



# Cisco Workload Automation 6.3.1 Release Notes

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## Introduction

Starting from release 6.3, Cisco Tidal Enterprise Scheduler (TES) is re-branded to Cisco Workload Automation (CWA). Cisco Workload Automation (CWA) is an automation platform for cross-application and cross-platform operational workloads, batch job scheduling, and data integration throughput. CWA can easily configure and run scheduled workloads and event-based business processes. It can integrate the commercial and custom applications that the business processes use. CWA has the capability to determine which tasks to run, as well as where and when to run them, without learning new scripting languages, customizing existing tools, or any human intervention. Additionally, CWA provides a single view and point of control over all business processes and the jobs they comprise.

## Key Features Additions, Enhancements, and Compatibility Updates

Cisco Workload Automation 6.3.1 release includes the following feature additions and enhancements:

Feature	Description
Discover and Import jobs from Cron	<p>Transporter has been enhanced in CWA 6.3.1 to provide a workflow comprising following actions:</p> <ul style="list-style-type: none"> <li>■ Discover the Cron jobs from the configured agents.</li> <li>■ Import the Cron jobs into CWA by creating the jobs corresponding to the Cron expressions.</li> <li>■ Convert the Cron expression into CWA format.</li> <li>■ Map the jobs to an existing calendar that matches the Cron expression or to create a new calendar recommended through the workflow.</li> <li>■ Validate and import the Cron jobs.</li> <li>■ Export the Cron expression, mapped job, calendar, and other details at any time during the workflow which can then be processed offline and imported into CWA.</li> </ul> <p>For more information, see the “<i>Importing/Exporting the Cron Jobs</i>” chapter in the <i>Cisco Workload Automation User Guide, Release 6.3.1</i>.</p>
SSL Support between Java Client and Master	<p>SSL protocol is supported between the CWA Java Client and Masters.</p> <p>For more information, see the “<i>Configuring SSL messaging on Java Client</i>” section on the <i>Cisco Workload Automation Installation and Configuration Guide, Release 6.3.1</i>.</p>
Support for variables in Resource Path	<p>An option is provided to specify a variable in the Resource Path field for WebService job definitions.</p> <p>For more information, see the “<i>Working with Web Service Jobs</i>” chapter in the <i>Cisco Workload Automation Web Service Adapter Guide, Release 6.3.1</i>.</p>
Support for variables in Private Keyfile Location	<p>When you choose a SFTP protocol, an option is provided to specify a variable in the Private Keyfile Location field for the FTP job definitions.</p> <p>For more information, see the “<i>Jobs and Jobs Groups</i>” chapter in the <i>Cisco Workload Automation User Guide, Release 6.3.1</i>.</p>

Feature	Description
Enhancement in the Import/Export feature	<ul style="list-style-type: none"> <li>■ CWA 6.3 Transporter allows you to import the job, job groups, calendars, and their related artifacts as XML files. You can also import jobs, job groups, calendars, and all of their related artifacts that were exported from another system.</li> </ul> <p>The import/export feature has been enhanced in CWA 6.3.1 Transporter. An option is provided to save an exclusion file in which all selected jobs in the exclusion file are excluded during import/compare operations using the selection file which saves your selection preferences of the jobs.</p> <p>For example, if you are comparing the job/job group objects in the selection file, the job objects saved in the exclusion file will be excluded from the comparison result.</p> <p>This capability is available from both the Transporter UI as well as from CLI.</p> <ul style="list-style-type: none"> <li>■ An option is provided in the config file to exclude certain fields during compare operation to avoid comparing of all the available fields.</li> </ul> <p>For more information, see the “<i>Reading Data Objects</i>” chapter and “<i>Using the Transporter Export/Import Utility</i>” chapter in the <i>Cisco Workload Automation 6.3.1 Transporter User Guide</i>.</p>
Customizing the text and background Color of the status bar in GUI	<p>To identify the different CWA environments, set the status bar background, font color, and custom message of the Client Manager and the Java Client in the <b>master.props</b> file.</p> <p>For more information, see the “<i>Getting Started</i>” chapter in the <i>Cisco Workload Automation 6.3.1 User Guide</i>.</p>
64-bit agent support	<p>CWA 6.3.1 supports the following 64-bit agents:</p> <ul style="list-style-type: none"> <li>■ Windows, version 3.2.0.5</li> <li>■ RHEL, version 3.2.0.5</li> </ul> <p>For more information, see the <i>Cisco Workload Automation 6.3.1 Compatibility Matrix Guide</i>.</p>
Audit log support for System Configuration settings	<p>Enhanced the ability to audit all the changes in the system configuration settings. All the changes in system configuration will get logged. Any insert or update will be audited.</p>
JMS Adapter Enhancements	<ul style="list-style-type: none"> <li>■ An option is provided to specify Map Message as Message type to handle Name-Value pairs.</li> <li>■ An option is provided to specify Sink Message as Task Type.</li> <li>■ An option is provided to specify Selector to filter the Message Headers in the job definition.</li> </ul> <p>For more information, see the “<i>Defining JMS Jobs</i>” chapter in the <i>Cisco Workload Automation 6.3.1 JMS Adapter Guide</i>.</p>
MSSQL PowerShell support	<p>Added support for PowerShell scripting as a job type in the database jobs.</p>

## Key Features Additions, Enhancements, and Compatibility Updates

Feature	Description
Webclient performance improvement	<p>Improved the performance of the Webclient for operations like Expand, Collapse, Scroll, Search, Filter, Editing a job, Enable/Disable, and Override.</p> <p>For more information, see the “<i>Tuning CWA</i>” chapter in the <i>Cisco Workload Automation 6.3.1 Performance and Tuning Guide</i> to tune and add new configuration parameters for Large, Medium, and Small environments.</p>
Enhancement to trigger the event/alert after a job is stuck in launched state for ‘x’ minutes	<p>Added a new event trigger “Job in launch status longer than expected” in Job Events to trigger a event after a job stuck in launched state for 5 minutes (default time). The default time can be changed as desired.</p> <p>For more information, see the “<i>Event ID Tables</i>” chapter in the <i>Cisco Workload Automation 6.3.1 User Guide</i>.</p>
Unsupported versions of Oracle and Informatica Adapter	<ul style="list-style-type: none"><li>■ Removed the support for Oracle 9i version.</li><li>■ Removed the support for the following Informatica versions due to curl vulnerability <b>CVE-2010-0734</b>:<ul style="list-style-type: none"><li>— 8.6.0</li><li>— 9.0.1</li><li>— 9.1.0</li><li>— 9.5</li></ul></li></ul>

## Open Caveats

## Open Caveats

This section lists the notable caveats that are still open in CWA 6.3.1 release. For a complete list of open caveats, refer to the section [Using the Bug Search Tool](#).

**Note:** These caveats will be addressed in the monthly roll ups post 6.3.1 GA. Please check the README.txt files of latest roll up builds or contact TAC for updates.

Identifier	Description
<a href="#">CSCve26161</a>	Java Client takes long time to generate “All dependencies” report.
<a href="#">CSCvd71140</a>	Importing the same Cron jobs are allowed multiple times leading to creation of duplicate jobs in CWA.
<a href="#">CSCvd71143</a>	In Cron import, the <b>Job Owner</b> drop-down list should show only the owners who have <b>job create</b> permission.
<a href="#">CSCvd71146</a>	Complex Cron expressions with variables and multiple commands in a Cron are not supported.
<a href="#">CSCvb44005</a>	Runtime user specified in Sqoop job is not honored by MapR distribution when Master is installed on Windows.
<a href="#">CSCvb32447</a>	If the time of the Java Client is not synchronized with the Java Master, login is failed or data is not displayed.
<a href="#">CSCuz78089</a>	In the Java Client, the drop-down list does not show all the items in the first click of operation.
<a href="#">CSCvb15975</a>	Transporter CLI import fails on the non-graphical Linux systems.
<a href="#">CSCug70127</a>	In CWA installer, when the back button is clicked, the screens do not display the previous screens instead the screens displayed are not in order.
<a href="#">CSCun45597</a>	CWA installer does not allow to rename “Admiral” during installation.
<a href="#">CSCuq93340</a>	CWA installer does not allow to install Admiral and TESCache in different MSSQL db instance.  <b>Workaround:</b>  While installing, specify the database server/instance into the database server field. After install, update <b>.dsp</b> and change JDBC connection string from database server/instance to <b>databaseserver:port</b>
<a href="#">CSCve60657</a>	Occasionally, CWA master fails to install a copy of <b>msvcr71.dll</b>  <b>Workaround:</b>  Copy <b>msvcr71.dll</b> or <b>msvcr100.dll</b> into the same directory as the <b>saMaster.exe</b> executable.

## Resolved Caveats

This section lists the caveats that are resolved in the 6.3.1 train. For a complete list of resolved caveats, refer to the section [Using the Bug Search Tool](#).

Identifier	Description
<a href="#">CSCve00422</a>	JMS - Map message output is not formatted as key and value pairs.
<a href="#">CSCvd90214</a>	CWA 6.3 Master allows the connection of TES 6.2.1 Java Client.
<a href="#">CSCvd82163</a>	In the Master, the audit log is missing the username when clicking the <b>Cancel Pending</b> button in a job group.
<a href="#">CSCvd81885</a>	JMS events throw the following error - “ <i>com.google.gwt.xml.client.impl.DOMParseException: Failed to parse</i> ”.

## Using the Bug Search Tool

Identifier	Description
<a href="#">CSCvd56651</a>	The variables referenced in the command of a job definition, are deleted without any warning.
<a href="#">CSCvd46881</a>	Adapter for MSSQL 2014 is not displaying the version in the connection pane.
<a href="#">CSCvd21655</a>	After upgrading from 5.3.1 to 6.2.1, the parameters are missing from the Business Objects Jobs.
<a href="#">CSCvd14877</a>	In the Web Client, the variables are not populated when inserting a Job/Group from Business Views.
<a href="#">CSCvc96610</a>	JC/WC - Able to insert the jobs while the scheduler is paused.
<a href="#">CSCvc86402</a>	API users cannot update the disabled job.
<a href="#">CSCvc69171</a>	The file dependency agent is forced to inherited when copied.
<a href="#">CSCvc29003</a>	Many SQL jobs go to active status after orphaned status.
<a href="#">CSCvb43075</a>	TES 6.2.1 - Opening a list Calendar in the Java Client, logs an error to the message log.
<a href="#">CSCuy27133</a>	In the Java Client, the expanded view collapses when going to different day in Job Activity.
<a href="#">CSCuw82209</a>	In the Webservice Adapter, the RTU credentials do not pass to the target server.
<a href="#">CSCuv75546</a>	A pop-up window is displayed to limit the search when fetching the parameters.
<a href="#">CSCul43618</a>	Viewing Rerun job output and maximizing any occurrence, takes to the first occurrence.
<a href="#">CSCve00416</a>	Enhancement for Selector functionality for sink message.
<a href="#">CSCvd43831</a>	MSSQL Adapter - PowerShell support for database jobs.
<a href="#">CSCva16967</a>	Webservice Adapter - Support for variables in the Resource Path field.
<a href="#">CSCuq36524</a>	TES - Enhancement request for variable support in the Private Keyfile Location field.
<a href="#">CSCup85170</a>	TES 6.2 - Support for SSL between the Java Client and Master.
<a href="#">CSCuj94855</a>	Ability to identify different CWA environments by using color coding on the banner.
<a href="#">CSCuh96669</a>	TES - Enhancement alert after job is stuck in the launched status for 'x' minutes.

## Using the Bug Search Tool

Use the Bug Search tool to search for a specific caveat or to search for all caveats in a release.

Perform the following steps to search for a caveat.

1. Go to <http://tools.cisco.com/bugsearch>
2. At the Log In screen, enter your registered Cisco.com username and password and then click **Log In**. The Bug Search page opens.

Note: If you do not have a Cisco.com username and password, you can register for them at <http://tools.cisco.com/RPF/register/register.do>.

3. To search for a specific caveat, enter the bug ID in the Search For field and press **Enter**.
4. To search for caveat in the current release:
  - a. Click the **Select from list** link.  
The Select Product page is displayed.
  - b. Choose **Products > Analytics and Automation Software > Data and Analytics Software > Cisco Workload Automation > Cisco Tidal Enterprise Adapter for IBM WebSphere DataStage** and click **OK**.
  - c. When the search results are displayed, use the filter tools to find the types of caveat you are looking for. You can search for caveats by status, severity, modified date, and so forth.

## Related Documentation

To export the results to a spreadsheet, click the **Export Results to Excel** link.

**Note:** To view the list of enhancements for Cisco IAC, search for bugs with Severity 6.

## Related Documentation

See the [Cisco Workload Automation 6.3.1 Documentation Overview](#) page for documentation information and a complete list of 6.3.1 documents.

## Accessibility Features in Cisco Workload Automation 6.3.1

All product documents are accessible except for images, graphics, and some charts. If you would like to receive the product documentation in audio format, braille, or large print, contact [accessibility@cisco.com](mailto:accessibility@cisco.com).

## Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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