

# HP Universal CMDB & Configuration Manager

For the Windows, Red Hat Enterprise Linux, and Oracle Enterprise Linux operating systems

Software Version: 10.01 CUP 6

## Release Notes

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Software Release Date: September 2013



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# HP Universal CMDB & Configuration Manager Release Notes

Keep your system up to date with the most recent cumulative update package (CUP) for UCMDB 10.01. This package contains all of the UCMDB 10.01 hotfixes that have been released since the initial release of UCMDB 10.01 in December 2012.

## HP Universal CMDB and Configuration Manager 10.01 CUP6 Files/Components

HP UCMDB 10.01 CUP6 is packaged in one .zip file.

The **UCMDB\_00124.zip** (for Windows) includes the following files/components:

- **HPUCMDB\_Server\_10.01.CUP6.exe.** The installation of the version 10.01 CUP6 HP UCMDB Server and Data Flow Probe for Windows.
- **HPCM\_10.01.CUP6.exe.** The installation of version 10.01 CUP6 HP UCMDB Configuration Manager for Windows.
- **ReleaseNotes.pdf** (this file)

The **UCMDB\_00125.zip** (for Linux) includes the following files/components:

- **HPUCMDB\_Server\_10.01.CUP6.bin.** The installation of the version 10.01 CUP6 HP UCMDB Server and Data Flow Probe for the Linux platform.
- **HPCM\_10.01.CUP6.bin.** The installation of version 10.01 CUP6 HP UCMDB Configuration Manager for the Linux platform.
- **ReleaseNotes.pdf** (this file)

## System Requirements

For a list of system requirements, see the **HP UCMDB Support Matrix** pdf. Check the most previous Release Notes for any additions or changes to the matrix.

If you are using an Oracle version that is prior to 10.2.0.5, you must apply the Oracle patch that fixes Oracle defect # 5866410. For details, go to the Oracle website and find the information regarding this defect number.

# Install 10.01 CUP6 on the HP Universal CMDB and Configuration Manager Servers

CUP Installation for both HP Universal CMDB and Configuration Manager is performed through an automated procedure using the installation wizard.

You can still install the Data Flow Probes separately by upgrading the Data Flow Probes using the UCMDB user interface. For details, see "[HP Universal CMDB & Configuration Manager Release Notes](#)" on the previous page.

The HP UCMDB 10.01 CUP6 can be installed only on top of an HP Universal CMDB version 10.01 that has been started at least once. The HP UCMDB CM 10.01 CUP6 can be installed only on top of HP UCMDB CM 10.01.

## Pre-requisites - UCMDB Server and Data Flow Probes

1. Extract **UCMDB\_00124.zip** (for Windows) or **UCMDB\_00125.zip** (for Linux) to a temporary directory.
2. Stop the HP Universal CMDB 10.01 server and the HP Universal CMDB Integration Service (if running) before starting the 10.01 CUP6 installation.

**Note:** If you have a High Availability configuration, the CUP must be installed on all the servers in the cluster, and prior to installation, you must stop all the servers in the cluster.

3. If you have received private patches for the Data Flow Probe, you must delete them before performing the upgrade. These steps for deleting a private patch must be followed whether you are upgrading the probes during the installation wizard, or if you upgrading the probes using the UCMDB user interface after installation is complete.
  - a. Stop the Data Flow Probe.
  - b. Delete all private patches that were installed on the system prior to this CUP by deleting the following directory:  
**\\hp\UCMDB\DataFlowProbe\classes directory**
  - c. Start up the version 10.01 Data Flow Probe.

## CUP Installation

You must first install the UCMDB CUP, start up the server, and then perform the Configuration Manager (CM) CUP installation.

1. For UCMDB: Double click the file **HPUCMDB\_Server\_10.01.CUP6.exe** (for Windows) or **HPUCMDB\_Server\_10.01.CUP6.bin** (for Linux) to open the HP Universal CMDB Server

CUP Installation Wizard.

For Configuration Manager: Double click the file **HPCM\_10.01.CUP6.exe** (for Windows) or **HPCM\_10.01.CUP6.bin** (for Linux) to open the HP Universal CMDB Configuration Manager CUP Installation Wizard.

2. While running the wizard:
  - In the Choose Install Folder screen, select the installation directory in which UCMDB/CM is already installed.
  - For UCMDB, in the Install Data Flow Probe CUP screen, select the following option:
    - **Automatically update Data Flow Probe with the new CUP version** to automatically update during this installation all the Data Flow Probes reporting to this UCMDB.
    - **Update the Data Flow Probe manually** to update the Data Flow Probes reporting to this UCMDB using the UCMDB user interface after completing the installation of this CUP on the UCMDB server. For details, see "[HP Universal CMDB & Configuration Manager Release Notes](#)" on page 4.
    - In the Required Actions screen, follow the instruction to ensure that the server is down.
3. Once the installation wizard for UCMDB is completed, start up the version 10.01 server per the instructions in the Deployment Guide for version 10.01. Go back to step 1 to install the CM CUP.

Once the CM CUP installation is completed, start up Configuration Manager version 10.01 per the instructions in the Deployment Guide for version 10.01.

## HP Universal CMDB 10.01 CUP6 Separate Data Flow Probe Installation

This procedure should be performed only if, when you ran the CUP installation wizard, you selected **Update the Data Flow Probes manually**.

To install the Data Flow Probe CUP upgrade using the UCMDB user interface, follow these steps.

1. If you have received private patches for the Data Flow Probe, perform the steps in the section "[HP Universal CMDB & Configuration Manager Release Notes](#)" on page 4.
2. In HP UCMDB, go to **Data Flow Management > Data Flow Probe Setup**, and click **Deploy Probe Upgrade**.
3. In the Deploy Probe Upgrade dialog box, navigate to the **<SERVER\_HOME>\content\probe\_patch\probe-patch-10.01.CUP6-windows/linux.zip** and click **OK**.

# HP Universal CMDB and CM 10.01 CUP6 Uninstall Procedure

When performing the uninstall procedure, this procedure must be performed for both the UCMDB Server and the Data Flow probes, as well as Configuration Manager.

1. Stop the HP Universal CMDB and Configuration Manager servers, and all running Data Flow Probes before uninstalling the version CUP.
2. For UCMDB: Double click **uninstall.bat** (for Windows) or **uninstall.sh** (for Linux) in the **<UCMDBServer>\UninstallerCUP** folder. The .bat/.sh file checks if the UCMDB Server or the Integrations Service are running. If either one is running, the .bat/.sh prints a warning message and does not start the uninstall process. If neither is running, the .bat/.sh file begins running the uninstaller.
3. For Configuration Manager:
  - Windows: Go to **Start** menu > **Programs** > **HP Universal CMDB Configuration Manager 10.01** and double click **Uninstall HP Universal CMDB Configuration Manager 10.01 CUP6**.
  - Linux: Go to **<CM installation folder>/\_sp\_installation/** and run **HPCM\_10.01\_CUP6-Uninstall**.
4. Uninstall all existing Probes as follows:
  - a. **Start > All Programs > HP UCMDB > Uninstall Data Flow Probe.**
  - b. Undeploy the **probeUpdate** package.
5. Reinstall the Probes with the same configuration, that is, use the same Probe IDs, domain names, and server names as for the previous Probe installations. Remember that the Probe ID is case sensitive.

**Note:** After performing an upgrade and installing the new Data Flow Probe, all the Discovery jobs that were active before the upgrade are automatically run.

6. Start the UCMDB server and once it is up, start the CM server.

## Notes

- If you installed 10.01 CUP4 (and any subsequent CUPs) on top of 10.01 CUP2 or 10.01 CUP1 and you want to uninstall, you must perform the following steps before uninstalling 10.01 CUP4:
  - a. Open the UCMDB JMX Console.
  - b. Go to **URM Services > listResourceTypes**.
  - c. Delete the following URM resource: **Freemium\_FIRST\_IDS**.

- License expiration dates are now properly enforced on the UCMDB server and a license expiration alert will be on display in both the UCMDB User Interface and the UCMDB Configuration Manager (but not the UCMDB Browser) during the last 30 days of the license.

When a license expires, users are not able to access any user interface other than the JMX console. An administrator can use the JMX console to update the license. If CUP3 is applied to a UCMDB server where there is no Term or Perpetual license in place, the license mechanism will default to an HP Freemium license for UCMDB (12-month limited use).

- CUP2 includes updated documentation for UCMDB 10.01, including better navigation between topics and to the API documentation, integrated Inventory Discovery content, as well as other improvements.
- Prior to the installation of 10.01 CUP1 (fixed defect #81641), a CIT may have gotten corrupted and no instances of it could be created. This may have been caused by a change in the way the display label is calculated. The corrupted CIT may have been manually edited in the UI, deployed from a customized package, or imported.

After installing this CUP, this no longer happens but if the CIT is corrupted, it must be manually edited in the XML to change the **display\_label** as follows:

- a. In the URM services JMX, select **editResource** with resource id <type of the CIT> and resource type **CM\_CLASS**.
  - b. Edit the xml file to ensure:
    - There is only one **Attribute-Override** tag where the **name** property is **display\_label**.
    - In the tag: **Attribute-Override -> Attribute-Qualifiers -> Attribute-Qualifier -> Data-Items**, there must be only one Data-Item with the name of **FUNCTION** and one Data-Item with the name **PREFIX**.
  - c. Save the resource and restart the server.
- The following new check boxes are available in the Add Attributes dialog box in the CI Type Manager (in the UCMDB Browser Qualifiers tab):



- **Hide in Modeling.** When **CMS Browser Visible** is selected, select **Hide in Modeling** to prevent the attribute from appearing in the Lightweight Modeling component of the UCMDB Browser.
- **Hide in Export Search Results.** Select **Hide in Export Search Results** to enable this attribute to be excluded from exported search results in the UCMDB Browser.
- When upgrading the Data Flow Probe:
  - In a multi-customer environment, if the Data Flow Probe is not automatically upgraded to the latest CUP version, use the manual upgrade procedure to upgrade the Probe manually. For details on the manual upgrade procedure, see "[How to a Deploy Data Flow Probe CUP Manually](#)" in the *HP Universal CMDB Data Flow Management Guide*.
  - The automatic upgrade is not available for Data Flow Probes running on Linux. Use the manual upgrade procedure to upgrade the Probe manually. When the automatic upgrade runs on other Probes, it may begin to run for Probes running on Linux. In such a case, stop the upgrade and run the manual upgrade procedure.
  - The Data Flow Probe upgrade is only available for upgrades between CUP versions. When performing an upgrade to a major or minor release, you must reinstall the Probe.
- If you encounter an error when installing the CUP under Linux on the **/tmp** directory because the **/tmp** directory is configured not to run executables, set the IATEMPDIR environment variable to a location with sufficient permissions and disk space. The IATEMPDIR variable is recognized by InstallAnywhere.
- The UCMDB 9.x and UCMDB 10.x adapters have changed. After installing the CUP, manually redeploy the packages located in the **C:\hp\UCMDB\UCMDBServer\content\adapters** directory.

## Fixed Defects for UCMDB 10.01 CUP6

Here is a list of the defects fixed in the CUP6 release.

Global ID	Summary
QCCR1H85968	Improved the loading time for perspective-based views.
QCCR1H84468	Application recognition was updated to recognize the application taught.
QCCR1H87566	Fixed issue where changing the users password generated an error due to the default policy password.
QCCR1H86973	Fixed issue where comparing a saved snapshot of a perspective based view to the current view did not work.
QCCR1H87235	Improved the performance of importing IP ranges and updating IP tags in a Data Flow probe.

Global ID	Summary
QCCR1H87564	Fixed issue where an error was generated in the Application License Report when drilling down to view the application instances.
QCCR1H87282	Enrichment rules running on IP Address CIs are not updating existing attributes anymore.
QCCR1H87319	Empty properties of type double are no longer synchronized during integrations.
QCCR1H86248	Fixed issue where the CI Change report failed to load.
QCCR1H86792	Improved the time for opening models in Modeling Studio.
QCCR1H87245	The merge operations fuse(reconciliation.merge.operations.fuse ) was increased to 1500.
QCCR1H86349	The ModelChangesListener Java API now works in a multi-tenant environment.
QCCR1H84154	Optimized the data sent to the TQL statistics log.
QCCR1H86554	Fixed issue where compare snapshots for perspective based views returned incorrect results.
QCCR1H87261	CmdbAdapter time limit of the tql cache result will be taken from the adapter settings. It is done in the adapter's discovery pattern in the setting: "chunk.keeping.period.in.seconds"
QCCR1H86143	Fixed the issue where a TQL with a federated history query node failed to calculate when using the <b>Changed during x hours</b> operator.
QCCR1H86000	Improved the performance of opening TQLs in read mode.
QCCR1H86717	Improved the handling of the database connection by adding a timeout to the query validation.
QCCR1H87406	Fixed LOA mapping to assign a unique column for each attribute.
QCCR1H86081	uCMDB supports LW-SSO login authentication using a fully qualified domain name of up to 8 characters.
QCCR1H87357	Fixed issue where Data Flow probes got stuck when multiple threads tried to update the same resource at once.
QCCR1H87504	Added parallel loading of the security model at login to improve login time.
QCCR1H84879	Changed the child/parent attribute handling so that any link type contributes to the calculations.
QCCR1H87345	Fixed issue where the scheduled Discovery Errors Report did not generate properly.

Global ID	Summary
QCCR1H86774	Fixed issue where a discovery job would get stuck until adding a CI manually.
QCCR1H85589	Fixed issue where changes made to the report scheduler were not saved properly.
QCCR1H87393	Fixed issue where the Display Label attribute was translated into a localized language.
QCCR1H86249	If the UCMDB Server does not have any localized documentation deployed on the system, the English documentation will be loaded by default.
QCCR1H82058	Fixed issue where the Display label was not exported into CSV and XLS reports if another language was used.
QCCR1H87500	Report scheduler jobs are running properly even if the job is run manually by the user between scheduled runs.
QCCR1H87611	The Inventory activity of a Management Zone can now be edited and saved.
QCCR1H87289	Improved performance for updating Enrichment rules.
QCCR1H84953	Improved support for getting progress data for a large number of jobs simultaneously.
QCCR1H86609	Fixed issue where exporting a Sai.zip package produces files with 0 bytes.
<b>Configuration Manager Fixed Defects</b>	
QCCR1H87551	The CI information is loaded from the current data model if the information is missing from the History DB.

## Fixed Defects for UCMDB 10.01 CUP5

Here is a list of the defects fixed in the CUP5 release.

Global ID	Summary
QCCR1H85892	A new setting was introduced: <b>mam.common.map.XLSReportColumnSize</b> , whose value determines the size of the Excel columns.
QCCR1H85392	The <b>Enable links</b> setting in exported reports now works correctly.
QCCR1H85389	Tenant Association rules now run properly on business CIs.

Global ID	Summary
QCCR1H84799	Fixed the LOA mapping to map CI attributes to unique columns in the LOA table.
QCCR1H85292	Added more information in logs reporting on failures connected with calculated attributes.
QCCR1H85075	Modified the Data Container creation during multiple match identification to create all necessary CI types.
QCCR1H85850	A new setting was introduced: <b>cmdb.default.thread.pool.size</b> , whose value is used to increase the size of the thread pool.
QCCR1H85724	Improved Security Model calculation for large query or view trees for users with custom roles.
QCCR1H84878	Added High Availability information to the output of the <b>viewSystemInformation</b> JMX method.
QCCR1H85728	A new setting was introduced: <b>mam.gui.automation.flow.mapping.enabled</b> , whose value determines whether Automation Flow Mappings are enabled.
QCCR1H85725	Faster CRUD (Create/Read/Update/Delete) operations on views and TQLs for non-admin users.
QCCR1H84766	Added functionality to concatenate the root container link ID when it exceeds the maximum column length in the DB.
QCCR1H85528	Fixed issue where an integration job that returned results in chunks deleted some chunks from the probe cache.
QCCR1H85158	Export to Excel now displays the proper date format.
QCCR1H85394	All pending load or open resource requests are canceled when a user navigates to a different module.
QCCR1H84605	The Topology Visualization Grouping functionality in IT Universe Manager now uses the grouping selection from the View Properties whenever the user opens the View Preview.
QCCR1H85885	When installing UCMDB using Linux, the <b>DDMiMigration.pl</b> script is deployed on the Linux server.
QCCR1H85617	The Ownership Management module now opens without an error caused by Enrichment folders.
QCCR1H84700	Fixed issue where job progress and scheduled jobs were not displayed for any of the probes in the Data Flow Probe Status module.
QCCR1H85665	Fixed issue where Data Flow Probes were incorrectly displayed as disconnected from the UCMDB server.

## Fixed Defects for UCMDB 10.01 CUP4

Here is a list of the defects fixed in the CUP4 release.

Global ID	Summary
QCCR1H84020	Increased the timeout for the SQL that creates global IDs to 5 hours.
QCCR1H63602	Fixed filtering issue for the results displayed by "Show Element Instances".
QCCR1H82832	Modified the method of reading string values when using the WMI protocol to enable the job to finish successfully.
QCCR1H83756	Handle Remove Pending Events are now run in batch instead of individually.
QCCR1H84078	Added a new log file "cmdb.reconciliation.error.log".
QCCR1H84102	Added a new setting to search the batch size.
QCCR1H83837	CMDB data is no longer overwritten during a multiple match of CIs.
QCCR1H83578	Fixed the SQL typo in the create baseline for list attributes table.
QCCR1H83895	Improved the history baseline operation
QCCR1H83963	Improved the Reconciliation DataIn mechanism to handle the addStrict validation
QCCR1H84062	Enhanced the identification of the <b>process</b> CIT to handle the case efficiently.
QCCR1H64702	Reconciliation priorities which are below the default value (100) are now handled correctly.
QCCR1H84716	The Lists and Enumeration system types are no longer filled with duplicate values when loading the class model.
QCCR1H84739	Modified the identification pattern to include the identification data of the descendant CIs.
QCCR1H84355	When using the JMX console, methods no longer fail when using the JVM Monitor service.
QCCR1H83670	Fixed issue of the Probe status appearing as disconnected in the UI because of an incorrect probe status calculation.
QCCR1H82441	Fixed issue where the CIT icon does not change when triggered by an attribute value change.
QCCR1H83250	Fixed issue where the website failed to open when <b>Relationships</b> was selected for the URL parameter in the attached menu.
QCCR1H83317	Added a setting in the globalSetting.xml file to disable the Call Home feature.

Global ID	Summary
QCCR1H84536	The number of user attempts to log in to UCMDB using LDAP authentication using incorrect credential is now limited to 1.
QCCR1H84009	Fixed issue of users who were unable to edit Users and Groups details.

## Fixed Defects for UCMDB 10.01 CUP3

Here is a list of the defects fixed in the CUP3 release.

Global ID	Summary
QCCR1H83175	Added option to define exclusions per IP range in identification rules. Excluding problematic IP ranges improves discovery job performance.
QCCR1H83074	Added a fuse on the amount of merge operations for a single Data In bulk operation.
QCCR1H83215	Added a scroll bar for Impact Analysis in the Add/Edit Impact rule window.
QCCR1H83182	Improved CI merging mechanism.
QCCR1H83013	Fixed issue of Reconciliation Priorities cleanup upgrader timing out.
QCCR1H82694	Improved timeout to data-in operations.
QCCR1H82563	Fixed issues relating to hierarchy in Perspective-based views.
QCCR1H83069	Improved UI access time when multiple users are accessing UCMDB.
QCCR1H83119	Added option to use the editResource URM service to remove the Attribute-Override tag when the name property is display_label.
QCCR1H79516	Fixed issue where the filter for the Data Flow Probe Status did not work correctly.
<b>Configuration Manager Fixed Defects</b>	
QCCR1H82445	Fixed issue where node authorization did not work correctly.

## Fixed Defects for UCMDB 10.01 CUP2

Here is a list of the defects fixed in the CUP2 release.

Global ID	Summary
QCCR1H81556	UCMDB reports exported to Microsoft Excel format no longer have an alignment problem.

Global ID	Summary
QCCR1H82355	Loading of the folder view tree performance was improved by removing the creation of new enrichment business views from the folder manager to a dedicated utility.
QCCR1H81973	The Reconciliation Priority Manager is now working on both the writer and reader servers of the cluster in a high availability environment.
QCCR1H82358	When marking candidates for deletion, the date on which the CIs would be deleted is no longer postponed.
QCCR1H82060	Fixed the "SAXParser not found" error and Credentials and list of Probe Ranges are now visible in the user interface.
QCCR1H81819	Applications Signature deployment was improved.
QCCR1H82291	Selecting <b>Save as</b> for a Discovery job performs as expected for all jobs.
QCCR1H82120	Added more information to the log files for CUP installations.
QCCR1H81982	Fixed issue caused by refreshing the topology results tree.
QCCR1H82294	Optimized the time required to save changes to the protocols (credentials) used by Discovery when several probes are reporting to the server.
QCCR1H81648	Added more information in the WrapperProbeGateway log to display wrong values used for enumeration type.
QCCR1H82391	Creating and/or editing Probe ranges no longer fails.

## Fixed Defects for UCMDB 10.01 CUP1

Here is a list of the defects fixed in the CUP1 release.

Global ID	Summary
QCCR1H81124	Scanner Generator context-sensitive help links are now linking to the correct pages in the online help.
QCCR1H81097	Management Zone, Client Connection by Shell no longer sees Client IP address as Data Center IP and does not stop discovery.
QCCR1H81076	10.01 Identification rule description from CIT Manager was updated.
QCCR1H75515	It is no longer possible to uninstall a CUP while the UCMDB server is running.
QCCR1H81239	Improved Management Zone imports. Jobs xmls are now created properly.
QCCR1H80856	Fixed Oracle LMS Data collection issue if <b>expiry_date</b> from <b>DBA_USERS</b> is null.

Global ID	Summary
QCCR1H80867	Federation from non multi-tenancy to multi-tenancy environments works also for non-admin users.
QCCR1H81294	Improved the analysis process for adding/removing a large bulk of links.
QCCR1H80789	Added timeout to data-in operations with calculated <b>explicit timeout</b> .
QCCR1H81288	Improved UI error messages from Service Anywhere adapter.
QCCR1H81542	Enhanced Content Pack deployment to run data update.
QCCR1H81160	Improved warning messages logging for reconciliation logs.
QCCR1H81440	Fixed problem of push engine for failed statistics.
QCCR1H80871	In a multi-customer SaaS environment, each customer can now handle its own management zones.
QCCR1H80758	Improved adhoc tasks of the synchronization flow.
QCCR1H81199	System Type Manager list definitions can be deleted and no longer cause unidentified errors.
QCCR1H81255	Any error message coming from the Get All Models flow is displayed in the UI and also in the logs.
QCCR1H81578	Improved Pattern-based models scheduler.
QCCR1H80873	Improved the handling of multiple triggers for a single job at the same time.
QCCR1H81225	Template-based views now get the inter-layer property from the base template and inter-layer links are no longer displayed for the view if the property is disabled.
QCCR1H81641	CI Type default label property is saved properly in the URM. For handling CI Types that were corrupted prior to this fix, see " <a href="#">HP Universal CMDB &amp; Configuration Manager Release Notes</a> " on page 4.
<b>Configuration Manager Fixed Defects</b>	
QCCR1H81741	Fixed Configuration Manager UI startup issue caused by the UCMDB Browser.
QCCR1H75921	Views with long name are displayed properly in Add Composite CIs dialog box.