



Patch Readme - Linux

HP Codar

Software version: HP Codar 1.50.0001 Patch

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Introduction

This document provides patch installation instructions for HP Codar 01.50.0001 on Linux environments and describes the changes that were made to HP Codar version 1.50 in this update. The cumulative patch will update HP Codar to 01.50.0001.

This software patch applies to HP Codar version 01.50.0000 and is intended to improve the overall performance of HP Codar 1.50.

In this document, \$CSA_HOME refers to the directory in which HP Codar is installed.

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Fixed issues

The following table describes the fixed issues available in this patch.

Table 1. Fixed Issues

Change Request	Description of fixed issue
207709	When a deployment window was opened from the Deployments tab, the title of the window was Test Run.
207894	While searching for a user who does not exist in LDAP, an internal server error message was displayed.
208084	The internal term “container” was displayed in the HP Codar UI.
208621	Internal images were displayed in the By Users and Groups view.
208695	Listing based property type values were not listed on the Configure tab but worked on the Test Run tab.
208688	Selecting all the available packages and deleting them as a developer or QA or Release Manager did not work.
208765	Access control did not permit a user to be added if the login name did not match the user’s first name and last name.
208951	When performing a scale out operation for partial design that contains modifiable properties, an error message was displayed.
209332	After upgrading to the HP Codar 1.50.0001 patch, the HP Codar services did not start.
209329	In the HP Codar 1.50.0001 patch, the search service was not prompted to be stopped.
209333	After upgrading to the HP Codar 1.50.0001 patch, the patch version number was not displayed in the login page.
209328	In the Codar Patch Environment Selection window of the HP Codar 1.50.0001 patch installer, the build number was missing.
209324	The HP Codar 1.50.0001 patch installer warning page has HP Cloud Service Automation (CSA) branding information.

Change Request	Description of fixed issue
209327	The HP Codar 1.50.0001 patch installer did not detect existing instance version and build number details.
209320	The HP Codar 1.50.0001 patch installer contains CSA branding in the CSA setup page.
209369	The HP Codar 1.50.0001 patch installer displayed MarketPlace Portal input even though HP Codar does not support MarketPlace Portal.
209516	An LDAP user could not be added. The following error message was displayed: Unable to create user: A user could not be found in the configured LDAP directory with a user name of "".
210160	The value of the redeploy and modifiable properties were not visible in the redeployment wizard.
210498	HP Codar was unable to access application designs in the PLM tile.
210566	The HP Codar 1.50.0001 patch installer on Linux contained CSA branding in the Select Environment screen.
210568	An error message was displayed while creating a package.
210670	An internal error occurred while deploying a package.
210727	The HP Codar Configuration Guide was missing a note about the codarintegration user being added to LDAP.
211013	An error occurred when listing designs or providers.
211115	The HP Codar 1.50.0001 patch installer on Linux prompted you to set the Codar_HOME environment variable although it required CSA_HOME.

Known issues

The following table describes the remaining known issues in this patch.

Table 2. Known Issues

Change Request	Description of known issue
211164	An unknown error occurs while accessing the topology component.

Downloading and installing the patch

Pre-installation requirements

Before installing the patch...

1. Review all instructions in this document.
2. Review the Hewlett-Packard Support Line User Guide or your Hewlett-Packard support terms and conditions for precautions, scope of license, restrictions, and limitations of liability and warranties.
3. Make sure that your system meets the following minimum requirements:
 - a. Minimum hardware:
 - i. CPU: 4 CPU, 3.0 GHz
 - ii. RAM: 8 GB
 - iii. Hard Drive: 20 GB
 - b. Operating system:

For supported operating systems details, see HP Codar 1.50 Support Matrix available at: <https://softwaresupport.hp.com/group/softwaresupport/search-result/-/facetsearch/document/KM01721797>
 - c. Software:

Version 1.50.0000 of HP Codar
4. Back up the HP Codar environment.
5. Make sure that new subscriptions are not being created and that existing subscriptions are not being modified when this patch installer is being applied.

Important: Failing to do this can leave HP Codar in an unstable state and the patch application can fail.

- a. Sign out of all open instances of the HP Codar Console.
- b. Stop the HP Codar, HP Marketplace Portal, HP Search, and Elasticsearch services.

Important: For clustered HP Codar servers, stop the services on all nodes.

Installing the patch on standalone HP Codar servers

To install the patch in a standalone configuration:

1. Complete prerequisite steps described under [Pre-installation requirements](#).
2. Download the HP Codar patch file.
3. Extract the `HP_Codar_Patch_01.50.0001.bin` file from the patch tar file.
4. Verify that `HP_Codar_Patch_01.50.0001.bin` is owned by the 'codaruser' user and that codaruser has full permissions to the file. If necessary, do the following:
 - a. Log in as the root user and enter the following commands:

```
chown codaruser:csagrp HP_Codar_Patch_01.50.0001.bin
chmod u+rwx HP_Codar_Patch_01.50.0001.bin
```
 - b. Log out as the root user.
5. Log in as codaruser and run `HP_Codar_Patch_01.50.0001.bin` to open the console mode of the HP Codar Patch Installer.

6. Enter `./HP_Codar_Patch_01.50.0001.bin` to initiate the patch installer.
7. Acknowledge information screens and warnings:
 - a. Read the introduction and click **Enter**.
 - b. Read warnings to stop services and comply with instructions before proceeding to the next step. To acknowledge you have completed the required pre-requisites, click **Enter**.
8. Select **Standalone** as the HP Codar environment option, and click **Enter**.
9. Review the pre-installation summary and click **Enter** to run the complete patch installation.
10. After the installation completes, click **Enter** to exit.
11. Verify the installation and restart services as instructed below under [Verifying the installation](#).

Installing the patch on clustered HP Codar servers

To install the patch in a clustered environment, perform these steps on all nodes of the HP Codar cluster:

1. Complete prerequisite steps described under [Pre-installation requirements](#).
2. Download the patch file.
3. Extract the `HP_Codar_Patch_01.50.0001.bin` file from the patch tar file.
4. Verify that `HP_Codar_Patch_01.50.0001.bin` is owned by the 'codaruser' user and that codaruser has full permissions to the file. If necessary, do the following:
 - a. Log in as the root user and enter the following commands:


```
chown codaruser:csagrp HP_Codar_Patch_01.50.0001.bin chmod u+rwX HP_Codar_Patch_01.50.0001.bin
```
 - b. Log out as the root user.
5. Log in as codaruser and run `HP_Codar_Patch_01.50.0001.bin` to open the console mode of the HP Codar Patch Installer.
6. Enter `./HP_Codar_Patch_01.50.0001.bin` to initiate the patch installer.
7. Acknowledge information screens and warnings:
 - a. Read the introduction and click **Enter**.
 - b. Read warnings to stop services and comply with instructions before proceeding to the next step. To acknowledge you have completed the required pre-requisites, click **Enter**.
8. Select **Cluster** as the HP Codar environment option, and click **Enter**.
9. Review the pre-installation summary and click **Enter** to run the complete patch installation.
10. After the installation completes, click **Enter** to exit.
11. Verify the installation and restart services as instructed below under [Verifying the installation](#).

Verifying the installation

The verification steps apply to both standalone and clustered environments. For clustered environments, complete these steps on each node after completing the installation on each node.

1. Verify the logs for any errors under `$_CSA_HOME/_Codar_1_50_1_installation/Logs`
The log files include:
 - `codar_install.log`
 - `codar_InstallPatch.log`
 - `msvc_*.log`

- `upgrade_idm.log`
 - `upgrade_search_service.log`
2. Ensure that the browser cache is cleared.
 3. Verify that the HP Codar, HP Search, and Elasticsearch services are running.

For Linux, after the patch installation is complete, start the services manually.

Important: In a clustered environment, make sure the services are started on all nodes.

4. Launch the Cloud Service Management Console, log in, and then check for the updated version.

Note: If there are errors in the log files, create a backup of the log files, restore the backup of the `CSA_HOME` directory, and contact HP Support.

Uninstalling the patch

Preparing for uninstallation

1. Backup the HP Codar environment.
2. Make sure that new subscriptions are not being created and that existing subscriptions are not being modified when this patch installer is being applied.

Important: Failing to do this can leave HP Codar in an unstable state and the patch uninstall can fail.

- a. Sign out of all open instances of the HP Codar Console.
- b. Stop the HP Codar and HP Marketplace Portal services. The HP Search and Elasticsearch services are stopped automatically.

Important: For clustered HP Codar servers, stop the services on all nodes.

Uninstalling the patch on standalone HP Codar servers

To uninstall the patch in a standalone configuration:

1. Complete prerequisite steps described under [Preparing for uninstallation](#).
2. Navigate to the `$CSA_HOME/_Codar_1_50_1_installation/Uninstaller` folder.
3. Run `./Uninstall HP Codar Patch` to start the console mode of the patch uninstaller.
4. Read the introduction and click **Enter**.
5. Read warnings to stop services and comply with instructions before proceeding to the next step. Verify you have completed the required pre-requisites.
6. Click **Enter** to run the patch uninstaller.
7. After the uninstallation completes, click **Enter** to exit.
8. Verify the uninstallation and restart services as instructed under [Verifying the uninstallation](#).

Uninstalling the patch on clustered HP Codar servers

To uninstall the patch in a clustered environment, perform these steps on all nodes of the HP Codar cluster:

1. Complete prerequisite steps described under [Preparing for uninstallation](#).
2. Navigate to the `$CSA_HOME/_Codar_01_50_1_installation/Uninstaller` folder.
3. Run `./Uninstall HP Codar Patch` to start the console mode of the patch uninstaller.
4. Read the introduction and click **Enter**.
5. Read warnings to stop services and comply with instructions before proceeding to the next step. To acknowledge you have completed the required pre-requisites.
6. Click **Enter** to run the patch uninstaller.
7. After the uninstallation completes, click **Enter** to exit.
8. Verify the uninstallation and restart services as instructed under [Verifying the uninstallation](#).

Verifying the uninstallation

The verification steps apply to both standalone and clustered environments. For clustered environments, complete these steps on each node after completing the uninstallation on each node.

1. Verify the logs for any errors under `$CSA_HOME/_Codar_1_50_1_installation/Logs`
The uninstall log files include:
 - `codar_install.log`
 - `codar_InstallPatch.log`
2. Ensure that the browser cache is cleared.
3. Verify the HP Codar, HP Search, and Elasticsearch services are running.
For Linux, after the patch installation is complete, start the services manually.

Important: In a clustered environment, make sure the services are started on all nodes.

HP Codar modified files

`$CSA_HOME` refers to the location where HP Codar is installed.

- `$CSA_HOME/elasticsearch-1.5.2/config/*.*`
- `$CSA_HOME/jboss-as/standalone/deployments/idm-service.war/*.*`
- `$CSA_HOME/jboss-as/standalone/deployments/csa.war/*.*`
- `$CSA_HOME/CSAKit-4.5/OO Flow Content/9X/CSA-4_10-ContentInstaller.jar`
- `$CSA_HOME/CSAKit-4.5/OO Flow Content/10X/`
 - `oo10-csa-cp-4.50.0000.jar`
 - `oo10-csa-integrations-cp-4.50.0000.jar`
- `$CSA_HOME/portal/*.*`
- `$CSA_HOME/Tools/ComponentTool/*.*`
- `$CSA_HOME/Tools/ContentArchiveTool/`

- CODAR_BP_EXISTING_WINDOWS_SERVER_COMPONENT_v1.50.00.zip
 - content-archive-tool.jar
- \$CSA_HOME/jboss-as/standalone/configuration
 - standalone.xml
 - standalone-full-ha.xml
- \$CSA_HOME/Tools/DBPurgeTool/db-purge-tool.jar
- \$CSA_HOME/Tools/PasswordUtil/PasswordUtil-standalone.jar
- \$CSA_HOME/ProcessDefinitionTool/process-defn-tool.jar
- \$CSA_HOME/Tools/ProviderTool/provider-tool.jar
- \$CSA_HOME/Tools/SchemaInstallationTool/*.*
- \$CSA_HOME/Tools/SupportTool/support-tool.jar
- \$CSA_HOME/csa-search-service/*.*

Though `csa.war` and portal folders are replaced by the patch, the customizable files mentioned in the below section are retained.

Any customizations on the following files are retained after the patch installation:

```

$CSA_HOME/jboss-as/standalone/deployments/csa.war/WEB-INF/classes/csa.properties
$CSA_HOME/jboss-as/standalone/deployments/csa.war/WEB-INF/applicationContext.xml
$CSA_HOME/jboss-as/standalone/deployments/csa.war/WEB-INF/hpssoConfiguration.xml
$CSA_HOME/jboss-as/standalone/deployments/csa.war/WEB-INF/web.xml
$CSA_HOME/jboss-as/standalone/deployments/csa.war/images/*
$CSA_HOME/jboss-as/standalone/deployments/csa.war/propertySources/*
$CSA_HOME/portal/node_modules/mpp-server/conf/mpp.json
$CSA_HOME/portal/node_modules/mpp-server/conf/.mpp_keystore
$CSA_HOME/portal/node_modules/mpp-server/conf/keyfile

```

Additional information

HP Software Support

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6. From the document view, click the file link to download it or view it online, depending on your browser.

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