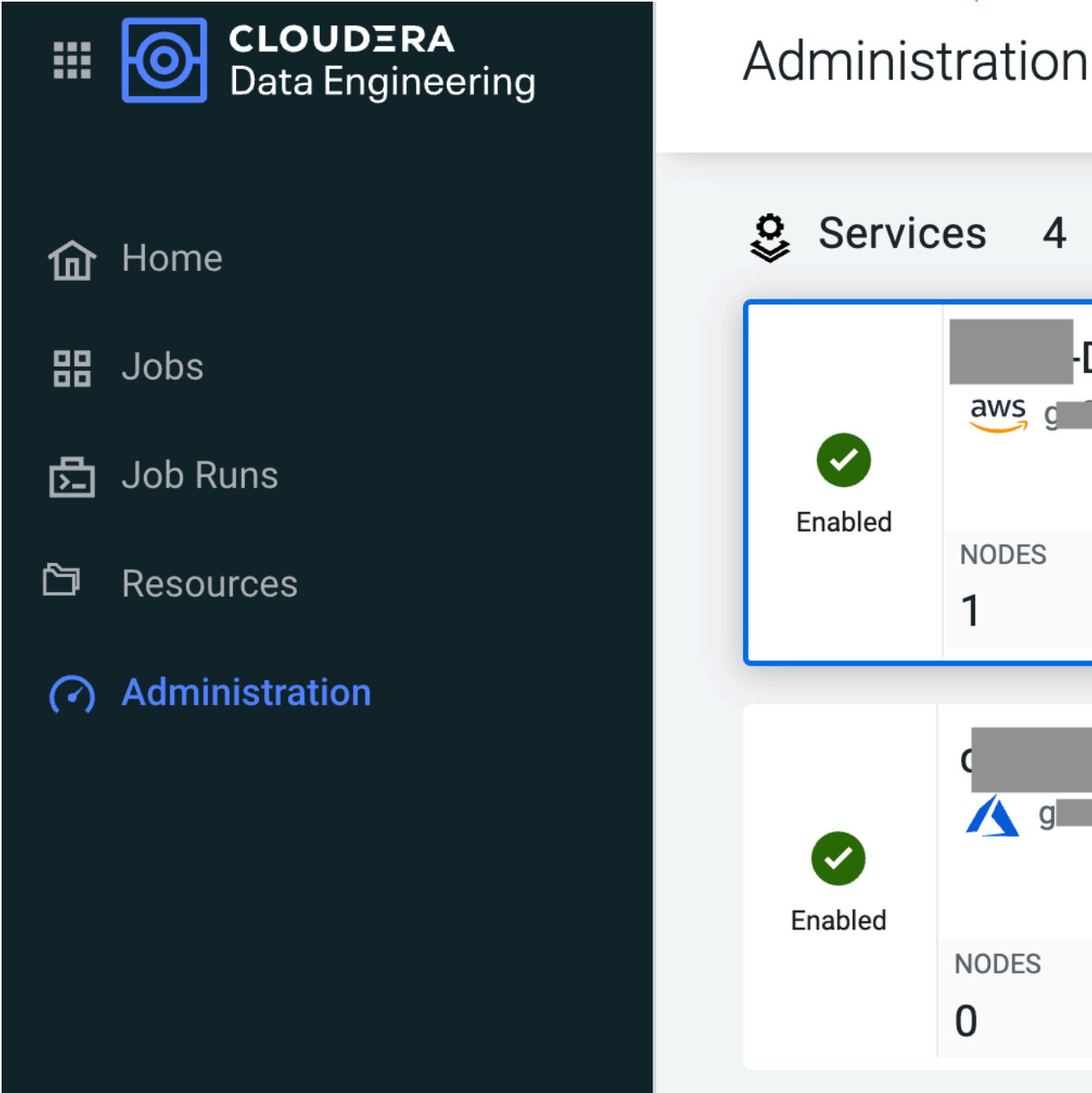
Connecting to Grafana dashboards in Cloudera Data Engineering Private Cloud

This topic describes how to access Grafana dashboards for advanced visualization of Virtual Cluster's metrics such as memory and CPU usage in Cloudera Data Engineering (CDE) Private Cloud.

For CDE Service

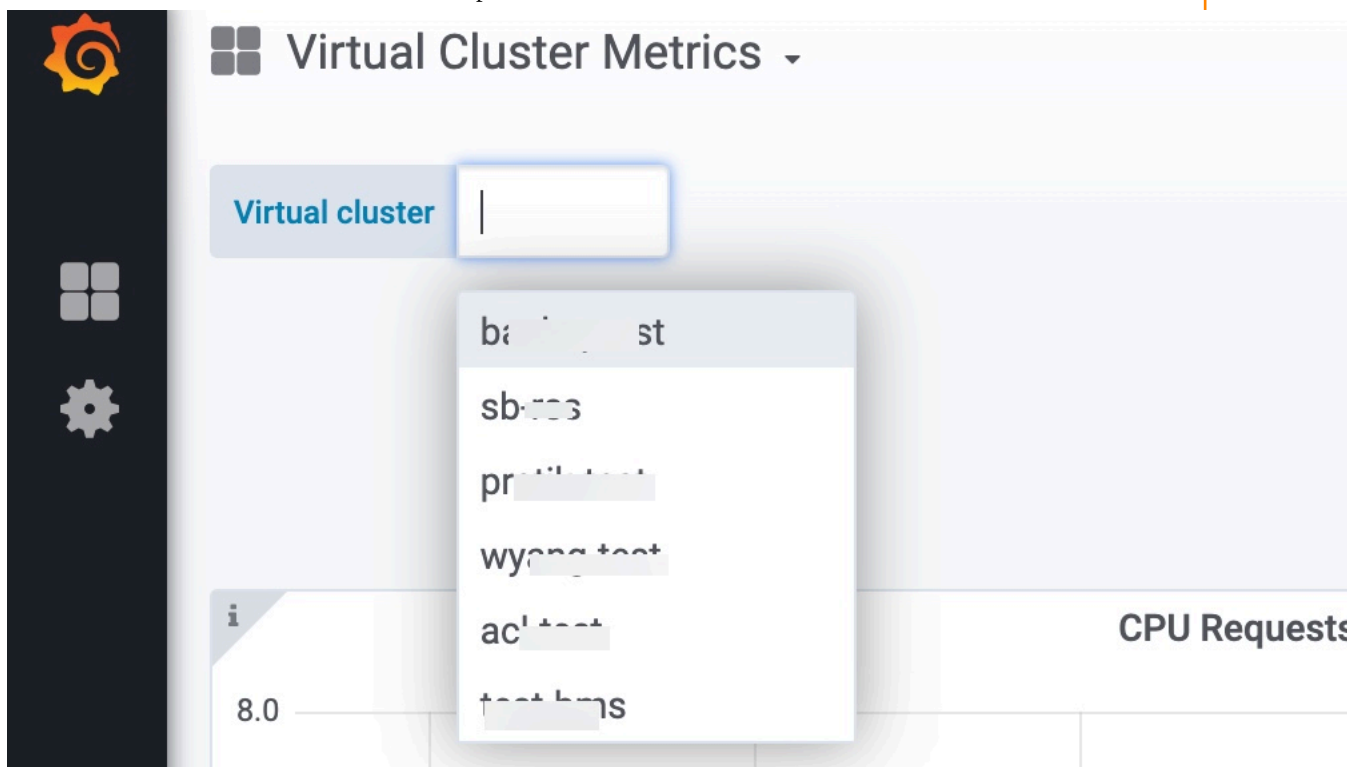
1. In the Cloudera Data Platform (CDP) console, click the Data Engineering tile. The Home page displays.

2. Click Administration in the left navigation menu and locate a Service in the Services column and click Service Details on the environment for which you want to see the Grafana dashboard.



3. In the Administration/Service page, click Grafana Charts. A read-only version of the Grafana interface opens in a new tab in your browser.
4.  In the Grafana dashboard, click the grid icon in the left navigation menu.
5. Select Virtual Cluster Metrics under the Dashboards pane.

6. Click on a virtual cluster name from the dropdown list to view the Grafana charts.



about CPU requests, memory requests, jobs, and other information related to the virtual cluster is displayed.

For Virtual Cluster

1. In the Cloudera Data Platform (CDP) console, click the Data Engineering tile. The CDE Home page displays.
2. In the Virtual Clusters section, navigate to the virtual cluster for which you want to see the Grafana dashboard.
3. Click View Cluster Details for the virtual cluster.

The Administration/Virtual Cluster page is displayed.

4. Click Grafana Charts.

A read-only version of the Grafana interface opens in a new tab in your browser.

Overview / [s...](#)

 **Running**

[s...](#) 23Mar

VERSION	VC ID	CREATED BY	CPU	MEMORY	JOBS
1.1...	-b26	dev-ops-600+77...	0	0 B	0 🔗

[CLI TOOL](#) : [API DOC](#)  [JOBS API URL](#)  **[GRAFANA CHARTS](#)**

[Configuration](#) [Charts](#) [Logs](#)

CDE Service

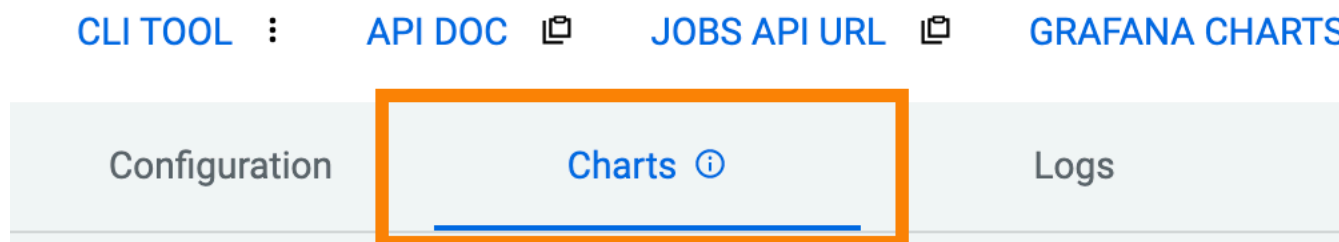
[c...](#)

Information about CPU requests, memory requests, jobs, and other information related to the virtual cluster is displayed.

- 5.** In the Virtual Cluster Metrics page, click on a virtual cluster name from the Virtual Cluster dropdown list to view the Grafana charts of that virtual cluster.



Note: You must first view the charts using the GRAFANA CHARTS link. Only then the charts in the Charts tab get loaded. Otherwise, it displays the The web page at <https://SERVICE.CDE-NRJCROWG7.APPS.APPS.SHARED-01.KCLOUD.CLDR.COM/GRAFANA/D/USZZ/KUBERNETES?KIOSK> might be temporarily down or it may have moved permanently to a new web address. error.



Accessing Grafana dashboards

Cloudera provides pre-built Grafana dashboards comprising metrics data, charts, and other visuals. You can access pre-built Grafana dashboards to monitor your jobs and virtual clusters in Cloudera Data Engineering (CDE). You can immediately view the Kubernetes and Virtual Cluster Metrics pre-built dashboards in CDE.

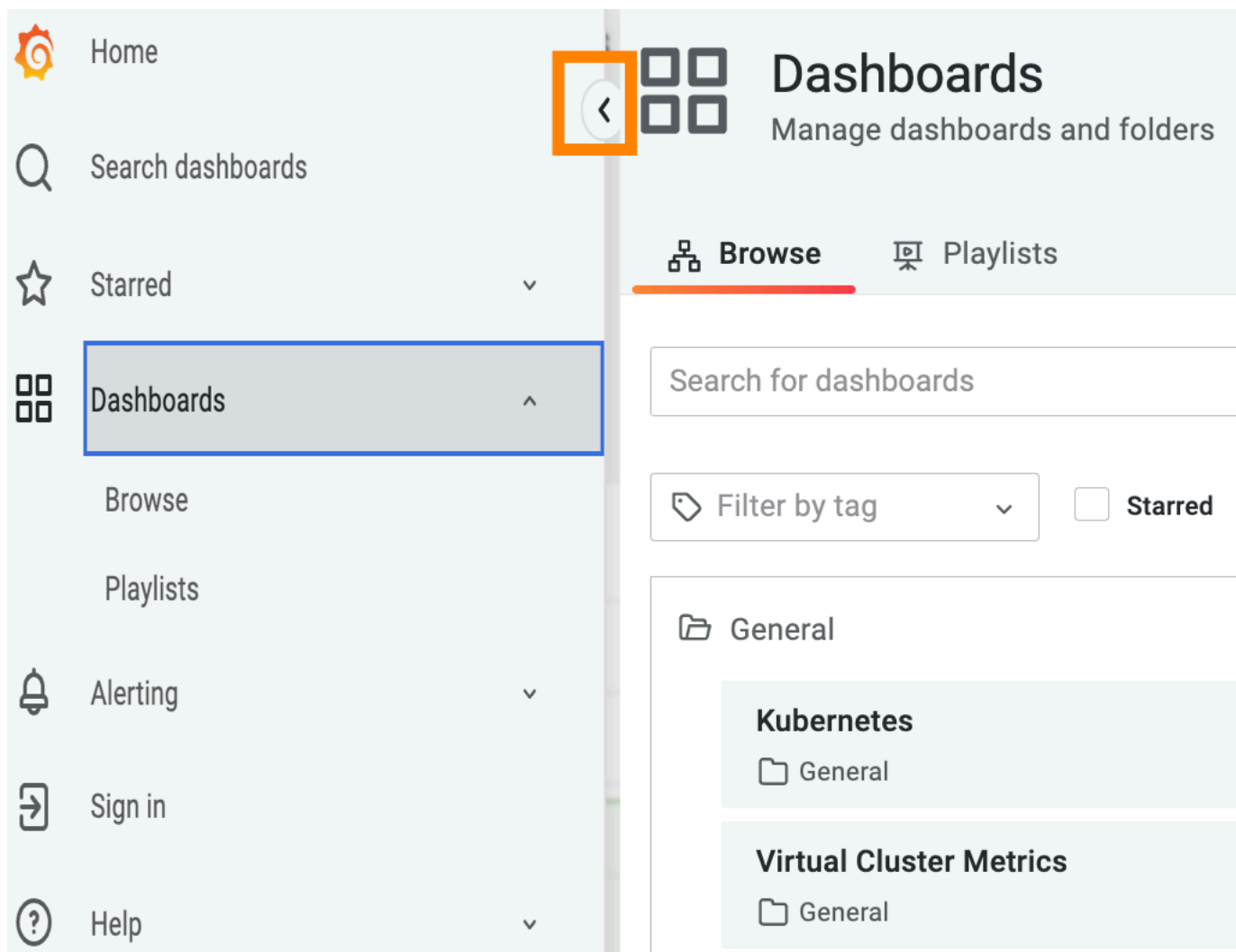
Before you begin

You must first connect to the Grafana dashboards in CDE Private Cloud to view the Kubernetes and Virtual Cluster Metrics dashboards.

Procedure

1. After you connect to the Grafana Dashboards from the CDE UI, click the  icon to view the left navigation pane.
2. Click Dashboards > Browse. The Dashboards screen is displayed.

3. In the Browse tab of Dashboards, click Kubernetes or Virtual Cluster Metrics to view the respective dashboard.



Downloading diagnostic bundles for CDE

Learn how to manage and download diagnostic bundles.

The CDP platform provides various services for managing and downloading diagnostic bundles.

You can download diagnostic bundles from the Cloudera Data Engineering. For more information, see *Options for generating the CDP Private Cloud diagnostic data*.

You can also send usage and diagnostic data from Cloudera Manager. For more information, see *Sending Usage and Diagnostic Data to Cloudera*.

Related Information

[Options for generating the CDP Private Cloud diagnostic data](#)

[Sending Usage and Diagnostic Data to Cloudera](#)

Monitoring metrics for Data Engineering on Private Cloud

Provides Virtual Cluster-level metrics for tracking job runs, database requests, HTTP server requests, LDAP calls, Kubernetes nodes and other components related to the environment. These metrics are stored in and monitored by Prometheus.

dex-app-*INSTANCE-ID*-api deployment

This section covers metrics for dex-app-*<instance-id>*-api.

cde_runtime_airflow_dag_check_duration_ms metric

CDP Private Cloud Data Service metrics for cde_runtime_airflow_dag_check_duration_ms.

cde_runtime_airflow_dag_check_duration_ms metric

Name	cde_runtime_airflow_dag_check_duration_ms
Description	Airflow DAG check duration
Type	HISTOGRAM
Labels	job_type
Unit	
Aggregates	- buckets - count - sum
Meta	- Category: dex - Deployment: dex-app-<i><instance-id></i>-api
Additional Notes	null
Version	null

cde_runtime_dbrequest_duration_ms metric

CDP Private Cloud Data Service metrics for cde_runtime_dbrequest_duration_ms.

cde_runtime_dbrequest_duration_ms metric

Name	cde_runtime_dbrequest_duration_ms
Description	DB requests duration with query_template_id, table, operation, result code

Type	HISTOGRAM
Labels	• operation • query_template_id • result • table
Unit	
Aggregates	• buckets • count • sum
Meta	• Category: dex • Deployment: dex-app-<instance-id>-api
Additional Notes	null
Version	null

cde_runtime_jobInfo metric

CDP Private Cloud Data Service metrics for cde_runtime_jobInfo.

cde_runtime_jobInfo metric

Name	cde_runtime_jobInfo
Description	Share information about dex runtime api
Type	GAUGE
Labels	• app • instance_name
Unit	
Aggregates	
Meta	• Category: dex • Deployment: dex-app-<instance-id>-api
Additional Notes	null
Version	

null

cde_runtime_jobLivyUp metric

CDP Private Cloud Data Service metrics for cde_runtime_jobLivyUp.

cde_runtime_jobLivyUp metric

Name

cde_runtime_jobLivyUp

Description

Indicates the Livy service status

Type

GAUGE

Labels

- app

Unit
Aggregates
Meta

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

cde_runtime_jobStatus metric

CDP Private Cloud Data Service metrics for cde_runtime_jobStatus.

cde_runtime_jobStatus metric

Name

cde_runtime_jobStatus

Description

The status of the DEX job runs

Type

GAUGE

Labels

- app
- job_type
- status

Unit
Aggregates
Meta

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

cde_runtime_jobWorkspaceCreationDuration metric

CDP Private Cloud Data Service metrics for cde_runtime_jobWorkspaceCreationDuration.

cde_runtime_jobWorkspaceCreationDuration metric**Name**

cde_runtime_jobWorkspaceCreationDuration

Description

Histogram of workspace creation durations

Type

HISTOGRAM

Labels

- app

Unit**Aggregates**

- buckets
- count
- sum

Meta

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

cde_runtime_ldap_requests_duration_ms metric

CDP Private Cloud Data Service metrics for cde_runtime_ldap_requests_duration_ms.

cde_runtime_ldap_requests_duration_ms metric**Name**

cde_runtime_ldap_requests_duration_ms

Description

LDAP call duration with call_type, call_result

Type

HISTOGRAM

Labels

- call_result
- call_type

Unit

Aggregates

- buckets
- count
- sum

Meta

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

cde_runtime_livy_requests_duration_ms metric

CDP Private Cloud Data Service metrics for cde_runtime_livy_requests_duration_ms.

cde_runtime_livy_requests_duration_ms metric**Name**

cde_runtime_livy_requests_duration_ms

Description

Livy requests duration

Type

HISTOGRAM

Labels

- requestFunction
- request_result_code
- request_type

Unit**Aggregates**

- buckets
- count
- sum

Meta

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

cde_runtime_monitors_check_run_statuses_ms metric

CDP Private Cloud Data Service metrics for cde_runtime_monitors_check_run_statuses_ms.

cde_runtime_monitors_check_run_statuses_ms metric**Name**

cde_runtime_monitors_check_run_statuses_ms

Description

checkRunStatuses duration

Type

HISTOGRAM

Labels**Unit****Aggregates**

- buckets
- count
- sum

Meta

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

cde_runtime_notices_collection_duration_seconds metric

CDP Private Cloud Data Service metrics for cde_runtime_notices_collection_duration_seconds.

cde_runtime_notices_collection_duration_seconds metric**Name**

cde_runtime_notices_collection_duration_seconds

Description

Histogram of notices collection durations

Type

HISTOGRAM

Labels

- app

Unit**Aggregates**

- buckets
- count
- sum

Meta

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

	null
Version	
	null

gin_request_body_total metric

CDP Private Cloud Data Service metrics for gin_request_body_total.

gin_request_body_total metric

Name	gin_request_body_total
Description	the server received request body size, unit byte
Type	COUNTER
Labels	
Unit	
Aggregates	
Meta	- Category: dex - Deployment: dex-app-<instance-id>-api
Additional Notes	null
Version	null

gin_request_duration metric

CDP Private Cloud Data Service metrics for gin_request_duration.

gin_request_duration metric

Name	gin_request_duration
Description	the time server took to handle the request.
Type	HISTOGRAM
Labels	uri
Unit	
Aggregates	- buckets - count - sum
Meta	

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

gin_request_total metric

CDP Private Cloud Data Service metrics for gin_request_total.

gin_request_total metric**Name**

gin_request_total

Description

all the server received request num.

Type

COUNTER

Labels**Unit****Aggregates****Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

gin_request_uv_total metric

CDP Private Cloud Data Service metrics for gin_request_uv_total.

gin_request_uv_total metric**Name**

gin_request_uv_total

Description

all the server received ip num.

Type

COUNTER

Labels**Unit****Aggregates****Meta**

- Category: dex

- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

gin_response_body_total metric

CDP Private Cloud Data Service metrics for gin_response_body_total.

gin_response_body_total metric**Name**

gin_response_body_total

Description

the server send response body size, unit byte

Type

COUNTER

Labels**Unit****Aggregates****Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

gin_slow_request_total metric

CDP Private Cloud Data Service metrics for gin_slow_request_total.

gin_slow_request_total metric**Name**

gin_slow_request_total

Description

the server handled slow requests counter, t=5.

Type

COUNTER

Labels

- code
- method
- uri

Unit**Aggregates**

Meta

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

gin_uri_request_total metric

CDP Private Cloud Data Service metrics for gin_uri_request_total.

gin_uri_request_total metric

Name

gin_uri_request_total

Description

all the server received request num with every uri.

Type

COUNTER

Labels

- code
- method
- uri

Unit**Aggregates****Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

go_gc_duration_seconds metric

CDP Private Cloud Data Service metrics for go_gc_duration_seconds.

go_gc_duration_seconds metric

Name

go_gc_duration_seconds

Description

A summary of the pause duration of garbage collection cycles.

Type

SUMMARY

Labels**Unit**

Aggregates

- count
- quantiles
- sum

Meta

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

go_goroutines metric

CDP Private Cloud Data Service metrics for go_goroutines.

go_goroutines metric**Name**

go_goroutines

Description

Number of goroutines that currently exist.

Type

GAUGE

Labels**Unit****Aggregates****Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

go_info metric

CDP Private Cloud Data Service metrics for go_info.

go_info metric**Name**

go_info

Description

Information about the Go environment.

Type

GAUGE

Labels

- version

Unit**Aggregates****Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

go_memstats_alloc_bytes metric

CDP Private Cloud Data Service metrics for go_memstats_alloc_bytes.

go_memstats_alloc_bytes metric**Name**

go_memstats_alloc_bytes

Description

Number of bytes allocated and still in use.

Type

GAUGE

Labels**Unit****Aggregates****Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

go_memstats_alloc_bytes_total metric

CDP Private Cloud Data Service metrics for go_memstats_alloc_bytes_total.

go_memstats_alloc_bytes_total metric**Name**

go_memstats_alloc_bytes_total

Description

Total number of bytes allocated, even if freed.

Type

COUNTER

Labels**Unit****Aggregates****Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

go_memstats_buck_hash_sys_bytes metric

CDP Private Cloud Data Service metrics for go_memstats_buck_hash_sys_bytes.

go_memstats_buck_hash_sys_bytes metric**Name**

go_memstats_buck_hash_sys_bytes

Description

Number of bytes used by the profiling bucket hash table.

Type

GAUGE

Labels**Unit****Aggregates****Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

go_memstats_frees_total metric

CDP Private Cloud Data Service metrics for go_memstats_frees_total.

go_memstats_frees_total metric**Name**

go_memstats_frees_total

Description

Total number of frees.

Type

COUNTER

Labels

Unit**Aggregates****Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

go_memstats_gc_sys_bytes metric

CDP Private Cloud Data Service metrics for go_memstats_gc_sys_bytes.

go_memstats_gc_sys_bytes metric**Name**

go_memstats_gc_sys_bytes

Description

Number of bytes used for garbage collection system metadata.

Type

GAUGE

Labels**Unit****Aggregates****Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

go_memstats_heap_alloc_bytes metric

CDP Private Cloud Data Service metrics for go_memstats_heap_alloc_bytes.

go_memstats_heap_alloc_bytes metric**Name**

go_memstats_heap_alloc_bytes

Description

Number of heap bytes allocated and still in use.

Type

GAUGE

Labels**Unit**

Aggregates**Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

go_memstats_heap_idle_bytes metric

CDP Private Cloud Data Service metrics for go_memstats_heap_idle_bytes.

go_memstats_heap_idle_bytes metric**Name**

go_memstats_heap_idle_bytes

Description

Number of heap bytes waiting to be used.

Type

GAUGE

Labels**Unit****Aggregates****Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

go_memstats_heap_inuse_bytes metric

CDP Private Cloud Data Service metrics for go_memstats_heap_inuse_bytes.

go_memstats_heap_inuse_bytes metric**Name**

go_memstats_heap_inuse_bytes

Description

Number of heap bytes that are in use.

Type

GAUGE

Labels**Unit****Aggregates**

Meta

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

go_memstats_heap_objects metric

CDP Private Cloud Data Service metrics for go_memstats_heap_objects.

go_memstats_heap_objects metric

Name

go_memstats_heap_objects

Description

Number of allocated objects.

Type

GAUGE

Labels**Unit****Aggregates****Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

go_memstats_heap_released_bytes metric

CDP Private Cloud Data Service metrics for go_memstats_heap_released_bytes.

go_memstats_heap_released_bytes metric

Name

go_memstats_heap_released_bytes

Description

Number of heap bytes released to OS.

Type

GAUGE

Labels**Unit****Aggregates****Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

go_memstats_heap_sys_bytes metric

CDP Private Cloud Data Service metrics for go_memstats_heap_sys_bytes.

go_memstats_heap_sys_bytes metric**Name**

go_memstats_heap_sys_bytes

Description

Number of heap bytes obtained from system.

Type

GAUGE

Labels**Unit****Aggregates****Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

go_memstats_last_gc_time_seconds metric

CDP Private Cloud Data Service metrics for go_memstats_last_gc_time_seconds.

go_memstats_last_gc_time_seconds metric**Name**

go_memstats_last_gc_time_seconds

Description

Number of seconds since 1970 of last garbage collection.

Type

GAUGE

Labels**Unit****Aggregates****Meta**

- Category: dex

- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

go_memstats_lookups_total metric

CDP Private Cloud Data Service metrics for go_memstats_lookups_total.

go_memstats_lookups_total metric**Name**

go_memstats_lookups_total

Description

Total number of pointer lookups.

Type

COUNTER

Labels**Unit****Aggregates****Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

go_memstats_mallocs_total metric

CDP Private Cloud Data Service metrics for go_memstats_mallocs_total.

go_memstats_mallocs_total metric**Name**

go_memstats_mallocs_total

Description

Total number of mallocs.

Type

COUNTER

Labels**Unit****Aggregates****Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

go_memstats_mcache_inuse_bytes metric

CDP Private Cloud Data Service metrics for go_memstats_mcache_inuse_bytes.

go_memstats_mcache_inuse_bytes metric**Name**

go_memstats_mcache_inuse_bytes

Description

Number of bytes in use by mcache structures.

Type

GAUGE

Labels**Unit****Aggregates****Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

go_memstats_mcache_sys_bytes metric

CDP Private Cloud Data Service metrics for go_memstats_mcache_sys_bytes.

go_memstats_mcache_sys_bytes metric**Name**

go_memstats_mcache_sys_bytes

Description

Number of bytes used for mcache structures obtained from system.

Type

GAUGE

Labels**Unit****Aggregates****Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

	null
Version	
	null

go_memstats_mspan_inuse_bytes metric

CDP Private Cloud Data Service metrics for go_memstats_mspan_inuse_bytes.

go_memstats_mspan_inuse_bytes metric

Name	go_memstats_mspan_inuse_bytes
Description	Number of bytes in use by mspan structures.
Type	GAUGE
Labels	
Unit	
Aggregates	
Meta	• Category: dex • Deployment: dex-app-<instance-id>-api
Additional Notes	null
Version	null

go_memstats_mspan_sys_bytes metric

CDP Private Cloud Data Service metrics for go_memstats_mspan_sys_bytes.

go_memstats_mspan_sys_bytes metric

Name	go_memstats_mspan_sys_bytes
Description	Number of bytes used for mspan structures obtained from system.
Type	GAUGE
Labels	
Unit	
Aggregates	
Meta	• Category: dex • Deployment: dex-app-<instance-id>-api
Additional Notes	null

Version

null

go_memstats_next_gc_bytes metric

CDP Private Cloud Data Service metrics for go_memstats_next_gc_bytes.

go_memstats_next_gc_bytes metric**Name**

go_memstats_next_gc_bytes

Description

Number of heap bytes when next garbage collection will take place.

Type

GAUGE

Labels**Unit****Aggregates****Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

go_memstats_other_sys_bytes metric

CDP Private Cloud Data Service metrics for go_memstats_other_sys_bytes.

go_memstats_other_sys_bytes metric**Name**

go_memstats_other_sys_bytes

Description

Number of bytes used for other system allocations.

Type

GAUGE

Labels**Unit****Aggregates****Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

go_memstats_stack_inuse_bytes metric

CDP Private Cloud Data Service metrics for go_memstats_stack_inuse_bytes.

go_memstats_stack_inuse_bytes metric

Name

go_memstats_stack_inuse_bytes

Description

Number of bytes in use by the stack allocator.

Type

GAUGE

Labels

Unit

Aggregates

Meta

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

go_memstats_stack_sys_bytes metric

CDP Private Cloud Data Service metrics for go_memstats_stack_sys_bytes.

go_memstats_stack_sys_bytes metric

Name

go_memstats_stack_sys_bytes

Description

Number of bytes obtained from system for stack allocator.

Type

GAUGE

Labels

Unit

Aggregates

Meta

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

go_memstats_sys_bytes metric

CDP Private Cloud Data Service metrics for go_memstats_sys_bytes.

go_memstats_sys_bytes metric

Name

go_memstats_sys_bytes

Description

Number of bytes obtained from system.

Type

GAUGE

Labels**Unit****Aggregates****Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

go_threads metric

CDP Private Cloud Data Service metrics for go_threads.

go_threads metric

Name

go_threads

Description

Number of OS threads created.

Type

GAUGE

Labels**Unit****Aggregates****Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

process_cpu_seconds_total metric

CDP Private Cloud Data Service metrics for process_cpu_seconds_total.

process_cpu_seconds_total metric

Name

process_cpu_seconds_total

Description

Total user and system CPU time spent in seconds.

Type

COUNTER

Labels**Unit****Aggregates****Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

process_max_fds metric

CDP Private Cloud Data Service metrics for process_max_fds.

process_max_fds metric

Name

process_max_fds

Description

Maximum number of open file descriptors.

Type

GAUGE

Labels**Unit****Aggregates****Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

process_open_fds metric

CDP Private Cloud Data Service metrics for process_open_fds.

process_open_fds metric

Name

process_open_fds

Description

Number of open file descriptors.

Type

GAUGE

Labels**Unit****Aggregates****Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

process_resident_memory_bytes metric

CDP Private Cloud Data Service metrics for process_resident_memory_bytes.

process_resident_memory_bytes metric

Name

process_resident_memory_bytes

Description

Resident memory size in bytes.

Type

GAUGE

Labels**Unit****Aggregates****Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

process_start_time_seconds metric

CDP Private Cloud Data Service metrics for process_start_time_seconds.

process_start_time_seconds metric

Name

process_start_time_seconds

Description

Start time of the process since unix epoch in seconds.

Type

GAUGE

Labels**Unit****Aggregates****Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

process_virtual_memory_bytes metric

CDP Private Cloud Data Service metrics for process_virtual_memory_bytes.

process_virtual_memory_bytes metric

Name

process_virtual_memory_bytes

Description

Virtual memory size in bytes.

Type

GAUGE

Labels**Unit****Aggregates****Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

process_virtual_memory_max_bytes metric

CDP Private Cloud Data Service metrics for process_virtual_memory_max_bytes.

process_virtual_memory_max_bytes metric

Name

process_virtual_memory_max_bytes

Description

Maximum amount of virtual memory available in bytes.

Type

GAUGE

Labels**Unit****Aggregates****Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

promhttp_metric_handler_requests_in_flight metric

CDP Private Cloud Data Service metrics for promhttp_metric_handler_requests_in_flight.

promhttp_metric_handler_requests_in_flight metric

Name

promhttp_metric_handler_requests_in_flight

Description

Current number of scrapes being served.

Type

GAUGE

Labels**Unit****Aggregates****Meta**

- Category: dex
- Deployment: dex-app-<instance-id>-api

Additional Notes

null

Version

null

promhttp_metric_handler_requests_total metric

CDP Private Cloud Data Service metrics for promhttp_metric_handler_requests_total.

promhttp_metric_handler_requests_total metric

Name	promhttp_metric_handler_requests_total
Description	Total number of scrapes by HTTP status code.
Type	COUNTER
Labels	code
Unit	
Aggregates	
Meta	- Category: dex - Deployment: dex-app-<instance-id>-api
Additional Notes	null
Version	null