



What's New in Cloud Service Automation 4.60

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Overview

HPE Cloud Service Automation (CSA) integrates HPE datacenter management and automation products, adding subscription management, a service-offering design, and a customer portal to create a comprehensive cloud-management platform.

CSA provides three major offerings:

- The Marketplace Portal provides a customer interface for requesting new cloud services and for monitoring and managing existing services, with subscription pricing to meet business requirements.
- The CSA graphical-service design and content-portability tools simplify developing, leveraging, and sharing an array of service offerings that can be tailored to your customers' needs.
- The CSA lifecycle framework and resource utilization features ease the complexity of mapping your cloud.

What's new in 4.60

HPE Cloud Service Automation (CSA) release 4.60 is a minor release with the following focus areas:

- [Service-instance upgrade](#)
- [External and dynamic pricing](#)
- [HTML-based email notification and custom content](#)
- [Service-broker enablement with Propel](#)
- [Compliance ITOC integration through HPLN](#)
- [Content SDK](#)
- [Docker container product image](#)
- [Console management user interface](#)
- [Installation and upgrade](#)

Service-instance upgrade

You can now upgrade existing subscriptions by modifying their underlying service designs, bypassing the need to cancel and reorder the same offerings. You can also upgrade using the documented REST APIs. In addition, you can now version service designs and mark them as upgradable, facilitating the revision and upgrade of associated subscriptions.

External and dynamic pricing

You can now retrieve subscription pricing from an external system allowing to customize service offerings based on the user and subscription contexts. A simple External Pricing Server is available to connect to your external pricing engine and exercise the REST APIs and JSON contract.

HTML-based email notification and custom content

End-user notifications are now available using default HTML, in addition to text. You can now customize mail content and include other relevant content associated with the subscription. A complete out-of-the-box set of templates enables you to send the correct notifications for your subscribers.

Service-broker enablement with Propel

New APIs allow Service Broker Portal such as HPE Propel (<http://www8.hp.com/us/en/software-solutions/propel-service-broker-catalog/>) to integrate to CSA at the service design level only, offering both aggregation and fulfillment of those services. Access to the underlying resource lifecycle actions is now also available.

Enabling Compliance via ITOC integration

Policy management and compliance can now be plugged-into CSA via the IT Operation and Compliance (ITOC) content capsule from HPLN. Extend your service designs with policy level information and operate your workload from ITOC console.

Content SDK

The new content SDK allows you to package your CSA artifacts & Operation Orchestration (OO) Content Packs in a capsule, the new format for HPLN users. Capsules allow content authors to package, deliver, publish, share, export, and import CSA content between environments. Capsules can now be generated with the CI/CD toolset (such as Jenkins) to automatically build and promote your content. You can download SDK from HPLN (<https://hpln.hpe.com/>).

Docker container product image

To speed up CSA evaluation and deployment, you can now deploy CSA Docker images. They are available internally on the HPE Docker registry or available directly on Docker Hub with some minimum license enforcement.

Console management user interface

There are two major user-interface innovations for this release:

- In the application switchboard, a new navigation bar provides shortcuts to console-management components.
- A new Action menu button provides a centralized place to launch operations.
- The service option model interface is now the same for both sequence and topology designs

Installation and upgrade

The CSA installer now provides content installation, rollback capacity for upgrade issues, and single sign on/common-card access configuration, which simplifies post-installation file configuration.

Send documentation feedback

Send your documentation feedback to clouddocs@hpe.com.

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The title page of this document contains the following identifying information:

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- Document Release Date, which changes each time the document is updated.
- Software Release Date, which indicates the release date of this version of the software.

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