CDP Private Cloud Data Services 1.5.4

CDP Private Cloud Experiences Dashboard

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Contents

Management Conse	ole Dashboard	1
Monitoring Control H	lane using Grafana Dashboards	4
Silencing alerts		5
Monitoring Control F Silencing alerts	Plane using Grafana Dashboards	4

Management Console Dashboard

CDP Management Console dashboard provides insight into the health of the control plane components and environment. You can also view all the issues in a single location and easily manage and administer the cluster. The list of environments and various components of Management Console are updated dynamically.

You can view a summary of the CDP environment in the Dashboard page by clicking Dashboard in the left navigation panel.

III SCLOUDERA Management Console	Dashboard		
命 Dashboard 스 Environments 용 User Management	II System Resource	Memory	30 Minutes ∨
변 Data Warehouse 33 ML Workspaces G Resource Utilization (④ Administration		0.15 cores 0.1 cores 0.05 cores 0.15 GB 0.05 cores 0.05 cores 0.05 cores 0.11 cores 0.05 cores 0.12 PM 0.13 PM 0.14 PM 0.14 PM 0.14 PM 0.14 PM 0.14 PM 0.14 PM 0.14	
	Management Co test-ati3-env1 System Status test-ati3-env1	Itest-ati3-env2 Management Co Itest-ati3-env2 View detailed resource usage breakdown in Mon Issue Environment	itoring Dashboard 12
	 ✓ Sinfrastructure ⑦ ■ Data Lake ✓ test-ati3-env2 ⑦ ③ Infrastructure ▲ ■ Data Lake 	DataLakeClusterHealthisConcerning: Health of the datalake cluster 'Cluster 1' is reported CONCERNING by Cloudera Manager. DataLakeClusterHealthisConcerning: Health of the datalake cluster 'Cluster 1' is reported CONCERNING by Cloudera Manager. Ta hours ago (2020-11-20.01/28.35 AM +01.00) Environment test-atl3-env2 Service Data Lake Component evironment-monitoring platform	DL
 ⑦ Help ▲ admin@cdp.example 	 Management Console 	Displaying 1 - 1 of 1 < 1 >	10 / page \vee

- CPU Provides information about the number of cores used by the workloads
- Memory Provides information about the memory used by the workloads
- System Status
 - Environment Displays health information of the control plane, Data Lake, currently running workloads, and associated alerts.
 - Management Console Displays health of the control plane and associated alerts
- Issues Displays the alerts, status, errors, and warnings related to the environments and workloads. Each alert provides information about the environment, service, component, timestamp, and optionally a link that provides more details.
- Display Allows you to specify the number of alerts per page using the Display option.
- Time Range Allows you to select a time range from the available options, between 30 minutes to 1 day, and view resource usage data of a specific environment.

You can filter the alerts based on the environments and workloads.

Monitoring Control Plane using Grafana Dashboards

You can access pre-built Grafana dashboards to monitor your environments.

About Grafana

Grafana is a visualization and analytics software application that enables development of dashboards to monitor metrics data on many types of systems. For more information, see the link to Grafana documentation at the bottom of this page.



Note: You must have EnvironmentAdmin privileges to access Grafana.

CLOUDERA Management Console	Dashboard		
 			
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🔀 ML Workspaces			
Resource Utilization			- 10 GiB
	- 0.05 cores		- 5 GIB
	0 cores 01:11 PM 01:16 PM 01:21 PM 01:26 PM 01:31 PM 01:36 PM 01:41 PM Management Co test-ati3-env1 test-ati3-env2	01:11 PM 01:16 PM 01:21 PM 01:26 PM 01:31 PM 01:36 PM 01:4 Management Co test-ati3-env1 test-ati3-env2	– 0 GIB I PM
		View detailed resource usage breakdov	n in Monitoring Dashboard
	① System Status		

A default Grafana dashboard includes panels on CPU usage, memory usage, running processes, and so on for your environment. For more information, see the Grafana documentation.

Related Information

Grafana documentation

Silencing alerts

Problems that arise can trigger alerts that persist on the Management Console dashboard until the cause is resolved (depending on the alert rule configuration). You can use alert silencing to avoid repeated alert pings while troubleshooting issues.

Silencing an alert

1. On the Management Console dashboard, click Silence for the alert you would like to silence.

Hanagement Console Dashboard								
Dashboard II System Resource							30 Minu	tes ∨
CPU				emory			10 GiB	
옷 User Management				- (
🛱 Data Warehouse			— 2.4 cores —				7.5 GIB	
S ML Workspaces			— 1.6 cores —				5 GiB	
Resource Utilization			- 0.8 cores				2.5 GIB	
日 日 Clusters	~	\sim	0 cores				0 GiB	
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				View det	tailed resource us	age breakdown in 🤇	う Monitoring Da	ashboard
③ System Status								
🛆 default	0	Rule	Note	Time Reported	Environment	Service		
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🖷 Data Lake 🖸	~	Alert-http-r equests1	Job failed to co mplete	5 minutes ago	Management Console	Miscellaneous	Silence	\checkmark
₹ Management Consol	e 🔿	Alert-http-r equests1	Job failed to co mplete	5 minutes ago	Management Console	Miscellaneous	Silence	\sim
@ User Management	~	Alert-http-r equests1	Job failed to co mplete	5 minutes ago	Management Console	Miscellaneous	Silence	\sim
ML Control Plane Ø DW Control Plane	~	Alert-http-r equests1	Job failed to co mplete	5 minutes ago	Management Console	Miscellaneous	Silence	\checkmark
 Data Engineering 	~	Alert-http-r equests1	Job failed to co mplete	5 minutes ago	Management Console	Miscellaneous	Silence	\checkmark
Ø Monitoring Ø Compute Engine	× _	Alert-http-r equests1	Job failed to co mplete	5 minutes ago	Management Console	Miscellaneous	Silence	\sim
@ Platform Security	~	Alert-http-r equests1	Job failed to co mplete	5 minutes ago	Management Console	Miscellaneous	Silence	\checkmark
Help Ø UI Components Ø Miscellaneous	✓ ▲	Alert-http-r equests1	Job failed to co mplete	5 minutes ago	Management Console	Miscellaneous	Silence	\checkmark
A admin@cdp.example		Alert-http-r equests1	Job failed to co mplete	5 minutes ago	Management Console	Miscellaneous	Silence	\checkmark

2. On the Silence Alert pop-up, specify an expiration date and enter a reason for silencing the alert, then click Silence.



Unsilencing an alert

1. On the Management Console dashboard, click Unsilence for the alert you would like to unsilence.

Hanagement Console	Dashboard						
 Dashboard △ Environments ※ User Management □ Data Warehouse > ML Workspaces ☑ Resource Utilization ☑ Clusters ③ Administration 	I I System Resource CPU 0.5 cores 0.4 cores 0.3 cores 0.3 cores 0.1 co					30 Minutes ∨ 10 GIB 7.5 GIB 2.5 GIB 0 GIB	
	© System Status	Rule	Note	View det	ailed resource usa	age breakdown in Service	⑦ Monitoring Dashboard
	Gerault Grastructure Data Lake	Alert-http-r equests1 Alert-http-r equests1	Job failed to co mplete Job failed to co mplete	8 minutes ago 8 minutes ago	Management Console Management Console	Miscellaneous	Q Unsilence ✓
	 ✓ Management Console ✓ Environment Service 	Alert-http-r equests1	Job failed to co mplete	8 minutes ago	Management Console	Miscellaneous	Silence ∨
	 Ø User Management ✓ Ø ML Control Plana 	Alert-http-r equests1	Job failed to co mplete	8 minutes ago	Management Console	Miscellaneous	Silence ∨
	WIL Control Plane	Alert-http-r equests1	Job failed to co mplete	8 minutes ago	Management Console	Miscellaneous	Silence ∨
	O Data Engineering	Alert-http-r equests1	Job failed to co mplete	8 minutes ago	Management Console	Miscellaneous	Silence V

2. On the Unsilence Alert pop-up, click Unsilence.

CLOUDERA Management Console	Dashboard	
f Dashboard	II System Ref	30 Minutes V
C Environments	The following alert will be unsilenced:	10 GiB 7.5 GiB
 Data Warehouse ML Workspaces 	Alert-http-requests1 Notifications will resume for all associated recipients.	5 GiB
Resource Utilization	Cancel Unsilence	2.5 GiB
🛱 Clusters	01:49 PM 01:57 PM 02:05 PM 02:13 PM 01:49 PM 01:57 PM 02:05 PM 02:13 PM 01:49 PM 01:57 PM 02:05 PM 02:13 PM 02:	0 GiB
	View detailed resource usage breakdo	own in 🕐 Monitoring Dashboard