Cloud Service Automation

Software Version: 4.6

Content At a Glance Guide

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Contents

Introduction

This guides provides an overview of the Cloud Service Automation content and CODAR content made available to all CSA/CODAR customers associated with our latest release.

Each content is delivered as capsules and can be deployed during the product installation or by visiting the HPE Live Network web site. Each capsules contains a set of service offerings, designs and provider that allows CSA administrator to build and deploy rich cloud services.

Content Capsules

Capsules are the new delivery format to create and share CSA product content. Capsules are now offered during the product installation or can be simply downloaded from the HPE Live Network web site (hpln.hpe.com). Each capsule contains CSA and HPE Operations Orchestration (HPE OO) artifacts along with documentation that explains their compatibility against the CSA platform as well as their direct provider/ environment.

Capsules are released often to address the need to support new technologies and content fixes. New Capsules are published on the HPE Live Network independent of the CSA and OO releases, so we recommend to visit this site often and subscribe to associated forum to be informed of any capsule changes.

CSA Out of the Box content obtained during product installation, upgrade, or directly from HPE Live Network will come with their own release notes and compatibility matrix.

For a complete set of supported content:

1. Go to HPE Live Network.
2. Select the HPE product with the content you require - for example, CSA.
3. Click the Content tab.

HPE Cloud Service Automation Content Catalog is available on https://hpln.hpe.com/node/143/contentfiles

Note: Download the CSA Content SDK to build your own capsules from https://hpln.hpe.com/contentoffering/hp-csa-content-sdk. The SDK contains a set of tools and best practices to build portable content known as Capsule. We encourage the overall CSA ecosystem to publish new capsules on HPE LN as community content.

Import Content Capsules

The following options are available to import CSA OOTB contents:

- While installing CSA 4.60 or upgrading to CSA 4.60, select the **Install additional provider integration service designs, components and content** option. This option invokes the HPE Content Capsule Installer and installs the content automatically. You can also view the details of all the individual content capsules being installed in the CSA Installer.

  For information about how to install CSA 4.60, see *HPE Cloud Service Automation Installation Guide*

  For information about how to upgrade to CSA 4.60, see *HPE Cloud Service Automation Upgrade Guide*

- If you skip the step to install contents while installing CSA 4.60, you can manually install the contents using HPE Content Capsule Installer.

  To run HPE Content Capsule Installer, go to `CSA_HOME/Tools/CSLContentInstaller/`

  For information about Content Capsule Installer and importing contents, see *HPE CSA Content Installation*

  > **Note:** See HPE Software Support Online (SSO) to find CSA documentation and knowledge articles. Refer CSA Documentation Library for a one-stop portal to all CSA 4.x documentation on the SSO. These require your HPE Passport credentials.

Configuring contents

When importing contents, CSA Installer and Content Capsule Installer automatically install the required OO workflows and service designs. After importing the contents, you need to log on to Cloud Service Management Console and configure service offerings as required.

Subscribing service

After logging on to the CSA Marketplace Portal, you can subscribe to the service offerings. If you have configured multiple organizations in CSA or published your service to a catalog other than the Global Shared Catalog, log on to the appropriate Marketplace Portal for your organization.

Prerequisite

The table below lists the software components and its required versions.

Component	Supported version	Recommended version

HPE Cloud Service Automation	4.5 or later	4.60.0000
		
		 `CSA-INTEGRATIONS - 4.60.0000 is located at <CSA_` `HOME>\CSAKit-4.5\OO Flow Content\10X`
		
		 `CSA-CONFIG - 4.10.0000 is located at <CSA_` `HOME>\Tools\ComponentTool\contentpacks`

HPE Codar	1.60	1.60
HPE Operations Orchestration	10.22 or later	oo 10.50 with the following HPE Operations Orchestration 10 Standard Content Capsule: oo10-base-cp -1.6.2 oo10-cloud-cp -1.6.0 oo10-hp-solutions-cp -1.7.0 oo10-virtualization-cp -1.6.0 oo10-sa-cp -1.2.0.001 oo10-sm-cp -1.0.3 **Note:** Listed above are the current HPE OO versions. These will be installed automatically when the user installs the contents. You can also download the latest content packs from https://hpln.hpe.com/group/operationsorchestration.

Note: CSA OOTB Sequenced service designs, offerings, and subscriptions are not supported with HPE Codar 1.50 only license. Add CSA license on Codar 1.50 to get these features.

For information about topology and sequenced service designs, see *HPE Cloud Service Automation Concepts Guide* on HPE Software Support.

Content Marketplace

The below table helps you navigate to the content capsule documents of CSA uploaded in the HPE LN portal.

Content Capsule Listing	Applicability	HPE LN Web-link	Model
Capsule Amazon EC2 Topology	CSA & CODAR	Go CSA Go CODAR	Topology
Capsule Amazon EC2 - Sequence	CSA	Go	Sequence
Capsule F5 BIG-IP LTM Load Balancer Managed Network	CSA	Go	Sequence
Capsule HPE Brown-to-Managed Compute	CSA	Go	Sequence
Capsule HPE Cloud Optimizer (vPV)	CSA	Go	Sequence
Capsule HPE DMA Oracle Database Server	CSA	Go	Sequence
Capsule HPE DMA MS SQL Database Server	CSA	Go	Sequence
Capsule HPE DMA WebLogic Application Server	CSA	Go	Sequence
Capsule HPE DMA WebSphere Application Server	CSA	Go	Sequence
Capsule HPE Go Active	CSA	Go	Sequence
Capsule HPE ICSP - Sequence	CSA	Go	Sequence
Capsule HPE ICSP - Topology	CSA & CODAR	Go CSA Go CODAR	Topology
Capsule HPE IT Operations Compliance (ITOC)	CSA	Go	Sequence
Capsule HPE Matrix Operating Environment (MOE)	CSA	Go	Sequence
Capsule HPE Network Automation VLAN	CSA	Go	Sequence
Capsule HPE SIU Demo	CSA	Go	Sequence
Capsule HPE Sitescope	CSA	Go	Sequence
Capsule HPE Service Manager	CSA	Go	NA
Capsule HPE Server Automation Audit Compliance	CSA	Go	Sequence
Capsule HPE Server Automation Patching Compliance	CSA	Go	Sequence

Capsule HPE SA Software Policies	CSA	Go	Sequence
Capsule HPE OneView- Sequence	CSA	Go	Sequence
Capsule HPE OneView - Topology	CSA & CODAR	Go CSA Go CODAR	Topology
Capsule HPE OpsAnalytics	CSA	Go	Sequence
Capsule OpenStack Sequential	CSA	Go	Sequence
Capsule OpenStack Topology	CSA & CODAR	Go CSA Go CODAR	Topology
Capsule VMware vCenter - Sequence	CSA	Go	Sequence
Capsule VMware vCenter - Topology	CSA & CODAR	Go CSA Go CODAR	Topology

The below table helps you navigate to the content capsule documents of CODAR uploaded in the HPE LNportal.

Content Capsule Listing	Applicability	HPE LN Web-link	Model
Capsule Docker - Topology	CSA & CODAR	Go CODAR Go CSA	Topology
Capsule HPE-CODAR	CODAR	Go	Topology
Capsule HPE Helion Development Platform (HDP)	CSA & CODAR	Go CODAR Go CSA	Topology

Note: Go links are specified with respect to both CSA and CODAR locations in HPE LN.

Update OO jar

To update any of the OO jar, the user needs to extract the OOTB capsule and select the intended jar.

User can import the OO jar to OO studio and start updating the OO jars.

Use case	OO jar
Amazon AWS Integration	com.hp.csl.base.util.jar com.hp.csl.amazon.ec2.jar
Amazon EC2 Topology	com.hp.csl.base.util.jar com.hp.csl.amazon.ec2.topology
HPE Matrix Operating Environment Integration	com.hp.csl.base.util.jar com.hp.csl.matrix.jar
ICSP Topology Integration	com.hp.csl.oneview.jar com.hp.csl.icsp.jar
Monitoring and Configuration Management using vCenter Compute	com.hp.csl.vmware.vcenter.jar com.hp.csl.ucmdb.jar com.hp.csl.sitescope.jar com.hp.csl.base.util.jar
OneView Topology Integration	com.hp.csl.oneview.jar
OpenStack Content	com.hp.csl.base.util.jar com.hp.csl.openstack.util.jar com.hp.csl.openstack.jar
OpenStack Topology	com.hp.csl.openstack.topology.jar
Providers Go Active	com.hp.csl.goactive.jar
Provision JBoss on vCenter Compute	com.hp.csl.base.util.jar com.hp.csl.middleware.util.jar com.hp.csl.vmware.vcenter.jar com.hp.csl.dma.jar com.hp.csl.sa.agentinstallation.jar
Provision VLAN using Network Automation	com.hp.csl.vmware.vcenter.jar com.hp.csl.na.jar

Use case	OO jar
	com.hp.csl.base.util.jar
SA Software Policies Deployment on vCenter Compute	com.hp.csl.vmware.vcenter.jar com.hp.csl.sa.agentinstallation.jar com.hp.csl.sa.softwarepolicies.jar com.hp.csl.base.util.jar
Service Manager Integration	com.hp.csl.sm.jar
vCenterTopology	com.hp.csl.base.util.jar com.hp.csl.sitescope.topology.jar com.hp.csl.vcenter.topology.jar
VMWare vCenter Compute	com.hp.csl.vmware.vcenter.jar com.hp.csl.base.util.jar
VPV Integration	com.hp.csl.vmware.vcenter.jar com.hp.csl.base.util.jar com.hp.csl.vpv.integration.jar
HPE-CODAR	CSA-HPOO-cp-4.50.0000.jar CODAR-cp-1.60.0000.jar EXISTING-INFRASTRUCTURE-WINDOWS-cp-1.50.0000.jar
Helion Development Platform	oo10-csa-hdp-cp-1.60.0000.jar
Docker	CSA-Docker-CP-4.20.0000.jar

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