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## Managing Jobs

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# CLOUDBERA

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## Managing jobs

CDP Data Visualization enables you to manage jobs, schedule jobs, and manage schedules.

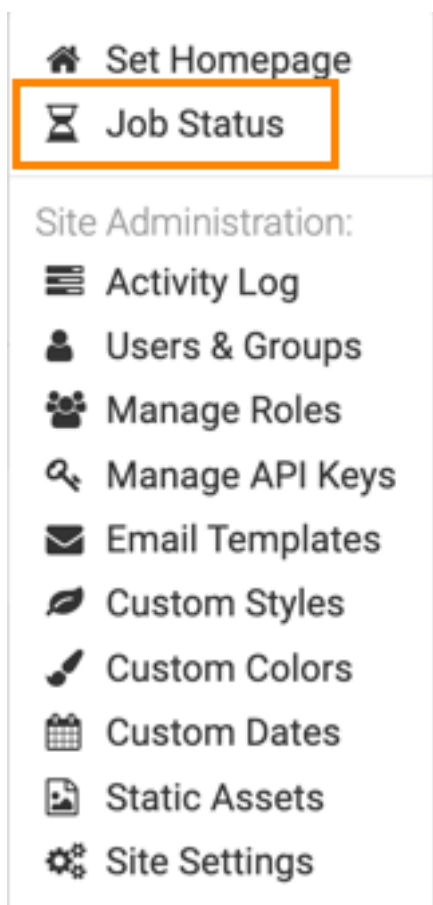
### About this task



**Note:** Non admin users can only edit jobs created by them.

### Procedure

To get to the Jobs interface, click the Gear icon to open the Administration menu, and select Job Status.



### Results

The Jobs interface appears. It has three main tabs:

- *Job log*
- *Scheduled jobs*
- *Manage schedule intervals*

### Related Information

[Job log](#)

[Scheduled jobs](#)

[Manage schedule intervals](#)

## Creating new email jobs

CDP Data Visualization supports three type of email jobs:

### Related Information

[Immediate email](#)

[Schedule-based email](#)

[Threshold-based email](#)

## Immediate email

### About this task

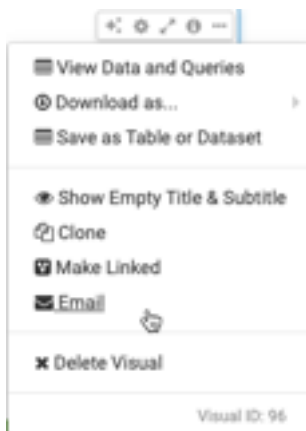
enables you to share existing visuals with other users on an ad-hoc basis.

Follow these steps to email a visual, a sheet, or a dashboard of your choice. This can be accomplished either from Edit mode, or from View mode.

### Procedure

1. See the initial steps described in *Creating email templates*.
2. Open the visual you want to include in the email.
3. On the upper right corner click the ellipsis.

The email modal appears.



4. In the Email Visual/Email Current Sheet/Email Dashboard modal, select the option Email now.
5. In the To text box, enter the email addresses of the primary recipients of the message.
6. In the CC text box, enter the valid emails of other recipients.

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:** By default, the subject is the prefix specified when enabling email, plus the title of the visual. In our case, the subject is [ArcadiaData] Report snapshot Flight Connections Flow.

7. Under Email Template, leave Default Email Template.

8. To see how the template looks, click Preview Email Template.



**Note:**

Users with administrative privileges can create and manage email templates; see *Creating email templates*.

9. Enter the text of the email in the Message field.

10. For Attach options, choose one of these:

- Embedded Image (default)
- PNG
- CSV

11. For visuals that have parametrized fields on their shelves, in the Page Parameters you can chose one of these:

- Include page parameters (default)
- Do not include page parameters, which includes default picklist parameters.

Email Current Sheet

Email now  
  Schedule Email  
  Email based on threshold

Email Detail

To\*

CC

Error Notification Emails

Reply To

From vizapps\_admin <:@cloudera.com>

Subject\*

Email Template    
[Preview Email Template](#)

Message

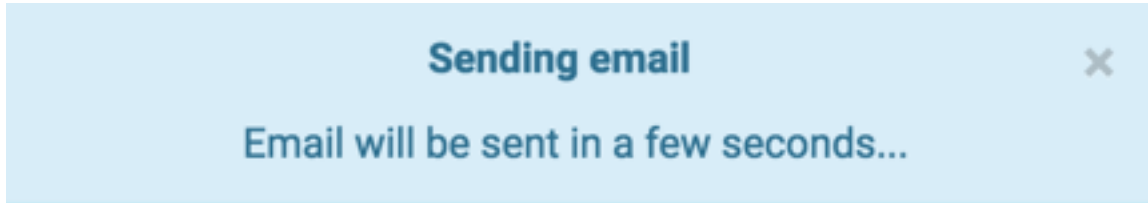
[Show Job Parameters](#)

Attach  Embedded Image  
  PNG  
  PDF  
  XLSX  
  CSV

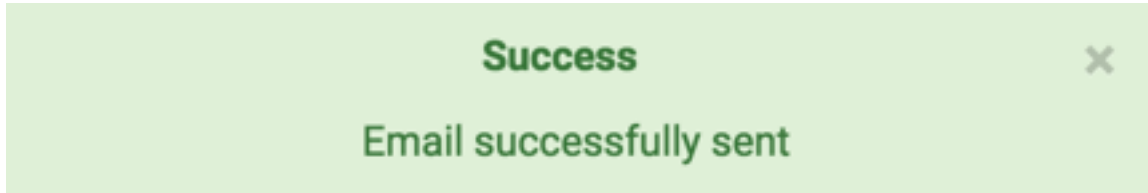
[Go to Jobs page to view status](#)
CANCEL
SEND

12. Click Send.

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



After the operation succeeds, reports it.



### Results

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. See *Managing jobs*.

### Related Information

[Creating new email templates](#)

[Managing jobs](#)

[Rich text](#)

## Schedule-based email

### About this task

You can use the Email interface to schedule regular emails of visuals, sheets, and dashboards.

Before you schedule an email, make sure you check the Enable scheduled jobs option under Jobs. See *Site settings*.

Requires Visualization Server restart for changes to take effect.

Enable scheduled jobs 

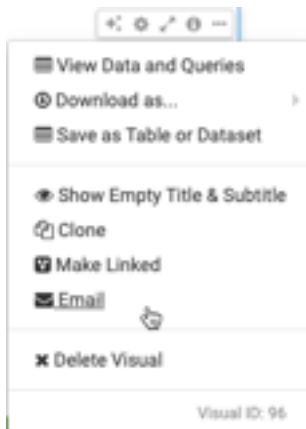
Follow these steps to schedule emails of visual, sheet, or dashboard. This can be accomplished either in Edit mode, or in View mode.

### Procedure

1. See the initial steps described in *Creating email templates*.
2. Open the visual you want to include in the email.

3. On the upper right corner click the ellipsis.

The email modal appears.



4. In the Email Visual/Email Current Sheet/Dashboard Visual modal, select the option Schedule Email.
5. In the Email Detail tab, in the Job Name text box, enter the name of the scheduled job.

We are using Flight Connection Updates.

6. 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 Create New Schedule. This is available to Admin users only.

7. In the To text box, enter the valid email addresses of the primary recipients of the message.
8. In the CC text box, enter the valid emails of other recipients.

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 that by default, the subject is the prefix specified when enabling email site-wide,, plus the title of the visual. In our case, the subject is [ArcadiaData] Report snapshot Flight Connections Flow. .

9. Under Email Template, leave Default Email Template.
10. To see how the template looks, click Preview Email Template.
 

Note that users with administrative privileges can create and manage email templates.
11. Enter the text of the email..
12. For Attach options, choose one of these:
  - Embedded image (default)
  - PNG
  - CSV



**13.** For visuals that have parametrized fields on their shelves, in the Page Parameters you can chose one of these:

- Include page parameters (default)
- Do not include page parameters, which includes default picklist parameters.

## Email Current Sheet

Email now
   Schedule Email
  Email based on threshold

Email Detail

Job Name\*

Restaurant Inspection Dates

Repeat

Weekly

Every **week** on **Sunday** at  
**6 : 00** UTC

Local Time: 10 Aug 2021 13:58 Central (UTC+0200)

UTC Time: 10 Aug 2021 11:58 UTC

To\*

CC

Error Notification Emails ⓘ

Reply To ⓘ

From

vizapps\_admin < >

Subject\*

[Cloudera Data Visualization]Inspector View

Email Template

Default Email Template

[Preview Email Template](#)

Message

[Hide Job Parameters](#)

Click on following links to add parameter to message:

<a href="#">Current Username</a>	<a href="#">Next Run Time</a>
<a href="#">Current Sheet ID</a>	<a href="#">Interval Name</a>
<a href="#">Current Sheet Name</a>	<a href="#">Interval Cron</a>
<a href="#">Current Sheet Link</a>	
<a href="#">Relative Link</a>	

**14. Click Save.**

The system notifies the user that the schedule was created successfully.

**Related Information**

[Site settings](#)

[Creating new email templates](#)

## Threshold-based email

**About this task**

enables you to set up email notifications when a specified triggering condition occurs.

Follow these steps to define triggering conditions and triggered emails for a visual, a sheet, or a dashboard. This can be accomplished either from Edit mode, or from View mode.

**Procedure**

1. See the initial steps described in *Creating email templates*.
2. Open the visual you want to include in the email.
3. On the upper right corner click the ellipsis.

The email modal appears.



4. In the Email Visual/Email Current Sheet/Email Dashboard modal, select the option Email based on threshold.
5. In the To text box, enter the valid email addresses of the primary recipients of the message.
6. In the CC text box, enter the valid emails of other recipients.

The value of the From field is configured on the Site Settings interface; see *Enabling and customizing email settings*.



**Note:** By default, the subject is the prefix specified when enabling email site-wide, as described in *Enabling and customizing email settings*, and the title of the visual or dashboard.

We used the following text in the subject:

```
[ArcadiaData] <<trigger_name>>: Flight Connections Flow Reports
```

7. In the Subject text box, you can change the title of the email.
8. Under Email Template, leave Default Email Template.

9. To see how the template looks, click Preview Email Template.



**Note:**

Users with administrative privileges can create and manage email templates.

10. Enter the text of the email in the Message field. Additionally, you can embed job parameters in the message body.

We used the following text in the message body:

```
Trigger <<trigger_id>>: <<trigger_name>> surpassed
    <<trigger_threshold>> on <<triggered_time>>.
    The new value is <<trigger_data_value>>.
```

11. For Attach options, choose one of the following:

- Embedded Image (default)
- PNG
- CSV

12. For visuals that have parameterized fields on their shelves, in the Page Parameters you can chose one of these:

- Include page parameters (default)
- Do not include page parameters, which includes default picklist parameters.

**Email Current Sheet**

Email now  
  Schedule Email  
  Email based on threshold

Email Detail   [Set Threshold](#)

To\*

CC

Error Notification Emails

Reply To

From vizapps\_admin <tgombos@cloudera.com>

Subject\*

Email Template    
[Preview Email Template](#)

Message

[Show Job Parameters](#)

Attach  Embedded Image  
  PNG  
  PDF  
  XLSX  
  CSV

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

13. In 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, use an existing table visual to specify threshold values, and add the ID of the that visual to the Visual ID field.

14. Under Job Name, enter the name of the new trigger. We are using Threshold on Georgia Flights.

15. Click Create Threshold.

Email Current Sheet

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

AND

[+ ADD CONDITION](#)

Assess Trigger

Every  at  minute(s) past the hour UTC  
Local Time: 15 Nov 2021 12:57 Central (UTC+0100)  
 UTC Time: 15 Nov 2021 11:57 UTC

Send Email Limit

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

This creates a new table visual based on all the fields of the dataset. The table visual is called Trigger: Threshold on Georgia Flights.

opens this visual in a new tab of your browser. Note that the ID for the new visual appears in the URL address (in our case, it is 2148), and has the following form:

```
https://ip_address/arc/apps/builder/trigger_id
```

- 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. Save the new table visual.

The screenshot shows the Tableau interface for a table visual titled "Trigger: Threshold on Georgia Flights". The main area displays a table with two columns: "Fl Date" and "Record Count". The data is sorted by "Record Count" in descending order. The sidebar on the right shows the "VISUALS" and "DATA" panels. In the "VISUALS" panel, the "Dimensions" shelf contains "Fl Date" and the "Measures" shelf contains "# Record Count". The "DATA" panel shows the data source as "DOT Flights" and lists various dimensions and measures available for the visual.

Fl Date	Record Count
2017-04-28	823
2017-04-27	1,105
2017-04-26	1,103
2017-04-25	1,095
2017-04-24	1,092
2017-04-23	1,106
2017-04-22	1,029
2017-04-21	824
2017-04-20	1,105
2017-04-19	1,103
2017-04-18	1,092
2017-04-17	1,093
2017-04-16	1,104
2017-04-15	896
2017-04-14	755
2017-04-13	1,112
2017-04-12	1,070

Back on the Email Visual/Email Dashboard modal, in the Set Threshold tab, notice that the Visual ID field holds the ID of the new trigger table visual. In our case, it is 2148.

- 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

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

We used the expression # 1000.

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

Email Current Sheet

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

AND

[+ ADD CONDITION](#)

Assess Trigger

Every  at  minute(s) past the hour UTC  
Local Time: 15 Nov 2021 12:57 Central (JTC+0100)  
UTC Time: 15 Nov 2021 11:57 UTC

Send Email Limit

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



**Note:** If there are multiple conditions then all of them need to be true to trigger the job.

**19.** For Assess Trigger, select an existing schedule interval:

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

Users with administrative privileges can also Create New Schedule.

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, we selected Once a day. 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



## 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\*

Threshold on Georgia Flights

Visual ID\*

2148

ID of a table visual: first measure will be assessed

Trigger

Threshold met    Value changed since last assessment

Value

≥

1000

Assess  
Trigger

Hourly

Every  at  minute(s) past the hour UTC

Local Time: 19 Apr 2017 08:29 PDT (UTC-0700)

UTC Time: 19 Apr 2017 15:29 UTC

Send Email  
Limit

Once an hour

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

CANCEL

SAVE 

20. Click Save.

The system notifies the user that the trigger was created successfully.

## Rerunning jobs

## About this task

To rerun previously defined jobs, follow these steps:

## 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.
2. Near the top of the page, click Run Now.

The screenshot shows the Arcadia Data Jobs interface. At the top, there is a navigation bar with 'ARCADIA DATA', 'HOME', 'VISUALS', 'DATA', a settings gear, 'HELP', and a user profile 'admin'. Below the navigation bar, the 'Jobs' section has a 'REFRESH' button. A message states: 'Scheduled jobs are not running. To run, enable scheduled jobs in site settings and restart ArcViz'. Below this message are three buttons: 'Job Log (100 latest)', 'Scheduled Jobs', and 'Manage Schedule Intervals'. On the right side, there are two buttons: 'DELETE SELECTED' and 'RUN NOW', with the 'RUN NOW' button highlighted by a green box and a mouse cursor.

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.

The screenshot shows the Arcadia Data Jobs interface after a refresh. The navigation bar is the same. The 'Jobs' section has a 'REFRESH' button. The message 'Scheduled jobs are not running. To run, enable scheduled jobs in site settings and restart ArcViz' is still present. Below the message are the same three buttons: 'Job Log (100 latest)', 'Scheduled Jobs', and 'Manage Schedule Intervals'. On the right side, there are two buttons: 'DELETE SELECTED' and 'RUN NOW'. Below these buttons is a filter bar with 'All', 'Error', 'Finished', 'Running', and 'Cancelled' tabs, with 'All' selected. Below the filter bar is a table of jobs.

Status	Log ID	Name	Details	Initiated by	Start Time	Total Run Time	
Pending	21	Adhoc Email: [ArcadiaData]	roza@arcadiadata.com, susan@arcadiadata.com	admin	--	--	<input type="checkbox"/> DETAILS RUN NOW CANCEL
Running	22	Adhoc Email: [ArcadiaData] Report	roza@arcadiadata.com, susan@arcadiadata.com	admin	04/21/2017 11:07 PDT	a few seconds	<input checked="" type="checkbox"/> DETAILS RUN NOW CANCEL

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

ARCADIA DATA HOME VISUALS DATA ⚙️ HELP admin

Jobs REFRESH

Scheduled jobs are not running. To run, enable scheduled jobs in [site settings](#) and restart ArcViz

Job Log (100 latest) [Scheduled Jobs](#) [Manage Schedule Intervals](#) DELETED SELECTED RUN NOW

All Error **Finished** Running Cancelled

Status	Log ID	Name	Details	Initiated by	Start Time	Total Run Time	
Finished	5	Adhoc Refresh: default.av_1_ds_154	🔗 larry 📅 default.av_1_ds_154	shant	03/17/2017 12:20 PDT	a few seconds	<input type="checkbox"/> DETAILS RUN NOW CANCEL
Finished	18	Flight Connection Updates in Morning, Daily	✉️ roza@arcadiadata.com 📅 My_Interval schedule	admin	04/18/2017 11:39 PDT	a few seconds	<input type="checkbox"/> DETAILS RUN NOW CANCEL

## Deleting jobs

### About this task

To delete an existing job (or several), follow these steps:

### 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.

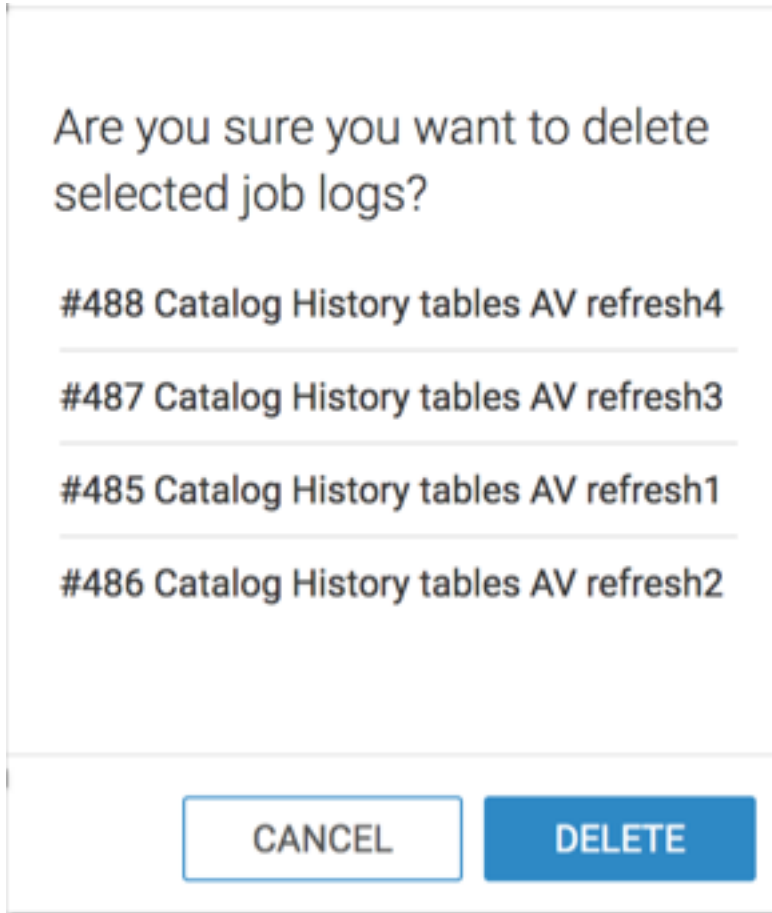
ARCADIA DATA HOME VISUALS DATA ⚙️ HELP admin

Jobs REFRESH

Scheduled jobs are not running. To run, enable scheduled jobs in [site settings](#) and restart ArcViz

Job Log (100 latest) [Scheduled Jobs](#) [Manage Schedule Intervals](#) DELETED SELECTED RUN NOW

3. In the Delete Confirmation modal, which lists the IDs of the logs you selected in the previous steps, click Delete.



## Pausing jobs

### About this task

To pause a job, follow these steps:

### Procedure

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

The screenshot shows the 'Jobs' interface in Arcadia Data. At the top, there are navigation links for 'HOME', 'VISUALS', and 'DATA', along with a user profile 'admin'. Below the header, there are tabs for 'Job Log (100 latest)', 'Scheduled Jobs', and 'Manage Schedule Intervals'. A toolbar contains 'DELETE SELECTED', 'RUN NOW', and 'RESUME' buttons. A filter bar shows 'All' selected, with other options for 'Error', 'Finished', 'Running', 'Cancelled', and 'Paused'. The main table lists three jobs:

Schedule ID	Name	Details	Created By	Schedule	Last Run	Next Run	Last Status	
11	Flight Connection Updates in Morning, Daily	roza@arcadiadata.com My_Interval schedule	admin	My_Interval	04/25/2017 11:04 PDT	04/26/2017 23:15 PDT	✓	<input type="checkbox"/> DETAILS RUN NOW <b>PAUSE</b>
10	Flight Connection Updates	roza@arcadiadata.com, susan@arcadiadata.com Weekly schedule	admin	Weekly	04/25/2017 11:04 PDT	04/29/2017 23:00 PDT	✓	<input type="checkbox"/> DETAILS RUN NOW PAUSE
16	Threshold on Georgia Flights	Record Count >= 1000 roza@arcadiadata.com, susan@arcadiadata.com, sam@arcadiadata.com Hourly schedule	admin	Hourly	04/25/2017 13:19 PDT	04/26/2017 14:15 PDT	✓	<input type="checkbox"/> DETAILS RUN NOW PAUSE

A notification that the job is paused appears briefly.

Note that the Status of the job changes to "paused".

The screenshot shows the 'Jobs' interface after job 11 has been paused. The 'Last Status' column for job 11 now displays a 'PAUSED' icon and the text 'Paused (would have run at 04/26/2017 23:15 PDT)'. The 'PAUSE' button is now disabled, and a 'RESUME' button has appeared. The other jobs remain in their previous states.

Schedule ID	Name	Details	Created By	Schedule	Last Run	Next Run	Last Status	
11	Flight Connection Updates in Morning, Daily	roza@arcadiadata.com My_Interval schedule	admin	My_Interval	04/25/2017 11:04 PDT	Paused (would have run at 04/26/2017 23:15 PDT)	PAUSED	<input type="checkbox"/> DETAILS RUN NOW <b>RESUME</b>
10	Flight Connection Updates	roza@arcadiadata.com, susan@arcadiadata.com Weekly schedule	admin	Weekly	04/25/2017 11:04 PDT	04/29/2017 23:00 PDT	✓	<input type="checkbox"/> DETAILS RUN NOW PAUSE
16	Threshold on Georgia Flights	Record Count >= 1000 roza@arcadiadata.com, susan@arcadiadata.com, sam@arcadiadata.com Hourly schedule	admin	Hourly	04/25/2017 13:19 PDT	04/26/2017 14:15 PDT	✓	<input type="checkbox"/> DETAILS RUN NOW PAUSE

Showing 1 to 3 of 3 entries Previous 1 Next

## Resuming paused jobs

### About this task

To resume one or more previously paused job, follow these steps:

### Procedure

In the Jobs interface, select the job, and click the corresponding Resume button.

- To resume more than one job, click the corresponding checkboxes, and then click the Resume button at the top of the interface.
- To resume all jobs, first click the checkbox on the right side of the list header.

The screenshot shows the Arcadia Data Jobs interface. At the top, there's a navigation bar with 'ARCADIA DATA', 'HOME', 'VISUALS', 'DATA', 'HELP', and 'admin'. Below this, the 'Jobs' section has a 'REFRESH' button and three tabs: 'Job Log (100 latest)', 'Scheduled Jobs', and 'Manage Schedule Intervals'. There are also buttons for 'DELETE SELECTED', 'RUN NOW', and 'RESUME'. A filter bar shows 'All', 'Error', 'Finished', 'Running', 'Cancelled', and 'Paused'. The main table lists jobs with columns for Schedule ID, Name, Details, Created By, Schedule, Last Run, Next Run, and Last Status. Job 11 is highlighted, and its 'RESUME' button is circled in green. A green arrow points from this button to the 'RESUME' button in the top right of the interface.

Schedule ID	Name	Details	Created By	Schedule	Last Run	Next Run	Last Status
11	Flight Connection Updates in Morning, Daily	roza@arcadiadata.com My_Interval schedule	admin	My_Interval	04/25/2017 11:04 PDT	Paused (would have run at 04/26/2017 23:15 PDT)	⏸
10	Flight Connection Updates	roza@arcadiadata.com, susan@arcadiadata.com Weekly schedule	admin	Weekly	04/25/2017 11:04 PDT	04/29/2017 23:00 PDT	✅
16	Threshold on Georgia Flights	Record Count >= 1000 roza@arcadiadata.com, susan@arcadiadata.com, sam@arcadiadata.com Hourly schedule	admin	Hourly	04/26/2017 14:18 PDT	Paused (would have run at 04/26/2017 15:15 PDT)	⏸

### Results

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

Note that the Status of the jobs changes to "active".

This screenshot shows the same Arcadia Data Jobs interface as above, but after the jobs have been resumed. The 'Last Status' column for job 11 and job 16 now shows a green checkmark (✅), indicating they are active. The 'RESUME' button in the top right is no longer highlighted.

Schedule ID	Name	Details	Created By	Schedule	Last Run	Next Run	Last Status
11	Flight Connection Updates in Morning, Daily	roza@arcadiadata.com My_Interval schedule	admin	My_Interval	04/25/2017 11:04 PDT	04/26/2017 23:15 PDT	✅
10	Flight Connection Updates	roza@arcadiadata.com, susan@arcadiadata.com Weekly schedule	admin	Weekly	04/25/2017 11:04 PDT	04/29/2017 23:00 PDT	✅
16	Threshold on Georgia Flights	Record Count >= 1000 roza@arcadiadata.com, susan@arcadiadata.com, sam@arcadiadata.com Hourly schedule	admin	Hourly	04/26/2017 14:18 PDT	04/26/2017 15:15 PDT	✅

## Editing job details

## Procedure

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

The screenshot shows the 'Scheduled Jobs' interface. At the top, there are tabs for 'Job Logs (url view)', 'Scheduled Jobs', and 'Manage Schedule Intervals'. Below the tabs is a filter bar with 'All' selected and options for 'Error', 'Finished', 'Running', 'Cancelled', and 'Paused'. A table lists two jobs:

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 EDIT RUN NOW PAUSE
108	Superheroes	example@example.com Monthly schedule	vizapps_admin	Monthly	-	03/07/2021 02:30 Central European Standard Time	DETAILS EDIT RUN NOW PAUSE

At the bottom left, it says 'Showing 1 to 2 of 2 entries'. At the bottom right, there is a 'Previous 1 Next' link.

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.

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

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](#)

3. Click Save.

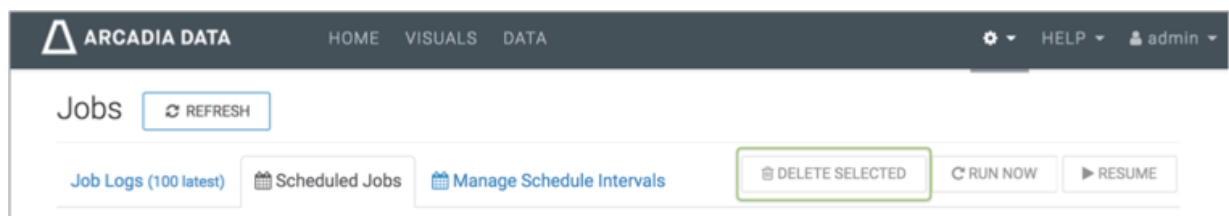
## Deleting scheduled jobs

### About this task

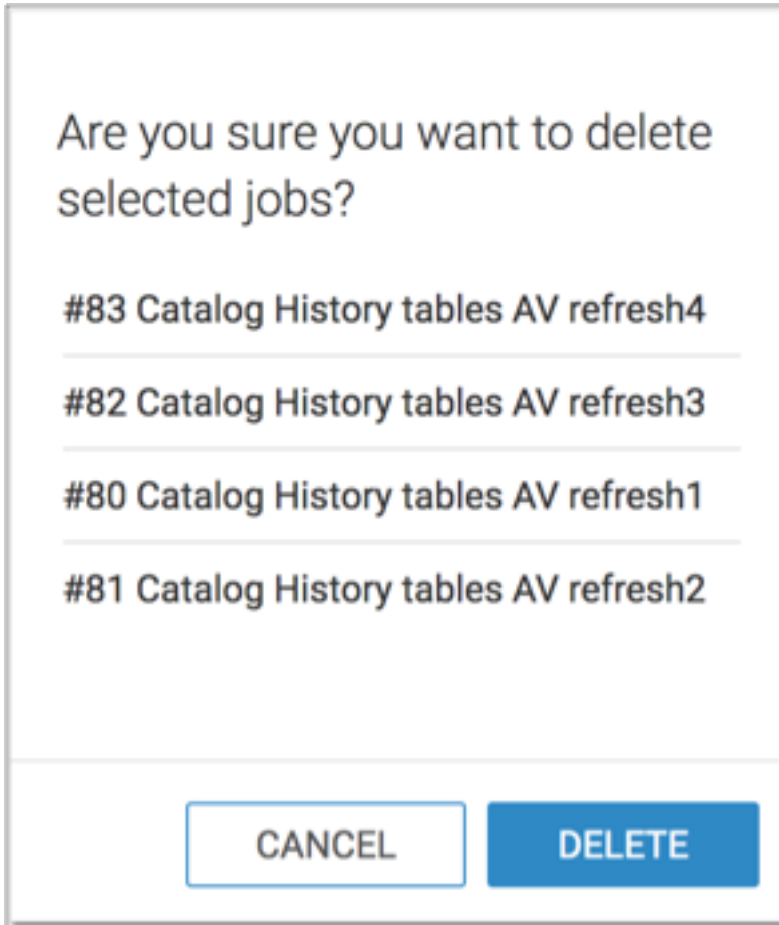
To delete a scheduled job, follow these steps:

### Procedure

1. In the Scheduled Jobs interface, select the jobs to delete. To delete all jobs, click the checkbox on the right side of the list header.
2. Near the top of the page, click Delete Selected.



- In the Delete Confirmation modal, which lists the IDs of the logs you selected in the previous steps, click Delete.



## Managing schedule intervals

### About this task

Here is a representative view of the Manage Schedule Intervals interface, its features, and the actions available from it.



**Note:**

This feature is available only to users with administrative privileges.

The screenshot shows the "Manage Schedule Intervals" interface in the Cloudera Data Visualization application. The interface includes a top navigation bar with "HOME", "VISUALS", and "DATA" tabs, a search bar, and a user profile dropdown. Below the navigation is a "Jobs" section with a "REFRESH" button. The main content area has three tabs: "Job Logs (last few)", "Scheduled Jobs", and "Manage Schedule Intervals". The "Manage Schedule Intervals" tab is active, displaying a table with columns for Interval ID, Name, Interval, Dependent Jobs, and Next Run Time. There are 7 entries in the table. At the bottom of the table, there are two columns of action icons: a blue pencil icon and a white square icon. A "DELETE SELECTED" button is located in the top right corner of the table area. The interface also shows a "CREATE NEW SCHEDULE" button and a "Showing 1 to 7 of 7 entries" message at the bottom left.

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		<input type="checkbox"/>
7	Test Interval	Every day at 14:15		2021-07-06 14:15		<input type="checkbox"/>
3	Every Weekday	Every week on Monday-Friday at 2:00		2021-07-07 02:00		<input type="checkbox"/>
2	Daily	Every day at 3:00		2021-07-07 03:00		<input type="checkbox"/>
4	Weekly	Every week on Sunday at 6:00		2021-07-11 06:00		<input type="checkbox"/>
5	Monthly	Every month on 1 at 1:30		2021-08-01 01:30		<input type="checkbox"/>
6	Quarterly	Every year on 1 of January, April, July, October at 1:00	Test job, Test job 2	2021-10-01 01:00		<input type="checkbox"/>

### Procedure

1. The Job Log tab provides information on all jobs.
2. The Scheduled Jobs tab maintains the list of email jobs that run on a schedule, or are triggered by measures on the dataset reaching a defined threshold.
3. The Manage Schedule Intervals tabs list all custom time intervals.
4. Click Refresh to update the log information.
5. Clicking Delete Selected performs a delete on all selected intervals. See [Deleting schedule intervals](#) on page 33.
6. Create New Schedule enables you to specify a custom schedule. See [Creating new schedules](#) on page 27.
7. The list of intervals in the Scheduled Jobs provides the following information for each listed interval:
  - Interval ID
  - Name
  - Interval, which 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 the expected time for the next time the schedule is deployed, in local time format.
8. The Pencil icon enables you to change the properties of existing schedules. See [Changing schedule intervals](#) on page 31.
9. The checkbox on the header row and on each job log entry selects the jobs for bulk deletion. See [Deleting schedule intervals](#) on page 33.

## Creating new schedules

### About this task

**Note:**

This feature is available only to users with administrative privileges.

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

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

**Procedure**

1. In the Manage Schedule Intervals interface, click Create New Schedule.

The screenshot shows the 'Manage Schedule Intervals' interface in Arcadia Data. At the top, there is a navigation bar with 'ARCADIA DATA', 'HOME', 'VISUALS', and 'DATA'. Below this, there are tabs for 'Job Log (100 latest)', 'Scheduled Jobs', and 'Manage Schedule Intervals'. A '+ CREATE NEW SCHEDULE' button is highlighted with a red box. Below the button is a table of schedule intervals.

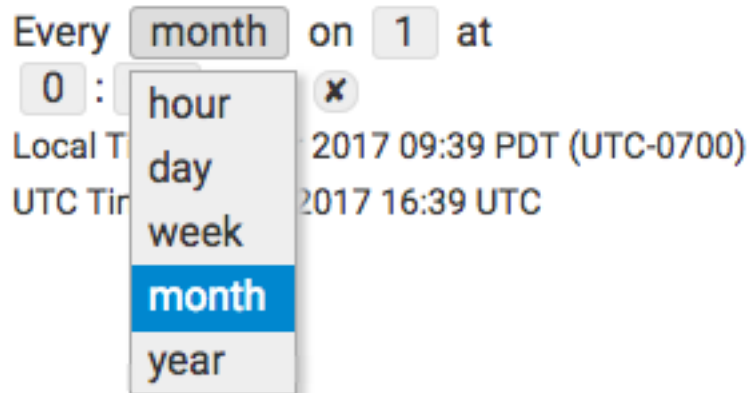
Interval ID	Name	Interval	Dependent Jobs	Next Run Time
1	Hourly	Every hour at 15 minute(s) past the hour	Threshold on Georgia Flights	04/26/2017 16:15 PDT
2	Daily	Every day at 3:00		04/26/2017 20:00 PDT
3	Every Weekday	Every week on Monday-Friday at 2:00		04/26/2017 19:00 PDT
4	Weekly	Every week on Sunday at 6:00	Flight Connection Updates	04/29/2017 23:00 PDT
5	Monthly	Every month on 1 at 1:30		04/30/2017 18:30 PDT
6	Quarterly	Every year on 1 of January, April, July, October at 1:00		06/30/2017 18:00 PDT
7	My_Interval	Every day at 6:15	Flight Connection Updates in Morning, Daily	04/26/2017 23:15 PDT

A Create New Schedule Interval modal appears.

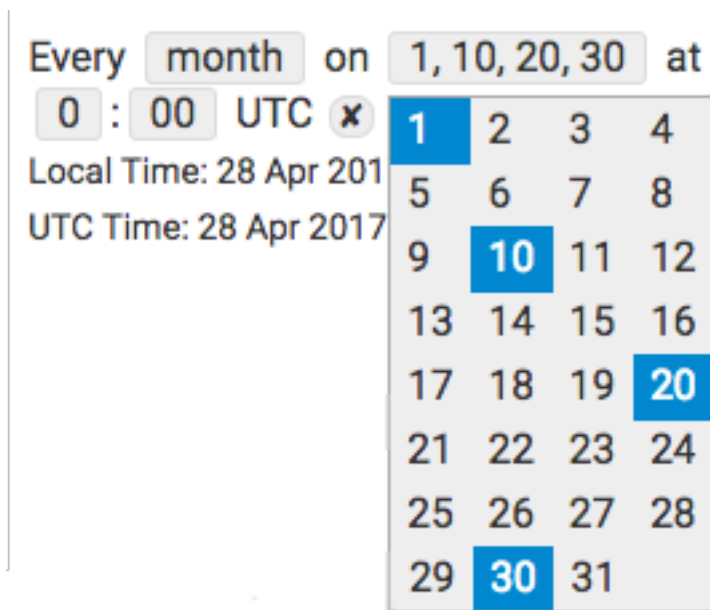
The screenshot shows the 'Create New Schedule Interval' modal. It has a title bar with a close button (X). Below the title is a text input field labeled 'Interval Name\*'. Underneath the input field, there is a frequency selector showing 'Every year on 1 of every month at 0:00 UTC'. Below the frequency selector, it shows the local time 'Local Time: 28 Apr 2017 09:39 PDT (UTC-0700)' and the UTC time 'UTC Time: 28 Apr 2017 16:39 UTC'. At the bottom right, there are two buttons: 'CANCEL' and 'CREATE'.

2. In the Create New Schedule Interval modal, specify the parameters of the schedule:

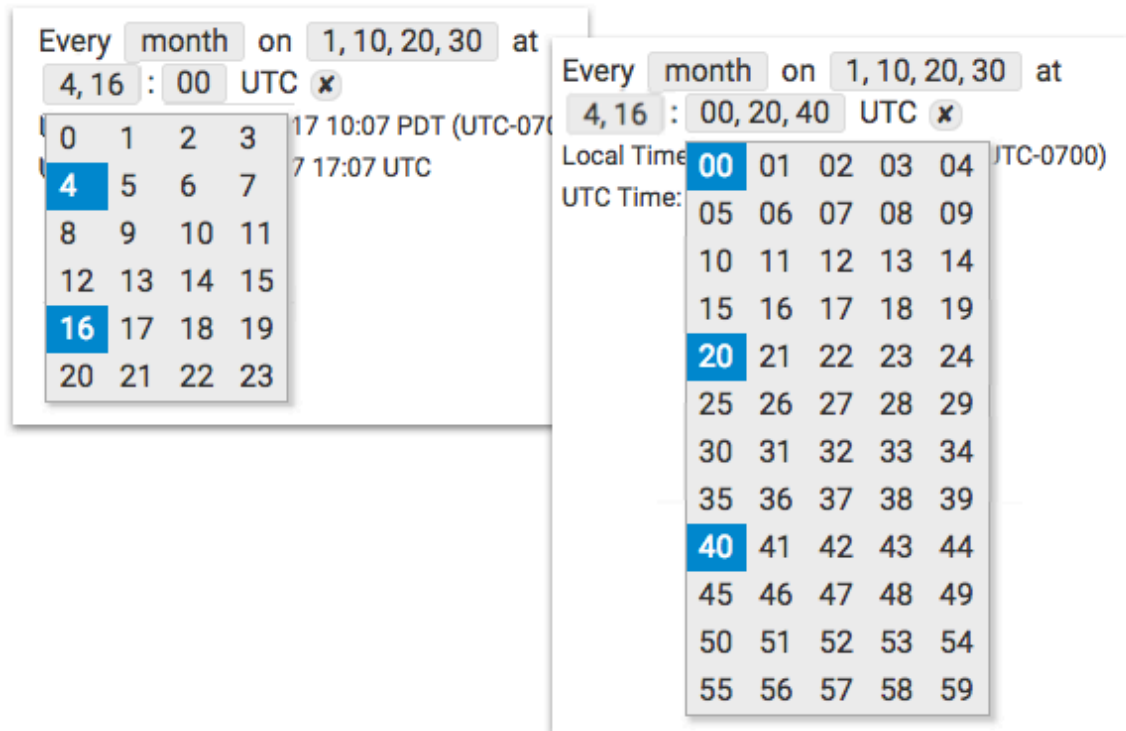
- In Interval Name field, enter the name for the new schedule interval. We used My Custom Interval.
- When choosing the date/time of the run, remember that time format is in UTC. For your reference, we added your local time format designation. In this example, local time is in PDT format, equivalent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



- 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.



- Lastly, set the hour a minute components of the schedule. As with previous fields, multiple selections are possible.



Note that 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 x

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

UTC Time: 28 Apr 2017 18:21 UTC

CANCEL

CREATE

A brief success message appears on your screen.

The new interval appears in the Manage Schedule Intervals interface.

ARCADIA DATA
HOME VISUALS DATA
HELP admin

## Jobs REFRESH

Job Log (100 latest)
Scheduled Jobs
Manage Schedule Intervals
DELETE SELECTED

+ CREATE NEW SCHEDULE

Interval ID	Name	Interval	Dependent Jobs	Next Run Time	
1	Hourly	Every hour at 15 minute(s) past the hour	Threshold on Georgia Flights	04/28/2017 11:15 PDT	
2	Daily	Every day at 3:00		04/28/2017 20:00 PDT	
3	Every Weekday	Every week on Monday-Friday at 2:00		04/30/2017 19:00 PDT	
4	Weekly	Every week on Sunday at 6:00	Flight Connection Updates	04/29/2017 23:00 PDT	
5	Monthly	Every month on 1 at 1:30		04/30/2017 18:30 PDT	
6	Quarterly	Every year on 1 of January, April, July, October at 1:00		06/30/2017 18:00 PDT	
7	My_Interval	Every day at 6:15	Flight Connection Updates in Morning, Daily	04/28/2017 23:15 PDT	
8	My Custom Interval	Every month on 1, 10, 20, 30 at 4, 16:00, 20, 40		05/05/2017 21:00 PDT	

### Results

Note that the Next Run Time for the new schedule interval is at 04/29/2017 21:00 PDT. This translates to UTC time as 04/30/2017 04:00, as specified in the previous steps. To adjust the interval, see *Changing schedule intervals*.

## Changing schedule intervals

### About this task



#### Note:

This feature is available only 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.

We are changing My Custom Interval, ID = 8.

Interval ID	Name	Interval	Dependent Jobs	Next Run Time
1	Hourly	Every hour at 15 minute(s) past the hour	Threshold on Georgia Flights	04/28/2017 11:15 PDT
2	Daily	Every day at 3:00		04/28/2017 20:00 PDT
3	Every Weekday	Every week on Monday-Friday at 2:00		04/30/2017 19:00 PDT
4	Weekly	Every week on Sunday at 6:00	Flight Connection Updates	04/29/2017 23:00 PDT
5	Monthly	Every month on 1 at 1:30		04/30/2017 18:30 PDT
6	Quarterly	Every year on 1 of January, April, July, October at 1:00		06/30/2017 18:00 PDT
7	My_Interval	Every day at 6:15	Flight Connection Updates in Morning, Daily	04/28/2017 23:15 PDT
8	My Custom Interval	Every month on 1, 10, 20, 30 at 4, 16:00, 20, 40		04/29/2017 21:00 PDT

The Edit Schedule Interval #8 modal appears.

2. In the modal, adjust the time selection to compensate for the difference of 7 hours between UTC and local time (PDT).

Because local time is 7 hour behind UTC, we must add 7 in this interface to achieve the intended notification time of 04:00 and 16:00 local time (PDT).

3. 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 x

0 1 2 3 17 13:47 PDT (UTC-0700)  
 4 5 6 7 7 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 x

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

4. Click Save.

**Results**

The updated interval appears in the Manage Schedule Intervals interface.



ARCADIA DATA HOME VISUALS DATA HELP admin

Jobs REFRESH

Job Log (100 latest) Scheduled Jobs Manage Schedule Intervals DELETE SELECTED

+ CREATE NEW SCHEDULE

Interval ID	Name	Interval	Dependent Jobs	Next Run Time	
1	Hourly	Every hour at 15 minute(s) past the hour	Threshold on Georgia Flights	04/28/2017 11:15 PDT	<input type="checkbox"/>
2	Daily	Every day at 3:00		04/28/2017 20:00 PDT	<input type="checkbox"/>
3	Every Weekday	Every week on Monday-Friday at 2:00		04/30/2017 19:00 PDT	<input type="checkbox"/>
4	Weekly	Every week on Sunday at 6:00	Flight Connection Updates	04/29/2017 23:00 PDT	<input type="checkbox"/>
5	Monthly	Every month on 1 at 1:30		04/30/2017 18:30 PDT	<input type="checkbox"/>
6	Quarterly	Every year on 1 of January, April, July, October at 1:00		06/30/2017 18:00 PDT	<input type="checkbox"/>
7	My_Interval	Every day at 6:15	Flight Connection Updates in Morning, Daily	04/28/2017 23:15 PDT	<input type="checkbox"/>
8	My Custom Interval	Every month on 1, 10, 20, 30 at 11, 23:00, 20, 40		04/30/2017 04:00 PDT	<input type="checkbox"/>

## Deleting schedule intervals

### About this task



#### Note:

This feature is available only 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.

ARCADIA DATA HOME VISUALS DATA HELP admin

Jobs REFRESH

Job Log (100 latest) Scheduled Jobs Manage Schedule Intervals DELETE SELECTED

+ CREATE NEW SCHEDULE

Interval ID	Name	Interval	Dependent Jobs	Next Run Time	
1	Hourly	Every hour at 15 minute(s) past the hour	Threshold on Georgia Flights	04/28/2017 11:15 PDT	<input type="checkbox"/>
2	Daily	Every day at 3:00		04/28/2017 20:00 PDT	<input type="checkbox"/>
3	Every Weekday	Every week on Monday-Friday at 2:00		04/30/2017 19:00 PDT	<input type="checkbox"/>
4	Weekly	Every week on Sunday at 6:00	Flight Connection Updates	04/29/2017 23:00 PDT	<input type="checkbox"/>
5	Monthly	Every month on 1 at 1:30		04/30/2017 18:30 PDT	<input type="checkbox"/>
6	Quarterly	Every year on 1 of January, April, July, October at 1:00		06/30/2017 18:00 PDT	<input type="checkbox"/>
7	My_Interval	Every day at 6:15	Flight Connection Updates in Morning, Daily	04/28/2017 23:15 PDT	<input type="checkbox"/>
8	My Custom Interval	Every month on 1, 10, 20, 30 at 11, 23:00, 20, 40		04/30/2017 04:00 PDT	<input checked="" type="checkbox"/>

3. In the Delete Confirmation modal, which lists the IDs of the logs you selected in the previous steps, click Delete.

Are you sure you want to delete selected schedule intervals?

**#1 Hourly**

Related Jobs

- refresh spot.av\_2\_ds\_14
- refresh spot.av\_2\_ds\_14
- refresh spot.av\_1\_ds\_14
- refresh spot.av\_3\_ds\_14

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**#2 Daily**

Related Jobs

- Catalog History tables AV refresh1
- Catalog History tables AV refresh2
- Catalog History tables AV refresh3
- Catalog History tables AV refresh4

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**#4 Weekly**

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**#5 Monthly**

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**#6 Quarterly**