

Managing Jobs

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Managing jobs

Cloudera Data Visualization enables you to manage jobs, scheduled jobs, and schedule intervals.

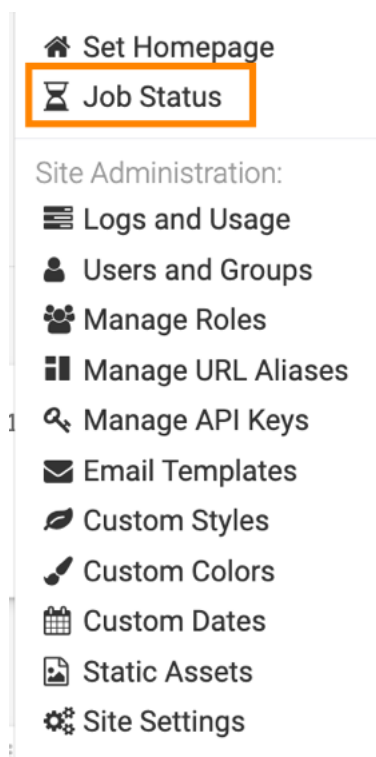
About this task



Note: Users without administrative privileges can only edit jobs created by them.

Procedure

1. Click the Gear icon on the main navigation bar to open the Administration menu.
2. Click Job Status to get to the Jobs interface.



Results

The Jobs interface appears, which has three main tabs:

- Job Logs
- Scheduled Jobs
- Manage Schedule Intervals

Related Information

[Job log](#)

[Scheduled jobs](#)

[Manage schedule intervals](#)

Creating new email jobs

Cloudera Data Visualization supports three type of email jobs:

Related Information

[Immediate email](#)

[Schedule-based email](#)

[Threshold-based email](#)

Immediate email

You can share existing visuals with other users on an ad-hoc basis.

About this task

Follow these steps to email a visual, a sheet, or a dashboard of your choice. You can accomplish this task either from Edit mode or from View mode.

Before you begin


You have an email template available for use. For instructions, see *Creating new email templates*.

Procedure

1. Open the visual or dashboard that you want to include in the email.
This example walks you through emailing a visual.
2. Click the (ellipsis) icon in the upper right corner to open the supplemental menu, and select Email from the drop-down menu.
The Email modal appears.

3. Select the Email now option.

Email Visual

☒ Email now ☐  Schedule Email ☐ Email based on threshold

Email Detail

To*

CC

Error Notification Emails ⓘ

Reply To ⓘ

cloudera.viztest@gmail.com


From

vizapps_admin <cloudera.viztest@gmail.com>

Subject*

[Cloudera Data Visualization]

Email Template

Default Email Template 

[Preview Email Template](#)

Message

[Show Job Parameters](#)

Page Parameters ⓘ

☒ Include page parameters ☐ Do not include page parameters

URL alias


☐ Use URL Alias

Attach ⓘ

☒ Embedded Image ☐ PNG ☐ PDF ☐ XLSX ☐ CSV

[Go to Jobs page to view status](#)

CANCEL

 SEND

4. Fill in the email details.

Fields marked with an asterisk are mandatory.

- To – Enter the email addresses of the primary recipients of the message.
- CC – Enter the email addresses of other recipients.
- Error Notification Emails – Enter an email address where you want to receive data visualization error messages.
- Reply To – Enter an email address if you would like responses to go to a different email address than the sender.
- From – You can set the value of this field in Site Settings.
- Subject – You can change the default title of the email.

**Note:**

The subject is the prefix you specified when enabling email, with the title of the visual added. The default prefix is [Cloudera Data Visualization].

5. Under Email Template, leave the Default Email Template selected.**6. If you want to see how the template looks, click Preview Email Template.**

Note: Only users with administrative privileges can create and manage email templates. For more information, see *Creating new email templates*.

7. Enter the text of the email in the Message field.**8. For visuals that have parameterized fields on their shelves, in Page Parameters you can choose:**

- Include page parameters (default)
- Do not include page parameters

9. You can add a short URL in the email.

You can create a new alias or use an existing one that you created earlier.

**Important:**

Add the Current Sheet Link to the message, otherwise, the URL alias will not appear in the email.

- a. Click the Use URL Alias checkbox.
- b. Choose an existing URL alias or create a new one.
- c. Click Show Job Parameters under the Message textbox.
- d. Click Current Sheet Link.

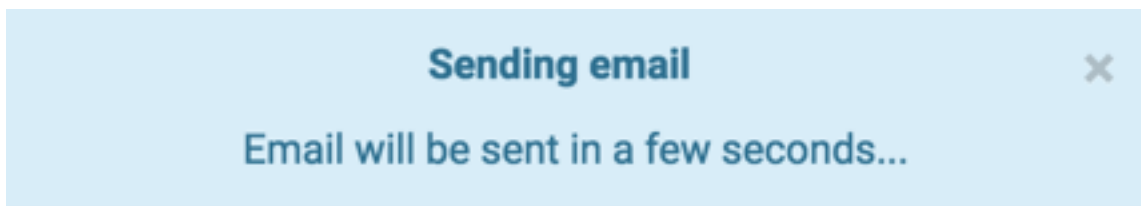
The <<app_url>> appears in the message.

10. For Attach options, decide whether you want to embed the image in the email and select what format to use:

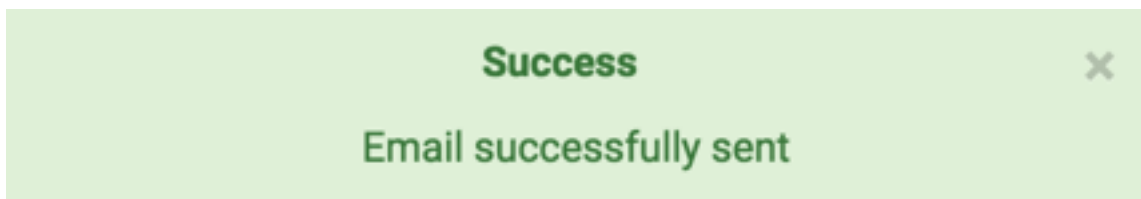
- Embedded Image (default)
- PNG
- PDF
- XLSX
- CSV

11. Click SEND.

The system notifies the user that an email is being prepared.



After the operation succeeds, you get the following message:

**What to do next**

You may choose to see the list of pending emails, cancel running jobs, or re-send an email. Click the link [Go to Jobs](#) page to view status on the UI for details.

For more information, see *Managing jobs*.

Related Information

[Creating new email templates](#)

[Managing jobs](#)

Schedule-based email

You can schedule regular emails of visuals, sheets, and dashboards. Scheduled jobs run on a schedule, or are triggered by measures on the dataset reaching a defined threshold.

Before you begin

Before you schedule an email, check the Enable scheduled jobs option in [Site Settings Jobs](#) . For more information, see *Enabling scheduled jobs* in the Site Settings documentation.

About this task

Follow these steps to schedule sending emails of visual, sheet, or dashboard. You can accomplished this either in Edit or in View mode.

Before you begin

You have an email template available for use. For instructions, see *Creating new email templates*.

Procedure

1. Open the visual or dashboard that you want to include in the email.
This example walks you through emailing a visual.
2. Click the (ellipsis) icon in the upper right corner to open the supplemental menu, and select Email from the drop-down menu.
The Email modal appears.

3. Select the Schedule Email option.

Email Visual

☐ Email now ☒  Schedule Email ☐ Email based on threshold


[Email Detail](#)**Job Name*****Repeat**

Hourly

Every at minute(s) past the hour UTC

Local Time: 25 Apr 2023 11:46 Central (UTC+0200)

UTC Time: 25 Apr 2023 09:46 UTC

To***CC****Error Notification
Emails ****Reply To **

cloudera.viztest@gmail.com

From

vizapps_admin <cloudera.viztest@gmail.com>

Subject*

[Cloudera Data Visualization]

Email Template

Default Email Template

[Preview Email Template](#)**Message**[Show Job Parameters](#)**Page Parameters **☒ Include page parameters ☐ Do not include page parameters**URL alias**☐ Use URL Alias**Attach **☒ Embedded Image ☐ PNG ☐ PDF ☐ XLSX ☐ CSV[Go to Jobs page to view status](#)

CANCEL

SAVE

4. In the Job Name text box of the Email Detail tab, enter the name of the scheduled job.
5. In the Repeat field, select an existing schedule interval:

- Hourly (default)
- Daily
- Every Weekday
- Weekly
- Monthly
- Quarterly
- or any existing custom schedule.

**Note:**

You can also select Create New Schedule. This option is available to Admin users only.

6. Fill in the email details:

- In the To text box, enter the email addresses of the primary recipients of the message.
- In the CC text box, enter the valid email addresses of other recipients.
- In the Error Notification Emails text box, enter an email address where error notifications will be sent to.
- In the Reply To text box, add an email address if you want responses to go to a different email address than the sender.
- The value of the From field is configured on the Site Settings interface.
- In the Subject text box, you can change the title of the email.

**Note:**

The subject is the prefix you specified when enabling email, with the title of the visual added. The default prefix is [Cloudera Data Visualization].

7. Under Email Template, leave Default Email Template selected.
8. If you want to see how the template looks, click Preview Email Template.



Note: Only users with administrative privileges can create and manage email templates. For more information, see *Creating new email templates*.

9. Enter the text of the email in the Message field.
10. For visuals that have parametrized fields on their shelves, in the Page Parameters you can choose one of these:
 - Include page parameters (default)
 - Do not include page parameters, which includes default picklist parameters.
11. You can add a short URL in the email.

You can create a new alias or use an existing one that you created earlier.

**Important:**

Add the Current Sheet Link to the message, otherwise, the URL alias will not appear in the email.

- a. Click the Use URL Alias checkbox.
- b. Choose an existing URL alias or create a new one.
- c. Click Show Job Parameters under the Message textbox.
- d. Click Current Sheet Link.

The <<app_url>> appears in the message.

12. For Attach options, choose one of these:

- Embedded Image (default)
- PNG
- PDF
- XLSX
- CSV

13. Click SAVE.

The system notifies you that the schedule was created successfully.

Related Information

[Enabling scheduled jobs](#)

[Creating new email templates](#)

Threshold-based email

You can set up email notifications when a specified triggering condition occurs.

About this task

Follow these steps to define triggering conditions and triggered emails for a visual, a sheet, or a dashboard. You can accomplish this either in Edit or in View mode.

Before you begin

You have an email template available for use. For instructions, see *Creating new email templates*.

Procedure

1. Open the visual you want to include in the email.
2. Click the (ellipsis) icon in the upper right corner to open the supplemental menu, and select Email from the drop-down menu.

The Email modal appears.

3. Select the Email based on threshold option.

Email Visual

☐ Email now ☐ Schedule Email ☒ Email based on threshold

Email Detail

Set Threshold

To*

CC

Error Notification Emails ⓘ

Reply To ⓘ

cloudera.viztest@gmail.com

From

vizapps_admin <cloudera.viztest@gmail.com>

Subject*

[Cloudera Data Visualization]

Email Template

Default Email Template ▾

[Preview Email Template](#)

Message

[Show Job Parameters](#)

Page Parameters ⓘ

☒ Include page parameters ☐ Do not include page parameters

URL alias

☐ Use URL Alias

Attach ⓘ

☒ Embedded Image ☐ PNG ☐ PDF ☐ XLSX ☐ CSV

[Go to Jobs page to view status](#)

CANCEL

SAVE

4. Fill in the email details.

Fields marked with an asterisk are mandatory.

- To – Enter the email addresses of the primary recipients of the message.
- CC – Enter the email addresses of other recipients.
- Error Notification Emails – Enter an email address where you want to receive data visualization error messages.
- Reply To – Enter an email address if you would like responses to go to a different email address than the sender.
- From – You can set the value of this field in Site Settings.
- Subject – You can change the default title of the email.

**Note:**

The subject is the prefix you specified when enabling email, with the title of the visual added. The default prefix is [Cloudera Data Visualization].

5. Under Email Template, leave the Default Email Template selected.**6. If you want to see how the template looks, click Preview Email Template.**

Note: Only users with administrative privileges can create and manage email templates. For more information, see *Creating new email templates*.

7. Enter the text of the email in the Message field.**8. For visuals that have parameterized fields on their shelves, in Page Parameters you can choose:**

- Include page parameters (default)
- Do not include page parameters

9. You can add a short URL in the email.

You can create a new alias or use an existing one that you created earlier.

**Important:**

Add the Current Sheet Link to the message, otherwise, the URL alias will not appear in the email.

- a. Click the Use URL Alias checkbox.
- b. Choose an existing URL alias or create a new one.
- c. Click Show Job Parameters under the Message textbox.
- d. Click Current Sheet Link.

The <<app_url>> appears in the message.

10. For Attach options, decide whether you want to embed the image in the email and select what format to use:

- Embedded Image (default)
- PNG
- PDF
- XLSX
- CSV

11. On the Set Threshold tab, perform the following actions to create a threshold definition and a new table visual that specifies the trigger values.

Alternatively, instead of defining a new threshold, you can use an existing table visual to specify threshold values, and add the ID of that visual to the Visual ID field.

Email Visual

☐ Email now
 ☐ Schedule Email
 ☒ Email based on threshold

Email Detail

Set Threshold

The threshold will be based on the value in a table visual [CREATE THRESHOLD](#)

Job Name*

Visual ID*

 [SEE VISUAL](#)

ID of a table visual: first measure will be assessed

Trigger

☒ Threshold met
 ☐ Value changed since last assessment

Value

≥

0

+

AND

[+ ADD CONDITION](#)

Assess Trigger

Hourly

▼

Every

hour

 at

15

 minute(s) past the hour UTC
 Local Time: 25 Apr 2023 11:46 Central (UTC+0200)
 UTC Time: 25 Apr 2023 09:46 UTC

Send Email Limit

Once a half hour

▼

[Go to Jobs page to view status](#)

CANCEL

SAVE

- a. Under Job Name, enter the name of the new trigger.
- b. Click Create Threshold.

This creates a new table visual based on all the fields of the dataset, and the visual opens in a new tab of your browser. Note that the ID for the new visual appears in the URL address, and has the following format: `https://ip_address/arc/apps/builder/trigger_id`

12. Make changes to the visual so that the field that contains the triggering measurements is the first field on the Measures shelf, and sort/filter results to ensure that the triggering measurement is in the first row.
13. Save the new table visual.

Back on the Email Visual/Email Dashboard modal, in the Set Threshold tab, you can see that the Visual ID field holds the ID of the new trigger table visual. In this example, it is 2148.

14. Under Trigger, select one of the options:

- Threshold met: triggers an email when the first measure of the first row in the trigger visual satisfies the conditional expression
- Value changed since last assessment: triggers an email when the change in the first measure of the first row after the last assessment satisfies the conditional expression

15. For the triggering Value, adjust the logical operand (one of <, >, #, #, or =) and the number.

In this example the expression # 1000 is used.

You can add multiple trigger conditions by clicking the + ADD CONDITION button.



Note: If you set multiple conditions, all of them need to be true to trigger the job.

16. For Assess Trigger, select an existing schedule interval:

- Hourly (default)
- Daily
- Every Weekday
- Weekly
- Monthly
- Quarterly
- or any existing custom schedule

You can also select Create New Schedule. This option is available to Admin users only.

17. The Send Email Limit gives you the option of sending only the first email in circumstances when a triggering event occurs multiple times within the specified time interval.

In this example, Once a day has been selected. This means that if the trigger satisfies the conditional expression, it may not be sent if an earlier one was sent in the preceding 24 hours.

The options are:

- When trigger occurs (which does not suppress any emails)
- Once a half hour (default)
- Once an hour
- Once a day
- Once a week
- Every 2 weeks
- Once a month

18. Click SAVE.

The system notifies you that the trigger has been created successfully.

Related Information

[Creating new email templates](#)

Rerunning jobs

Cloudera Data Visualization allows you to rerun previously defined jobs.

Procedure

1. In the Jobs interface, select the jobs to rerun. To rerun all jobs, click the checkbox on the right side of the list header.

- Near the top of the page, click Run Now.

A brief Success message appears, which lists the schedules of these jobs. Note that the schedules are distinct from the jobs themselves, and have a different ID.

Note that the Jobs Log refreshes to show the new status of the selected jobs, either as Running or Pending.

Pending jobs do not show Start Time or Total Run Time.

- Alternatively, you can re-run jobs by clicking the RUN NOW button that corresponds to the job in the jobs list.

Deleting jobs

Cloudera Data Visualization allows you to delete existing jobs that you do not need any more.

Procedure

- In the Jobs interface, select the jobs to delete. To delete all jobs, click the checkbox on the right side of the list header.
- Near the top of the page, click DELETE SELECTED.

- Click DELETE in the confirmation modal.

The modal lists the IDs and names of the logs you selected for deletion.

Pausing jobs

Cloudera Data Visualization allows you to suspend scheduled jobs.

Procedure

In the Scheduled Jobs interface, choose the job, and click the corresponding PAUSE button.

To pause more than one job, click the corresponding checkboxes, and then click PAUSE at the top of the interface. If you want to pause all jobs, click the checkbox on the right side of the list header first.

The screenshot shows the Cloudera Data Visualization interface. At the top, there's a navigation bar with 'HOME', 'SQL', 'VISUALS', and 'DATA'. Below it, the 'Jobs' section is active, with a 'REFRESH' button. The 'Scheduled Jobs' tab is selected. The interface displays a table of jobs. The first job (ID 7) is a 'Data Extract' job named 'Data Extract: 4'. Its status is 'Paused'. The 'Last Status' column shows a green checkmark. The 'PAUSE' button is highlighted in orange. The 'Details' column shows the source dataset as 'doc-test-dataset2' and the target table as 'main.cdv.world_misc_data'.

A notification that the job is paused appears briefly.

Note that the Status of the job changes to paused and the PAUSE button is replaced with RESUME.

This screenshot is similar to the previous one, but the job's status is now 'Paused (would have run at 2023-01-27 15:15)'. The 'Last Status' column shows a red square icon. The 'RESUME' button is highlighted in orange. The 'Details' column shows the same source dataset and target table information.

Resuming paused jobs

Cloudera Data Visualization allows you to resume suspended scheduled jobs.

Procedure

In the Scheduled Jobs interface, choose the job, and click the corresponding RESUME button.

To resume more than one job, click the corresponding checkboxes, and then click RESUME at the top of the interface. If you want to resume all jobs, click the checkbox on the right side of the list header first.

This screenshot is identical to the previous one, showing the job in a 'Paused' state with the 'RESUME' button highlighted in orange. The 'Details' column shows the same source dataset and target table information.

A notification that the job or jobs are resumed appears briefly.

Note that the Status of the job changes to active and the RESUME button is replaced with PAUSE.

Jobs REFRESH

Job Logs (last few) **Scheduled Jobs** Manage Schedule Intervals DELETE SELECTED RUN NOW RESUME

Type: **All** Scheduled Email Threshold Email Data Extract

Status: **All** Error Finished Running Cancelled Paused Creator: All

Job ID	Type	Name	Details	Created By	Schedule	Last Run	Next Run	Last Status	
7	Data Extract	Data Extract: 4	Source Dataset: doc-test-dataset2 Target Data Connection: doc-test Target Table: main.cdv.world_misc.data Custom refresh schedule schedule	vizapps_admin	Custom refresh schedule	2023-01-27 14:30	2023-01-27 15:15		DETAILS EDIT RUN NOW PAUSE

Showing 1 to 1 of 1 entries

Previous **1** Next

Changing the owner of a job

Cloudera Data Visualization allows existing job owners and system administrators to change the owner of an existing job. This can be helpful when jobs from deleted users have unassigned owners, and are not be able to run until the owner is changed.

Procedure

1. In the Job Logs or the Scheduled Jobs interface, click the pencil icon next to the owner's name.

Jobs REFRESH

Job Logs (last few) **Scheduled Jobs** Manage Schedule Intervals DELETE SELECTED RUN NOW

Type: All Status: All Owner: All

Status	Job ID	Log ID	Type	Name	Details	Owner	Start Time	Total Run Time	
Pending	239	11785	Schedule	US State population mailed every 10 minutes	@cloudera.com every_10_minutes schedule	This job has no owner. Add owner at Schedule Jobs page.	--	--	DETAILS RUN NOW CANCEL
Finished	236	11781	Schedule	2131th v5	Hourly schedule	vizapps_admin	2023-07-27 07:18	a few seconds	DETAILS RUN NOW CANCEL
Finished	222	11779	Schedule	VIZ1958 2	Hourly schedule	vizapps_admin	2023-07-27 07:17	a few seconds	DETAILS RUN NOW CANCEL

The Change Job Owner modal window appears.

2. Select a name for the New job owner from the list of available users.

You can also mark the checkbox below to apply the change to all jobs owned by the current owner.

Change Job Owner

Current owner

test

New job owner

tora

☐ Change owner for all jobs owned by test

CANCEL

SAVE

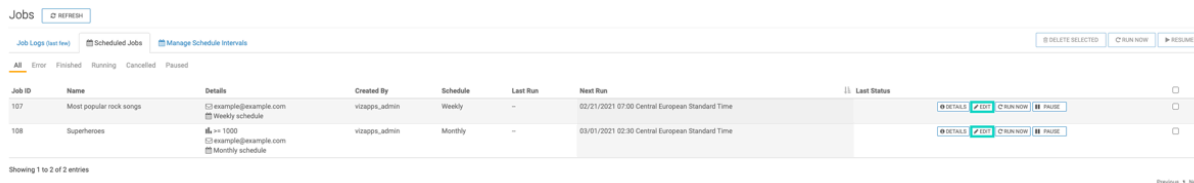
3. Click SAVE.

Editing details of scheduled jobs

Cloudera Data Visualization allows you to update existing scheduled jobs.

Procedure

1. In the Scheduled Jobs interface, select the job, and click the corresponding EDIT button.



Job ID	Name	Details	Created By	Schedule	Last Run	Next Run	Last Status
107	Most popular rock songs	example@example.com Weekly schedule	vizapps_admin	Weekly	-	02/21/2021 07:00 Central European Standard Time	DETAILS RUN NOW PAUSE
108	Superheroes	example@example.com Monthly schedule	vizapps_admin	Monthly	-	03/01/2021 02:30 Central European Standard Time	DETAILS RUN NOW PAUSE

The Edit Job modal window appears.



Note: The type of the job and type of attachment cannot be changed, and only certain fields can be edited.

If you select a data extract related job, the Edit Data Extract modal window appears. For more information on changing data extract details, see *Editing a Data Extract*.

2. Make the required changes.

The following fields can be edited:

Schedule Email

- Job Name
- Repeat
- To
- CC
- Subject
- Email Template
- Error Notification Emails
- Message
- Page Parameters

Email

☐ Email now ☒ Schedule Email ☐ Email based on threshold

Email Detail

Job Name* Test job

Repeat Quarterly

Every year on 1 of January, April, July, October at 1:00 UTC

Local Time: 24 Jan 2022 13:37 Central (UTC+0700)

UTC Time: 24 Jan 2022 12:37 UTC

To*

CC

Error Notification Emails

Reply To @cloudera.com

From vizapps_admin <@cloudera.com>

Subject* [Cloudera Data Visualization]

Email Template Default Email Template

Preview Email Template

Message

Show Job Parameters

Attach ☒ Embedded Image ☐ PNG ☐ PDF ☐ XLSX ☐ CSV

Page Parameters ☒ Include page parameters ☐ Do not include page parameters

Hide Page Parameters

embed=true&sheet=1

Go to Jobs page to view status

CANCEL SAVE

Emails based on threshold

All of the above on the Email Detail tab and all fields on the Set Threshold tab.

Email

☐ Email now
 ☐ Schedule Email
 ☒ Email based on threshold

[Email Detail](#)
[Set Threshold](#)

The threshold will be based on the value in a table visual [CREATE THRESHOLD](#)

Job Name*

Visual ID*
ID of a table visual: first measure will be assessed

Trigger
 ☒ Threshold met
 ☐ Value changed since last assessment

Value

Assess Trigger

Every on at
 : UTC
 Local Time: 19 Feb 2021 15:20 Central (UTC+0100)
 UTC Time: 19 Feb 2021 14:20 UTC

Send Email Limit

[Go to Jobs page to view status](#)
[CANCEL](#)
[SAVE](#)

- When you are ready with the updates, click SAVE.

Deleting scheduled jobs

Cloudera Data Visualization allows you to delete existing scheduled jobs that you do not need any more.

Procedure

- In the Scheduled Jobs interface, select the job you want to delete. To delete all jobs, click the checkbox on the right side of the list header.
- Near the top of the page, click DELETE SELECTED.

CLOUDERA Data Visualization HOME SQL VISUALS DATA

Jobs [REFRESH](#)

[Job Logs \(last few\)](#)
[Scheduled Jobs](#)
[Manage Schedule Intervals](#)
[DELETE SELECTED](#)
[RUN NOW](#)
[RESUME](#)

Type: [All](#) [Scheduled Email](#) [Threshold Email](#) [Data Extract](#)

Status: [All](#) [Error](#) [Finished](#) [Running](#) [Cancelled](#) [Paused](#) Creator:

Job ID	Type	Name	Details	Created By	Schedule	Last Run	Next Run	Last Status	
7	Data Extract	Data Extract: 4	Source Dataset: doc-test-dataset2 Target Data Connection: doc-test Target Table: main.cdv.world_misc_data Custom refresh schedule schedule	vizapps_admin	Custom refresh schedule	2023-01-27 14:30	2023-01-27 15:15	✓	DETAILS EDIT RUN NOW PAUSE

Showing 1 to 1 of 1 entries

Previous [1](#) Next

- Click DELETE in the confirmation modal.

The modal lists the IDs and names of the jobs you selected for deletion.

Managing schedule intervals

Cloudera Data Visualization provides a Manage Schedule Intervals interface that lists all custom time intervals and allows for various actions to work with your schedule intervals.

About this task



Note:

This feature is only available to users with administrative privileges.

The screenshot displays the 'Manage Schedule Intervals' page in Cloudera Data Visualization. It features a table with the following data:

Interval ID	Name	Interval	Dependent Jobs	Next Run Time
1	Hourly	Every hour at 15 minute(s) past the hour		2021-07-06 13:15
7	Test Interval	Every day at 14:15		2021-07-06 14:15
3	Every Weekday	Every week on Monday-Friday at 2:00		2021-07-07 02:00
2	Daily	Every day at 3:00		2021-07-07 03:00
4	Weekly	Every week on Sunday at 6:00		2021-07-11 06:00
5	Monthly	Every month on 1 at 1:30		2021-08-01 01:30
6	Quarterly	Every year on 1 of January, April, July, October at 1:00	Test job, Test job 2	2021-10-01 01:00

At the bottom, it indicates 'Showing 1 to 7 of 7 entries' and includes 'Previous' and 'Next' navigation links.

- The REFRESH button allows you to update the log information.
- Clicking DELETE SELECTED performs a delete on all selected intervals. For more information, see [Deleting schedule intervals](#) on page 28.
- CREATE NEW SCHEDULE enables you to specify a custom schedule. For more information, see [Creating new schedules](#) on page 23.
- Interval ID
- Name of the schedule interval
- Interval describes the interval parameters, such as Every hour at 15 minutes past the hour, or Every month on 1 at 1:30.
- Dependent Jobs that lists the scheduled jobs, if any, that use the schedule.
- Next Run Time gives you the expected time for the next time the schedule is deployed, in local time format.
- The Pencil icon enables you to change the properties of existing schedules. For more information, see [Changing schedule intervals](#) on page 27.
- The checkbox on the header row and on each interval entry entry selects the jobs for bulk deletion. For more information, see [Deleting schedule intervals](#) on page 28.

Creating new schedules

Cloudera Data Visualization allows you to create custom schedules for your scheduled jobs.

About this task



Note:

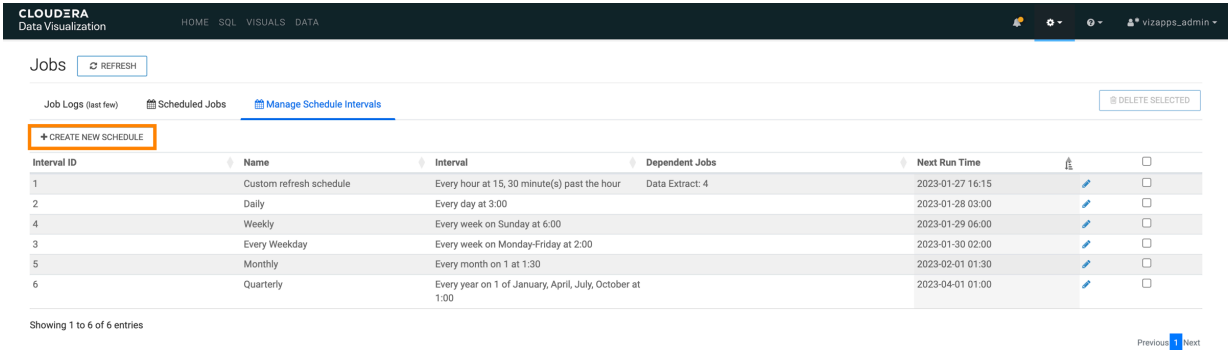
This feature is only available to users with administrative privileges.

To create a new schedule that can be used by one or more scheduled jobs, follow the below steps.

Incidentally, you can also create a custom schedule interval when creating new scheduled emails. These intervals appear in the Manage Schedule Intervals interface, and may be re-used for other jobs too.

Procedure

- 1. In the Manage Schedule Intervals interface, click CREATE NEW SCHEDULE.



A Create New Schedule Interval modal appears.

Create New Schedule Interval

Interval Name*

Every

year

 on

1

 of

every month

 at

0 : 00

 UTC

x

Local Time: 28 Apr 2017 09:39 PDT (UTC-0700)

UTC Time: 28 Apr 2017 16:39 UTC

CANCEL

CREATE

2. Specify the parameters of the schedule:

- In Interval Name field, enter the name for the new schedule interval. In this example, My Custom Interval has been used.
- When choosing the date/time of the run, remember that time format is in UTC. For reference, the local time format designation is shown. In this example, local time is in PDT format, equivalent to UTC-0700.
- In the first selectable field, choose the largest time component. By default, this is year.

Every **month** on **1** at **0** : **00** **UTC** **x**

Local Time: 2017 09:39 PDT (UTC-0700)

UTC Time: 2017 16:39 UTC

hour
day
week
month
year

- The second selectable field is for the day of the month. You can choose multiple days by clicking on them, or deselect by clicking a second time.

Every **month** on **1, 10, 20, 30** at **0** : **00** **UTC** **x**

Local Time: 28 Apr 2017

UTC Time: 28 Apr 2017

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	

- In the third field, set the hour and the minute components of the schedule. As with previous fields, multiple selections are possible.

Every month on 1, 10, 20, 30 at 4, 16 : 00 UTC ✕

0 1 2 3
 4 5 6 7
 8 9 10 11
 12 13 14 15
 16 17 18 19
 20 21 22 23

 17 10:07 PDT (UTC-0700)
 17 17:07 UTC

Every month on 1, 10, 20, 30 at 4, 16 : 00, 20, 40 UTC ✕

Local Time: 00 01 02 03 04
 UTC Time: 05 06 07 08 09
 10 11 12 13 14
 15 16 17 18 19
 20 21 22 23 24
 25 26 27 28 29
 30 31 32 33 34
 35 36 37 38 39
 40 41 42 43 44
 45 46 47 48 49
 50 51 52 53 54
 55 56 57 58 59

 (UTC-0700)



Note: The number of selectors depends on the granularity of the time interval specified by the first choice.

- Click CREATE to save the new schedule.

Create New Schedule Interval ✕

Interval
Name*

My Custom Interval

Every month on 1, 10, 20, 30 at 4, 16 : 00, 20, 40 UTC ✕

Local Time: 28 Apr 2017 11:21 PDT (UTC-0700)

UTC Time: 28 Apr 2017 18:21 UTC

CANCEL

CREATE

Results

A brief success message appears on your screen, and the new interval appears in the Manage Schedule Intervals interface.

Changing schedule intervals

Cloudera Data Visualization allows you to change custom the schedule intervals that you defined for your scheduled jobs.

About this task



Note:

This feature is only available to users with administrative privileges.

To edit an existing schedule, follow these steps:

Procedure

1. In the Manage Schedule Intervals interface, click the Pencil icon that corresponds to the schedule interval you are changing.

Interval ID	Name	Interval	Dependent Jobs	Next Run Time		
1	Custom refresh schedule	Every hour at 15, 30 minute(s) past the hour	Data Extract: 4	2023-01-27 16:15		<input type="checkbox"/>
2	Daily	Every day at 3:00		2023-01-28 03:00		<input type="checkbox"/>
4	Weekly	Every week on Sunday at 6:00		2023-01-29 06:00		<input type="checkbox"/>
3	Every Weekday	Every week on Monday-Friday at 2:00		2023-01-30 02:00		<input type="checkbox"/>
5	Monthly	Every month on 1 at 1:30		2023-02-01 01:30		<input type="checkbox"/>
6	Quarterly	Every year on 1 of January, April, July, October at 1:00		2023-04-01 01:00		<input type="checkbox"/>

The Edit Schedule Interval modal appears.

2. Adjust the time selection according to your needs.

In this example, the time selection is adjusted to compensate for the difference of 7 hours between UTC and local time (PDT). Because local time is 7 hour behind UTC, you must add 7 in this interface to achieve the intended notification time of 04:00 and 16:00 local time (PDT). So, change the hour parameter from 4 and 16 to 11 and 23.

Every month on 1, 10, 20, 30 at 4, 16 : 00, 20, 40 UTC

0 1 2 3 17 13:47 PDT (UTC-0700)
 4 5 6 7 18 20:47 UTC
 8 9 10 11
 12 13 14 15
 16 17 18 19
 20 21 22 23

Every month on 1, 10, 20, 30 at 11, 23 : 00, 20, 40 UTC

0 1 2 3 17 13:47 PDT (UTC-0700)
 4 5 6 7 18 20:47 UTC
 8 9 10 11
 12 13 14 15
 16 17 18 19
 20 21 22 23

3. Click SAVE.

Results

The updated interval appears in the Manage Schedule Intervals interface.

Deleting schedule intervals

Cloudera Data Visualization allows you to delete existing schedule intervals that you do not need any more.

About this task



Note:

This feature is only available to users with administrative privileges.

To delete one or more schedule intervals, follow these steps:

Procedure

1. In the Manage Schedule Intervals interface, select the intervals to delete. To delete all intervals, click the checkbox on the right side of the list header.
2. Near the top of the page, click DELETE SELECTED.

The screenshot shows the 'Manage Schedule Intervals' interface in Cloudera Data Visualization. The table lists the following intervals:

Interval ID	Name	Interval	Dependent Jobs	Next Run Time		
1	Custom refresh schedule	Every hour at 15, 30 minute(s) past the hour	Data Extract: 4	2023-01-27 16:15		<input checked="" type="checkbox"/>
2	Daily	Every day at 3:00		2023-01-28 03:00		<input type="checkbox"/>
4	Weekly	Every week on Sunday at 6:00		2023-01-29 06:00		<input type="checkbox"/>
3	Every Weekday	Every week on Monday-Friday at 2:00		2023-01-30 02:00		<input type="checkbox"/>
5	Monthly	Every month on 1 at 1:30		2023-02-01 01:30		<input type="checkbox"/>
6	Quarterly	Every year on 1 of January, April, July, October at 1:00		2023-04-01 01:00		<input type="checkbox"/>

Showing 1 to 6 of 6 entries

Previous 1 Next

3. Click DELETE in the confirmation modal.

The modal lists the IDs and names of the intervals you selected for deletion.