



VCS Location Service Release Notes

Versions 4.1.0 thru 4.1.4

First Published: September 1, 2014

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Introduction

This release addresses various bug fixes for the installation and upgrade process, plus new features for integration with the UI, for Software Versions 4.1.0 thru 4.1.4. Note that there was no Software Version 4.1.3 released.

System Requirements

Requirement	Minimum	Recommend	Comments
Operating System	CentOS 6.x Red Hat Enterprise 6.x	CentOS 6.7 RHEL 6.7	
Processors	2 x 2.0 GHz	4 x 2.4 GHz	
Server RAM	10 GB	12 GB	These values can be reduced, by half, if support for swapping the data sets on a running system is not needed. In this case, the JVM option defaults can also be reduced.
JVM Heap Size	8 GB	8 GB	These values can be reduced to 4 and 6 GB respectively, if using a smaller VM and no data swapping is required. See Configuration --> Java Options for details on overriding.

Software RPMS

The following software rpms are used in these releases:

Version 4.1.4

- `lcs-standalone-4.1.4-1.noarch.rpm` (depends on `jdk-1.7.0_91-fcs-x86_64.rpm`)
- `lcs-data-4.1.4-1.noarch.rpm` (depends on `lcs-standalone-4.1.2-1.noarch.rpm`)
- `LocationServiceUI-4.0.0-1.noarch.rpm` (depends on `CSCOlabcerts-1.0.0-1.rpm` and `jboss-eap-6.4.0-1.rpm`)

Version 4.1.1/4.1.2

- `lcs-standalone-4.1.2-1.noarch.rpm` (depends on `jdk-1.7.0_91-fcs-x86_64.rpm`)
- `lcs-data-4.1.2-1.noarch.rpm` (depends on `lcs-standalone-4.1.2-1.noarch.rpm`)
- `LocationServiceUI-4.0.0-1.noarch.rpm` (depends on `CSCOlabcerts-1.0.0-1.rpm` and `jboss-eap-6.4.0-1.rpm`)

Version 4.1.0

- `lcs-standalone-4.1.0-1.noarch.rpm` (depends on `jdk-1.7.0_91-fcs-x86_64.rpm`)
- `lcs-data-4.1.0-1.noarch.rpm` (depends on `lcs-standalone-4.1.2-1.noarch.rpm`)
- `LocationServiceUI-4.0.0-1.noarch.rpm` (depends on `CSCOlabcerts-1.0.0-1.rpm` and `jboss-eap-6.4.0-1.rpm`)

New and Changed Features

The following are the feature changes by release.

Version 4.1.4

- [US110512](#): Add Heat template repo to GitHub, provide template for LCS UI
- [US111653](#): Update LCS to use SD API 2.x
- [CSCvbo9895](#): Location Service Installation does not confirm to IH Standards
- [CSCvb04138](#): Update lcs ui to use latest SD API 2.0.6
- [CSCva59972](#): Location Service does not register port no with Service Directory

Version 4.1.1/4.1.2

- [US70443](#): Create RBAC configuration for Pluggable WUI component.
- [US70445](#): Create Application as pluggable WUI component.
- [US70446](#): Create UI WEBAPP Project.
- [US100380](#): Determine workflow and create processes to automate data collection and rpm build.
- [US100383](#): Document process and steps to retrieve data rpm.
- [US103331](#): Remove config option for includeIsp.
- [US103333](#): Add URL for getting detailed server information.
- [US102391](#): Enable ISP API access by default and provide configuration switch to enable anonymizer api access.
- [US102413](#): Validate LCS dashboard in UI, provide and confirm health check, and version features.
- [US110987](#): Check the Java Version during RPM install.
- [US111653](#): Update LCS to use SD API 2.x.
- [US111669](#): Make standalone a dependency of the data RPM.
- [DE18362](#): LCS Uninstall does not remove Audit rules.
- [DE18412](#): RPM upgrade and remove scripts do not account for existing versions.

Version 4.1.0

- [US93945](#) : Make HTTPS Configuration CSDL Compliant
- [US93946](#) : Remove unnecessary jars from the LCS lib directory
- [US89549](#) : Update Data files to latest version before release
- [US94521](#) : Update the Service Directory Client to the latest version
- [US95429](#) : Remove vulnerabilities found in latest scans
- [US96165](#) : Update commons-collections4 to version 4.1
- [US95427](#) : Enhance Anonymous Status to be its own XML Element
- [US95428](#) : Report IP Ranges for fields from MaxMind supplemental DBs
- [US101054](#) : Update dependencies based on appCheck results
- [US101190](#) : Update data files before next release

Changes in Behavior

N/A

Scalability Improvements

N/A

Related Documentation

<https://wiki.cisco.com/display/VCBURD/VCS+Location+Service+Release+Timeline+and+Notes>

Installation, Configuration, and Upgrade Notes

<https://wiki.cisco.com/display/VCBURD/VCS+Location+Service+-+Installation+and+Configuration+Guide>

<https://wiki.cisco.com/display/VCBURD/VCS+Location+Service+UI+User+Guide>

Upgrade Paths

Install new RPMs by following the provided instructions.

Open and Resolved Bugs The open and resolved bugs for this release are accessible through the [Cisco Bug Search Tool](#). This Web-based tool provides you with access to the Cisco bug tracking system, which maintains information about bugs and vulnerabilities in this product and other Cisco hardware and software products.

Note: You must have a Cisco.com account to log in and access the Cisco Bug Search Tool. If you do not have one, you can [register for an account](#).

For more information about the Cisco Bug Search Tool, see the [Bug Search Tool Help & FAQ](#).

Open Bugs

All open bugs for this release are available in the [Cisco Bug Search Tool](#) through the [open bug search](#).

In the 4.1.0 thru 4.1.4 versions of software there are NO OPEN bugs, as the main purpose was to complete CSDL compliance.

Resolved Bugs for This Release

All resolved bugs for this release are available in the [Cisco Bug Search Tool](#) through the [fixed bug search](#).

The following bugs have been fixed in this release:

Version 4.1.4

- CSCva59972 – Location Service does not register port number with Service Directory.
- CSCvb04138 – Update lcs ui to use latest SD API 2.0.6.

Version 4.1.1/4.1.2

- CSCva18799 – Add Java Version check during RPM installation.
- CSCva18905 – RPM Upgrade and Remove Process Does Not Work as Expected.
- CSCva35832 – Regions Data Provider Does Not Account for Invalid Lines in Source Data.

Version 4.1.0

There are NO RESOLVED bugs for this release, as its purpose was to complete CSDL compliance.

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/c/en/us/td/docs/general/whatsnew/whatsnew.html>.

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