HP Cloud Service Automation

Solution and Software Support Matrix

Version: 3.01

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Introduction

This document provides an overview of the solution setup requirements for HP Software Cloud Service Automation (HP CSA) Version 3.01.

HP CSA 3.01 Integration Pack

HP CSA is shipped with pre-developed service designs and resource offerings that can be customized for your use. You can import and export this integrated "content" developed for specific HP CSA applications, and adapt it to your business needs.

The out-of-the-box integrations shipped with this version of HP CSA are stored in a library folder on the HP CSA media. You can also download integrations at the HP Live Network website: https://www.www2.hp.com/ Access to this site is restricted. HP customers must have an active HP support agreement ID (SAID) for HP Cloud Service Automation and an HP Passport sign-in to access the data on this site. For more sample services designs and sample resource offerings, see your HP Professional Services Representative.

Solution Documentation

The HP Software Product Manuals website is located at http://h20230.www2.hp.com/selfsolve/manuals

- o General-access documentation requires that you register for an HP Passport and sign in.
- o Restricted-access documentation requires that you have an active HP support agreement ID (SAID) and an HP Passport sign-in.

For more information or to track updates for all HP CSA documentation, refer to the *HP Cloud Service Automation Documentation List*. Documentation currently available is shown in the table below.

Document	Purpose	Restricted Access?
HP Software Cloud Service Automation Concepts Guide	An overview of the HP CSA solution.	No, HP Passport sign-in
HP Software Cloud Service Automation Documentation List	Lists all current documentation and white papers available with each release.	No, HP Passport sign-in
HP Software Cloud Service Automation Solution and Software Support Matrix	Current document.	Yes, SAID required
HP Software Cloud Service Automation Release Notes	Important pre-installation information.	Yes, SAID required
HP Software Cloud Service Automation Installation and Configuration Guide	Detailed solution deployment instructions presented in an interactive format.	Yes, SAID required
HP Software Cloud Service Automation Management Console Help	How to design and publish services for the cloud, how to manage the resources for deploying those services, and how to administer HP CSA.	Yes, SAID required
HP Software Cloud Subscriber Portal Help	How to create, modify, delete, and approve requests for subscription to cloud-services.	Yes, SAID required
HP Software Cloud Service Automation Troubleshooting Guide	Suggested solutions for solving problems with setup, configuration, customization, and use of HP CSA.	Yes, SAID required
HP Cloud Service Automation Integration Pack white paper	How to use sample content (service designs and resource offerings) that ship with HP CSA.	Yes, SAID required
HP Operations Orchestration Integration with HP Cloud Service Automation	How to use the HP Operations Orchestration (HP OO) workflows that ship with CSA.	Yes, SAID required
HP Cloud Service Automation Open Source and Third-Party Software License Agreements	Open Source and Third-Party Software License Agreements that ship with HP CSA.	No, HP Passport sign-in

Solution Software Components

To successfully deploy the HP Cloud Service Automation solution, install the software shown in the table below. Go to the *HP Cloud Service Automation Installation and Configuration Guide* for a complete list of installation requirements and prerequisites, plus step-by-step instructions.

IMPORTANT: Support for HP CSA 3.01 is aligned to provide support for integrated solution component software. For the performance and stability of the HP CSA environment, it is very important to meet the **minimum recommendations** for memory, processors, and disk space for each of the components in the table below. Before installation, please reference the appropriate platform support matrix for each component product.

Package	Supported Platforms	For more information…
CSA 3.00 Foundation		
- HP CSA Cloud Subscriber Portal (service catalog interface) - HP CSA *Cloud Service Management Console* (administrative and operational control interface) - HP CSA Cloud Controller (core solution software) - HP CSA Cloud Platform	Windows 2008 R2 Service Pack 1 Enterprise Edition and Standard Edition	HP Software Product Manuals
- HP Universal CMDB 9.05 – 9.0x	HP Universal CMDB Support Matrices	
Integrated Solution Components		

HP Operations Orchestration (HP OO) Platform 9.00 and HP OO Studio 9.00.00
 	
- HP Operations Orchestration 09.03.0001 or HP Operations Orchestration 09.05.000
 	
- HP Operations Orchestration Content Pack 8 (CP8)
 	
- HP Operations Orchestration Content Pack 9.00.06 JPN, if installed on a Japanese language system
 	
- HP Server Automation Content for HP Operations Orchestration 9.00.06
 	
- The following hotfixes must be applied to HP Operations Orchestration for HP CSA to function as expected:
 	
   o HF_147063 (HTTPS Hotfix)
 	
   o HF_144013 (XML Hotfix)
 	
   o OO-SA 9.00.06 Cumulative ADM Hotfix
 	
IMPORTANT:
- HP OO 09.03.0001 is a replacement for OO 9.03 patch. If 9.03 is installed already, uninstall OO 9.03 and install OO 09.03.0001 Patch.
- To avoid a data loss issue during the upgrade from OO 9.03.0001 to OO 9.05, make sure the OO installed drive has sufficient disk space before upgrading to OO 9.05.
	HP Operations Orchestration 9.00 System Requirements	HP Software Product Manuals
		
		HP Operations Orchestration Software
		
		HP Operations Orchestration Hotfix HF_147063
		
		HP Operations Orchestration Hotfix HF_144013
		
		HP Operations Orchestration Hotfix QCCR1D147009 (HP ADM)

HP Matrix Operating Environment (Matrix OE) - Matrix OE 7.00 and Matrix OE 7.10, including all minor-minor versions higher	HP Insight Software Support Matrix	HP Insight Management (Matrix OE) website HP CloudSystem Matrix
HP Server Automation 9.1x NOTE: The database and middleware content that is supported with HP CSA 3.01 requires that HP Database and Middleware Automation (HP DMA) Content Pack 9.14 is installed with HP Server Automation. HP SA 9.13 is required to support HP DMA Content Pack 9.14.	HP Server Automation 9.13 Support and Compatibility Matrix	HP Software Product Manuals
HP SiteScope 11.1x	HP SiteScope 11.12 Support Matrix	HP Software Product Manuals
Adobe Flash Player 11.1 or minor version higher	All supported browsers	Flash Player Development Center
Additional Datacenter Virtualization Software		
VMware vSphere™ Server 4.x and 5.x	VMware Virtualization Software	
NOTE: HP CSA 3.01 leverages the following features in VMware vCenter: - Applying a customization specification when cloning a template - Using a customization specification For more information about VMware vCenter features, go to the VMware knowledge base		

Application Server Requirements

- JBoss Application Server 7 Community Edition (http://www.jboss.org/jbossas)
- Java Development Kit 7

Database Support

- Oracle 11gR2 Enterprise Standalone
- Oracle 11gR2 Enterprise RAC
- Microsoft SQL Server 2008 SP3 (Standard or Enterprise editions)
- Microsoft SQL Server 2008 R2 SP1 (Standard or Enterprise editions)

Browser Support

The following browsers are supported for HP CSA 3.01:

- Mozilla Firefox 7.xx*
- Google Chrome 14.xx*
- Microsoft® Internet Explorer 8 or higher*
  * Requires a supported version of the Adobe Flash Player plug-in (listed above).
  * Requires http://support.microsoft.com/kb/2496898 to be installed in browser machine for displaying the Indian currency sign in the proper format.

Browser Screen Resolution

The following browser screen resolutions are recommended for HP CSA 3.01:

- HP CSA Cloud Subscriber Portal: minimum browser resolution of 1024x768 or above
- HP CSA Cloud Service Management console: minimum browser resolution of 1280x1024

Minimum System Requirements

Minimum system requirements for installing an HP CSA application server are shown below.

HP CSA Application Server	
CPU	4 - 6 CPU, 3.0 Ghz
RAM	4 -6 GB (2 GB JVM heap)
Hard Drive	~ 10 GB (increases depending on the amount of log activity)

Minimum system requirements for installing an HP CSA database server are shown below:

HP CSA Database Server	
CPU	4 CPU , 3.0 Ghz
RAM	8 GB
Hard Drive	~ 20 GB

Notes

- Based on expected system workload.
- Along with the above capacity provide extra system resource capacity for operating system (OS) demand.

Upgrades from Previous Releases

HP CSA Release 2.01	Contact the HP Professional Services Organization (HP PSO) for migration information.

Reference Websites

HP Software Self Solve (SSO) Patches	Go here to download the **09.05.0000** patch for HP Operations Orchestration. Go here to download the **09.03.0001** patch for HP Operations Orchestration.
HP Live Network	**HP CSA** – Go to HP Live Network for downloadable content for HP CSA (provided in addition to out-of-box content shipped with the HP CSA media). **HP Operations Orchestration** – Go to HP Live Network to find HP SA Content Patches for HP OO or to find the 9.00.06 Content Installer: 1. Click the **All Content** tab. 2. In the **Product** field, select **Operations Orchestration**. 3. Select **Operations Orchestration Content for Server Automation**. 4. Click **Content** and select **SA Content for OO 9.00**. 5. Select **SA 9.00.xx Content for OO 9.00** (where xx is the number of the content pack).

For More Information

To access other toolkits to design and extend cloud services running on HP CloudSystem, go to
http://www.hp.com/go/csdevelopers

For more information on HP CloudSystem, visit http://www.hp.com/go/cloudsystem

HP software product manuals and documentation for the following products can be found at
http://h20230.www2.hp.com/selfsolve/manuals You will need an HP Passport to sign in and gain access.

To help us improve our documents, please send feedback to csaDocs@hp.com

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