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Enterprise

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Content at a Glance Guide

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Introduction

This guide 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 capsule 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 (<https://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/product/cloud-service-automation-csa/content>

Note: Download the CSA Content SDK to build your own capsules from <https://hpln.hpe.com/contentoffering/hpe-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.

Installing Content Capsule

For CSA 4.7 users, content capsule can be consumed and deployed in two distinct ways:

Using Content Store

Go to Content Store tile from the Cloud Service Management Console as an administrator. After configuring the access to public HPE Live Network content store, you can browse, search, filter and deploy the content capsules automatically. See CSA Administrative Guide from [HPE Software Support](#) for more information.

Using the Capsule Installer

Download the latest Capsule Installer (Installer and Content Installer Guide) from <https://hpln.hpe.com/contentoffering/hpe-csa-content-installer>.

Make sure you use the appropriate version of Capsule Installer for corresponding CSA environment as mentioned below:

Version of CSA Environment	Version of Capsule Installer
4.7	4.7
4.5 and 4.6	4.6

To install contents, run HPE CSA Cloud Content Installer manually in GUI mode or Silent mode. See **Content Installation Guide** for details.

To verify if the Capsule Installer downloaded from HPE Live Network is the latest available version, perform any of the below mentioned steps:

- Execute the installer from the command line with the `-version` as input. If the installer fails to handle this command-line argument flag properly, then the version you have downloaded is not the latest.
- View the title bar for the installer to display the current version of the installer.
- Open the help screen with `-?` or `-h` or `-help` for available options to be executed using this installer.

After installing and verifying the installer, continue with the configuration steps in this document.

Note: For CSA 4.6 or earlier, the content capsules are deployed using Capsule Installer only.

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	4.70.0000 CSA-INTEGRATIONS - 4.70.0000 is located at <CSA_HOME>\CSAKit-4.7\OO Flow Content\10X CSA-CONFIG - 4.10.0000 is located at <CSA_HOME>\Tools\ComponentTool\contentpacks
HPE Codar	1.5 or later	1.70
HPE Operations Orchestration	10.22 or later	oo 10.60 with the following HPE Operations Orchestration 10 Standard Content packs: oo10-base-cp -1.8.0 oo10-cloud-cp -1.8.2 oo10-hpe-solutions-cp -1.8.2 oo10-virtualization-cp -1.8.0 oo10-sa-cp -1.2.2 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/product/operations-orchestration/content

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

For information about topology and sequenced service designs, see [HPE Cloud Service Automation Concepts Guide](#)

Content Marketplace

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

Content Capsule Listing	Applicability	HPE LN Web-link	Model
Capsule Amazon EC2 Topology	CSA & Codar	Go	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 Go Active	CSA	Go	Sequence
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 OpsAnalytics	CSA	Go	Sequence
Capsule Microsoft Azure	CSA	Go	Sequence
Capsule Microsoft SCVMM Compute	CSA	Go	Sequence
Capsule OpenStack Sequential	CSA	Go	Sequence
Capsule OpenStack Topology	CSA & Codar	Go	Topology
Capsule OMi Monitoring Automation	CSA	Go	Sequence
Capsule VMware vCenter - Sequence	CSA	Go	Sequence
Capsule VMware vCenter - Sequence with Enhanced Properties	CSA	Go	Sequence

Capsule VMware vCenter - Topology	CSA & Codar	Go	Topology
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The below table helps you navigate to the content capsule documents of Codar uploaded in the HPE Live Network portal.

Content Capsule Listing	Applicability	HPE LN Web-link	Model
Capsule Docker - Topology	CSA & Codar	Go	Topology
Capsule Docker Cloud	CSA & Codar	Go	Topology
Capsule Docker UCP	CSA & Codar	Go	Topology
Capsule HPE-Codar	Codar	Go	Topology
Capsule Stackato	CSA & Codar	Go	Topology
Capsule Mesosphere DCOS	CSA & Codar	Go	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
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
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 VLAN using Network Automation	com.hp.csl.vmware.vcenter.jar com.hp.csl.na.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

Use case	OO 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
Stackato	stackato-2.00.0000.jar
Docker	CSA-Docker-CP-1.7.0.jar docker-ucp-data-center docker-ucp-data-center-1.0.0.jar

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Feedback on Content at a Glance Guide (CSA/Codar 4.7/1.7)

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