



Patch Readme – Linux and Windows

Software version: Codar 1.60.0001 Patch 1

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Introduction

This document provides patch installation instructions for HPE Codar 1.60.0001 on Linux and Windows environments and describes the changes that were made to HPE Codar version 1.60 in this update. The cumulative patch will update HPE Codar to 1.60.0001.

This software patch applies to HPE Codar version 1.60.0000 and is intended to improve the overall performance of HPE Codar 1.60.

In this document, <CSA_HOME> refers to the directory in which HPE Codar is installed.

Fixed issues

The following table describes the fixed issues available in 1.60.0001 Patch 1.

Table 1. Fixed Issues

Change Request	Description of fixed issue
218855	"Promote Package" shows exception, if User Groups are added in the Design's Access Control.
218857	"Deploy" action fails for a partial design, if we specify shared instances in Microservices infra design.
219140	Under Approver action, the option "Wait Time for Automatic Rejection (in days)" must be in hours instead.
219235	Continuous Integration will not work if the designs has Access Control for Codar Integration Role
219618	Codar Jenkins Plugin does not work for Partial Designs; fails to pick the corresponding concrete design.
218595	Status of Redeploy action is not updated (Customer Defect).
219120	Unable to delete package that is without deployment.
217678	In Custom Action Parameter Mapping Dialog, constant value should have an option to encrypt.
219898	Unable to fetch the hostname value from realized topology component when the existing server component is used with micro service capability.

Downloading and installing the patch

Pre-installation requirements

Before installing the patch perform the below checks:

1. Review all instructions in this document.
2. 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 HPE Codar 1.60 Support Matrix available at:
<https://softwaresupport.hp.com/group/softwaresupport/search-result/-/facetsearch/document/KM01721797>
 - c. Software: Version 1.60.0000 of HPE Codar
3. **Windows:** Run the HPE Codar Patch Installer, the CSA_HOME environment variable has to be set for the remote MPP node, as follows:
C:\Program Files\Hewlett Packard Enterprise\CSA
4. Back up the HPE 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 HPE Codar in an unstable state and the patch application can fail.

- a. Sign out of all open instances of the HPE Codar Console.
- b. Stop the following HPE Codar services:
 - i. HPE Codar
 - ii. HPE Search
 - iii. Elasticsearch
 - iv. HPE Marketplace Portal

Installing the patch on standalone HPE Codar servers

To install the patch in a standalone configuration:

Linux:

1. Complete the prerequisite steps mentioned under [Pre-installation requirements](#).
2. Download the HPE Codar patch file.
3. Extract the HPE_CODAR_Patch_01.60.0001.bin file from the patch tar file.
4. Verify that HPE_CODAR_Patch_01.60.0001.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 HPE_CODAR_Patch_01.60.0001.bin
chmod u+rwx HPE_CODAR_Patch_01.60.0001.bin
```
 - b. Log out as the root user.
5. Log in as codaruser and enter ./HPE_CODAR_Patch_01.60.0001.bin to open the console mode of the HPE Codar Patch Installer.
6. 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**.
7. Select **Standalone** as the HPE Codar environment option, and click **Enter**.
8. Enter the password for database user.
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](#).

Windows:

1. Complete the prerequisite steps mentioned under [Pre-installation requirements](#).
2. Download the HPE Codar patch file.
3. Extract the HPE_CODAR_Patch_01.60.0001.exe file from the patch zip file.
4. Execute HPE_CODAR_Patch_01.60.0001.exe to open the HPE Codar Patch Installation wizard.
5. Click **Next** to open the Codar Environment Selection wizard.
6. Select **Standalone** for the HPE Codar installation and click **Next**.
7. Click **Install** to run the complete patch installation.
8. When prompted, click **Done** to exit the installation.
9. Verify the installation and restart services as instructed below under [Verifying the installation](#).

Installing the patch on clustered HPE Codar servers

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

Linux:

1. Complete the prerequisite steps mentioned under [Pre-installation requirements](#).
2. Download the HPE Codar patch file.
3. Extract the HPE_CODAR_Patch_01.60.0001.bin file from the patch tar file.
4. Verify that HPE_Codar_Patch_01.60.0001.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 HPE_CODAR_Patch_01.60.0001.bin
chmod u+rwx HPE_CODAR_Patch_01.60.0001.bin
```
 - b. Log out as the root user.
5. Log in as codaruser and enter ./HPE_CODAR_Patch_01.60.0001.bin to open the console mode of the HPE Codar Patch Installer.
6. 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**.
7. Select **Cluster** as the HPE Codar environment option, and click **Enter**.
8. Enter the password for database user.
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 start services as instructed below under, [Verifying the installation](#).

Windows:

1. Complete the prerequisite steps described under [Pre-installation requirements](#).
2. Download the patch file.
3. Extract the HPE_CODAR_Patch_01.60.0001.exe file from the patch zip file.
4. Execute HPE_CODAR_Patch_01.60.0001.exe to open the HPE Codar Patch Installation wizard.
5. Click **Next** to open the HPE Codar Environment Selection wizard.
6. Select **Cluster** for your HPE Codar installation and click **Next**.
7. Click **Install** to run the complete patch installation.
8. When prompted, click **Done** to exit the installation.
9. Verify the installation and start services as instructed below under, [Verifying the installation](#).

Verifying the installation

The verification steps are applicable for 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

Linux: \$CSA_HOME/_Codar_1_60_1_installation/Logs

The log files include:

- install.log
- csa_InstallPatch.log
- msvc_*.log
- upgrade_idm.log
- upgrade_search_service.log

Windows: <CSA_HOME>_Codar_1_60_1_installation\Logs

The log files include:

- `install.log`
 - `csa_InstallPatch.log`
2. Ensure that the browser cache is cleared.
 3. Verify if the HPE Codar, HPE Search, and Elasticsearch services are running.

Note: For Linux after the patch installation is complete, start the services manually. For Windows, the services should start automatically by the patch installer.

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

4. Launch the HPE Codar 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 HPE Support.

Uninstalling the patch

Note: Uninstallation of the patch will not revert the following changes made during patch installation:

Database indexing changes
Deployed HPE CSA OO content pack

Preparing for uninstallation

1. Back up the HPE 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 HPE Codar in an unstable state and the patch application can fail.

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

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

3. You can uninstall the patch in either of the following methods:
 - Using the Control Panel.
 - Using the Uninstall HPE Codar Patch wizard

Uninstalling the patch on standalone HPE Codar servers

Linux:

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_60_1_installation/Uninstaller` folder.
3. Run the command `./Uninstall HPE 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](#).

Windows:

You can uninstall the patch in a standalone environment using either of the following methods:

- Using the Control Panel
- Using the Uninstall HPE Codar Patch wizard

To uninstall the patch using the Control Panel:

1. Complete prerequisite steps described under [Preparing for uninstallation](#).
2. Navigate to Control Panel and choose **Uninstall a program**.
3. Select **HPE Codar Patch** and click **Uninstall**.
4. Follow the instructions on the uninstall wizard to uninstall the patch.
5. Verify the uninstallation and start services as instructed below under, [Verifying the uninstallation](#).

To uninstall the patch using the Uninstall HPE Codar Patch wizard:

1. Complete the prerequisite steps described under [Preparing for uninstallation](#).
2. Navigate to `<CSA_HOME>_Codar_1_60_1_installation\Uninstaller` folder.
3. Execute `Uninstall HPE Codar Patch.exe` to open the Uninstall HPE Codar Patch wizard.
4. Click **Uninstall** to uninstall the patch.

5. Click **Done** to exit from the uninstall wizard.
6. Verify the uninstallation and start services as instructed below under, [Verifying the uninstallation](#).

Uninstalling the patch on clustered HPE Codar servers

Linux:

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

1. Complete prerequisite steps described under [Preparing for uninstallation](#).
2. Navigate to the `$CSA_HOME/_Codar_01_60_1_installation/Uninstaller` folder.
3. Enter Run `./Uninstall HPE 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](#).

Windows:

You can uninstall the patch in a clustered environment using either of the following methods:

- Using the Control Panel
- Using the Uninstall HPE Codar Patch wizard

To uninstall the patch using the Control Panel, perform the following steps on each node of the cluster after stopping the services on all nodes of the HPE Codar cluster:

1. Complete prerequisite steps described under [Preparing for uninstallation](#).
2. Navigate to the Control Panel and choose **Uninstall a program**.
3. Select **HPE Codar Patch** and click **Uninstall**.
4. Follow the instructions in the uninstall wizard to uninstall the patch.
5. Verify the uninstallation and start services as instructed below under, [Verifying the uninstallation](#).

To uninstall the patch using the Uninstall HPE Codar Patch wizard, perform the following steps:

1. Complete prerequisite steps described under [Preparing for uninstallation](#).
2. Navigate to `<CSA_HOME>_Codar_1_60_1_installation\Uninstaller` folder.
3. Execute `Uninstall HPE Codar Patch.exe`. The Uninstall HPE Codar Patch wizard opens.
4. Click **Uninstall**. The patch is uninstalled.
5. Click **Done** to exit from the uninstall wizard.
6. Verify the uninstallation and start services as instructed below 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 uninstallation of each node.

1. Verify the logs for any errors under

Linux: `$CSA_HOME/_Codar_1_60_1_installation/Logs`

The uninstall log files include:

- `install.log`
- `csa_InstallPatch.log`

Windows: `<CSA_HOME>_Codar_1_60_1_installation\Logs`

The uninstall log files include:

- `install.log`
- `csa_InstallPatch.log`

2. Ensure that the browser cache is cleared.
3. Start the HPE Codar, HPE Search Service, and Elasticsearch services if they are not up and running.

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

HPE Codar modified files

<CSA_HOME>/jboss-as/standalone/deployments/csa.war/*
<CSA_HOME>/portal/*

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\hpsssoConfiguration.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

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