



## Scheduling Jobs

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This chapter provides information about activating BPS and scheduling jobs.

You can schedule bulk transactions and specify a time when they need to start these transactions. All jobs that are submitted through the Bulk Administration menu in the Cisco Unified Communications Manager Administration, queue up on the Bulk Provisioning Service (BPS). Depending on the start time specified for a job, the transaction starts running. If no start time is mentioned, the transactions execute in the order that they are received.

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## Activate Bulk provisioning service

Before submitting a job for execution, the Bulk Provisioning Service (BPS) should be activated.

BPS starts automatically after it is activated. Every time that the service is started, BPS synchronizes with Cisco Unified Communications Manager database.

### Procedure

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- Step 1** From **Cisco Unified Communications Manager Serviceability** window, choose **Tools > Service Activation**. The **Service Activation** window displays.
  - Step 2** From the **Server** drop-down list box, choose the server that is running Cisco Unified Communications Manager.
  - Step 3** In the **Database and Admin Services** area, check the check box corresponding to **Cisco Bulk Provisioning Service**.  
**Note** If the service is already activated, the Activation Status will display as Activated.
  - Step 4** Click **Update**.  
The window refreshes and the Activation Status corresponding to Bulk Provisioning Service displays Activated.
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### Related Topics

[Start, stop and restart BPS, on page 2](#)

[Topics related to Tool for Auto-Registered phone support user locales](#)

## Start, stop and restart BPS

You can manually stop or restart the Bulk Provisioning Service (BPS).

**Note**

The BPS starts automatically after it is activated using Cisco Unified Communications Manager Serviceability.

### Procedure

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- Step 1** In Cisco Unified Communications Manager Serviceability, choose **Tools > Control Center - Feature Services**. The **Control Center-Feature Services** window displays.
- Step 2** Choose the Cisco Unified Communications Manager server from the Servers drop-down list box. Cisco Bulk Provisioning Service displays in list under **Service Name** column, in the **Database and Admin Services** area.
- Note** If BPS is already activated, the Activation Status will display as Activated.
- Step 3** Check the check box corresponding to BPS and do one of the following:
- To restart BPS, click **Restart**.  
The service restarts, and the message, Service Successfully Restarted, displays.
  - To stop BPS, click **Stop**.  
The service stops, and the message, Service Successfully Stopped, displays.
  - To start the stopped BPS, click **Start**.  
The service starts, and the message, Service Successfully Started, displays.
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## Deactivate BPS and log out

After you deactivate BPS you can log out of the tool when you no longer need to use it.

### Procedure

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- Step 1** In Cisco Unified Communications Manager Serviceability, choose **ToolsService Activation**. The **Service Activation** window displays.
- Step 2** Choose the Cisco Unified Communications Manager server from the Servers drop-down list box.

Cisco Bulk Provisioning Service displays in the list under **Service Name** column in the **Database and Admin Services** area.

- Step 3** Uncheck the check box corresponding to the Cisco Bulk Provisioning Service and click **Update**. The service deactivates and the Status column displays the status as Deactivated.
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## Find jobs submitted to BPS

You can find jobs that are already submitted to BPS through the Bulk Administration menu on Cisco Unified Communications Manager Administration.

### Procedure

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- Step 1** Choose **Bulk Administration > Job Scheduler**. The Find and List Job window displays.
- Step 2** From the first **Find Job where** drop-down list box, choose one of the following options.
- User
  - Status
  - Job ID
  - Description
  - Scheduled Date Time
- Step 3** From the second **Find Job where** drop-down list box, choose one of the following options.
- begins with
  - contains
  - is exactly
  - ends with
  - is empty
  - is not empty
- Step 4** From the third drop-down list box, choose **Show** to display completed jobs.
- Step 5** Specify the appropriate search text, if applicable, and click Find. To further define your query, you can choose AND or OR to add multiple filters and repeat [Step 2, on page 3](#) through [Step 5, on page 3](#).
- Tip** To find all jobs that are registered in the database, click **Find** without entering any search text.
- A list of discovered jobs displays by:
- Job Id
  - Scheduled Date Time

- Submit Date Time
- Sequence
- Description
- Status
- Last User

**Note** The Status displays Hold if **Run Later** radio button was selected while scheduling the job. The Status displays Pending if **Run Immediately** radio button was selected. The Status displays Completed for completed jobs and it displays Incomplete for jobs that had an error and could not be completed.

**Step 6** Click the Job ID for the job in process or on hold, that you want to schedule and/or activate. The **Job Configuration** window displays.

## Schedule submitted jobs

You can schedule submitted jobs.

### Procedure

**Step 1** Find the job you want to schedule.

**Step 2** In the **Job Configuration** window, enter the settings for scheduling and activating the job. See the following table.

**Table 1: Job configuration settings**

Field	Description
Job Id	Displays the job ID that is created when the job is submitted.
Job Status	Displays the status of the job from one of the following options: <ul style="list-style-type: none"> <li>• Hold</li> <li>• Pending</li> <li>• Completed</li> <li>• Incomplete</li> </ul>
Scheduled Date Time	Choose the month, date, year from the drop-down list boxes. Enter the time when you want the job to be scheduled.
Submit Date Time	Displays the date and time when the job was submitted.

Field	Description
Sequence	Choose from the drop-down list box, the sequence in which the job should be run. You can choose a number between 1 and 20.  <b>Note</b> If the scheduled date and time is same for two or more jobs, then the jobs are queued in BPS according the sequence number. If the scheduled date and time, and Sequence is same, then the jobs are queued depending on the submitted date and time.
Job Description	Displays the description you entered when the job was created. This description can be edited to include up to 50 characters in any language, but it cannot include double-quotes ("), percentage sign (%), ampersand (&), back-slash (\), or angle brackets (<>).
Frequency	Choose from the following options, the frequency of the transaction: <ul style="list-style-type: none"> <li>• Once</li> <li>• Monthly</li> <li>• Weekly</li> <li>• Daily</li> <li>• Hourly</li> </ul> <p>For example, if you choose Daily, the transaction will be repeated daily at the time entered in the Schedule Time and Date field.</p>
Job End Time	Displays the end time for recurring (frequency) job.
Last Modified By	Displays the user ID of the administrator who last modified this job.

**Step 3** Click **Activate job** to activate the job at the scheduled time or click **Save** to save the configuration settings to activate the job at a later time.  
The Find and List Jobs window displays.

**Note** If a Job is saved, but not activated then status of the job will be displayed as Hold. These jobs will not be processed by BPS unless they are activated.

**Step 4** Click the job ID for the job you have activated. In the **Job Configuration** window, the following information displays in the **Job Results** area, for all jobs that are complete, incomplete, stop requested, or processing.

- Job Launched Date Time
- Job Result Status
- Number of records Processed
- Number of Records Failed
- Total Number of Records
- Log File Name

**Note** Click on the link in the **Log File Name** column to view the log file for this transaction.

**What to Do Next**

To go back to the list of jobs, choose **Back to Find/List** from the **Related Links** drop-down list box and click Go.

**Related Topics**

[Find jobs submitted to BPS, on page 3](#)