



Cisco Process Orchestrator Release Notes

Revised: July 10, 2014

This release notes document provides an overview of the new features and enhancements in Cisco Process Orchestrator 3.0.2 and highlights important issues you need to know before using this release. It lists open, resolved, and closed bugs and how to access information on Cisco Process Orchestrator bugs using the Bug Search tool.



Note

You can access the most current Cisco Process Orchestrator documentation, including these release notes, online at

<http://www.cisco.com/c/en/us/support/cloud-systems-management/process-orchestrator/tsd-products-support-series-home.html>.

1 Contents

This document contains the following sections:

- [New Features and Enhancements, page 2](#)
- [Known Issues, page 3](#)
- [Using the Bug Search Tool, page 3](#)
- [Related Documentation, page 4](#)
- [Accessibility Features in Cisco Process Orchestrator, page 4](#)
- [Obtaining Documentation and Submitting a Service Request, page 4](#)

2 New Features and Enhancements

The following topics describe the new features and enhancements introduced in Cisco Process Orchestrator:

- Service Catalog Adapter—enhancements to the existing Cisco Prime Service Catalog Adapter. It includes the integration with the Queue Service Request, a new feature in Cisco Prime Service Catalog 10.1 release and shifts to use nsAPI for Service Item related activities rather than the prior Service Link API.
- Integrate Hidden Variables with Service Catalog Secure Data Type—Encrypted data is now allowed in standard payloads to be pushed to hidden variables within the Cisco Process Orchestrator layer.
- Self-Signed SSL Certificate for NorthBound Web Services—allows for the install of a self-signed certificate for use in securing communication with the Northbound Web Services in Cisco Process Orchestrator 3.0.2.
- External String Encryption—Cisco Process Orchestrator's encryption and “hidden string” features can be exposed for use to external callers to improve security of the data passed between different products.
- Email adapter enhancement—allows users to modify polling frequency used by the Email Adapter.
- String Length enhancements—provides the capability to return the length of a string within a workflow reference.

Service Catalog Adapter

In Cisco Prime Service Catalog 10.1, the Service Designer can define a Queue Service Request. The Queue Service Request enables publication of the Service Request data to a message broker. Cisco Process Orchestrator subscribes to the specified queue of the message broker. Upon receiving the Queued Service Request message, Cisco Process Orchestrator will trigger a workflow to act on the service request; and update the status of service request contained within the Queued Service Request via Cisco Prime Service Catalog REST nsAPI. Cisco Prime Service Catalog Server also provides REST nsAPI for Cisco Process Orchestrator to obtain the detail of the AMQP message broker for each service request. The enhanced Service Catalog Adapter also uses nsAPI instead of Service Link API to perform Service Item related activities starting this release. This removes the requirement of using Channel ID as in the prior releases.



Note Version 10 and higher are supported. Versions earlier than 10 (i.e. 9.x and prior) are no longer supported.

Integrate Hidden Variables with SC Secure Data Type

Encrypted data is now allowed in standard payloads to be pushed to hidden variables within the Cisco Process Orchestrator layer. If this data is encrypted using the public key provided from Cisco Process Orchestrator, Cisco Process Orchestrator recognizes the encrypted string and processes it.

Self-Signed SSL Certificate for NorthBound Web Services

By installing a self-signed certificate for use in communicating with the NBWS, all traffic to orchestrator servers are encrypted and therefore secure by default. Optionally, you can override the default certificate with a certificate from a trusted authority using the “Web Service” tab of the “Environment Properties” configuration page. For further information, see your NorthBound Web Services Guide.



Note If upgrading from a previous version of Cisco Process Orchestrator with a certificate configured for use with the secure NBWS, reconfigure the certificate on the Web Service tab in the Environment Properties dialog. The Cisco Process Orchestrator server now actively manages the certificate for this port and will assign a self-signed certificate by default. In the event that a custom certificate is being used in a prior release, override the default certificate created by the Orchestrator server.

External String Encryption

Cisco Process Orchestrator's encryption and “hidden string” features can be exposed for use to external callers to improve security of the data passed between different products. Of particular interest are other components in the Cisco Intelligent Automation for Cloud (IAC) suite, especially Cisco Prime Service Catalog.

Email adapter enhancement

This enhancement allows users to modify polling frequency used by the Email Adapter to check for incoming emails and can be used to reduce the load on the email server from frequent polling.

String Length enhancements

This enhancement allows user to refer directly to the length of a string variable or activity property without invoking expensive calculation mechanism (such as scripts, XSL transforms, SQL queries) when specifying values for variables or activity configuration.

3 Known Issues

Installing Older Versions of Solutions

Once a Cisco Process Orchestrator 3.0 environment is upgraded to version 3.0.2, attempts to install Cisco Intelligent Automation for Cloud 4.0 or Intelligent Automation for SAP 3.0 will fail with the following error:

Unable to downgrade the existing XML Data Schema version '3.0.2' to version '3.0.0'.

Install these packages before upgrading Cisco Process Orchestrator environment to 3.0.2. If the environment has already been upgraded, contact Cisco Technical Support for instructions on how to install these packages in Cisco Process Orchestrator 3.0.2.

4 Using the Bug Search Tool

Bug Search is a new tool for getting information about Cisco Process Orchestrator bugs. In addition to having better performance than the legacy Bug Toolkit, Bug Search allows you to:

- Quickly scan bug content
- Configure e-mail notifications for updates on selected bugs
- Start or join community discussions about bugs
- Save your search criteria so you can use it later

When you open the Bug Search page, check the interactive tour to familiarize yourself with these and other Bug Search features.

Step 1 Access the Bug Search tool.

- a. Go to <http://www.cisco.com/c/en/us/support/cloud-systems-management/process-orchestrator/tsd-products-support-series-home.html>.
- b. At the Log In screen, enter your registered Cisco.com username and password; then, click **Log In**.



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>.

Step 2 In the Most Requested Resources section of the page, click **Bug Search**.

Step 3 To search for bugs in the current release:

- a. Enter **Cisco Process Orchestrator** in the Search For field and **3.0.2** in the Release field, then hit **Return**. (Leave the Product, Software Type, and Show Bugs fields empty.)
- b. When the search results are displayed, use the filter and sort tools to find the types of bugs you are looking for. You can search for bugs by severity, by status, how recently they were modified, according to the number of support cases associated with them, and so forth.

If you know the bug ID, simply enter it in the Search For field and hit **Return**.

5 Related Documentation

For a list of the guides available for Cisco Process Orchestrator, see the [Cisco Process Orchestrator Documentation Overview](#).

6 Accessibility Features in Cisco Process Orchestrator

The Cisco Process Orchestrator software does not provide accessibility features. 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.

7 Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information, see *What's New in Cisco Product Documentation* at:

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

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