Unified Correlation Analyzer

Version 3.4
Release Notes

Edition 1.0

Hewlett Packard
Enterprise

Notices

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Preface

About this guide

These Release Notes describe critical information related to the HPE UCA EBC Server product.

Audience

This document is targeting UCA EBC Users as well as Value Pack Developers.

Document history

Table 1: Document history

Edition	Date	Description
0.1	24 November 2016	First version based on 3.4-SP2++
1.0 Draft A	22 February 2017	Version for external review

Chapter 1
Features and changes

The previous released version of UCA EBC was V3.3.

The features and changes that have been implemented since the delivery UCA EBC V3.3 are described in the following subsections.

1.1 New GUI

The GUI has been revamped to the HPE standard templates.

It brings a new filter builder for advanced tags edition and easier filter statements, where conditions can be encapsulated in a full hierarchy.

The `uca-expert-filter-tags.xml` file is deprecated (along with its schema)

1.2 Keeping configuration files across versions of value packs

When a Value Pack is undeployed, its configuration directory (`UCA_HOME/deploy/VP_NAME-VERS/conf`, *say F1)* is copied to the (`UCA_HOME/valuepacks/conf/VP_NAME`, *say F2)* folder.

When a new version of a Value Pack is deployed, the application will look up for its stored configuration in the F2 directory and replace all the newly deployed configuration files with the older versions.

The only exception id `ValuePackConfiguration.xml` that will be instead merged with the new version in the following way:

Scenarios (and other existing entities) will be kept as for the new version whilst *mediationFlows* and *dbFlows* will be replaced with the older versions.

1.3 Default value for mappers

This release brings a new mappers feature: the `<`**`noMatchValue`**`>` optional element. This element specifies the default string value to return when the mapper does find any match for the specified `<matcher>` expression, or when the `<fieldname>` is not found. In such a case, the value of the `<noMatchValue>` element is returned or an empty string if the `<noMatchValue>` element is not present. With previous versions of UCA EBC (up to and including version 3.3), an empty string was always returned in such a case

Below is an example of a mapper that defines a `<noMatchValue>` element:

```
<mapper name='testInvalidMatch'>
    <extract>
        <fieldName>ucaCustomField4</fieldName>
        <matcher>(.*) (.*)</matcher>
```

```
        <mappedTo>$2</mappedTo>
        <noMatchValue>[Not Found]</noMatchValue>
    </extract>
</mapper>
```

In the above example, when the `testInvalidMatch` mapper fails to find any matches or when the `ucaCustomField4` can't be found, the returned value will be `[Not Found]`.

1.4 New Java classes and methods

This release brings new annotations to define advanced tags in the Java code.

Chapter 2
Problems and Limitations

2.1 Fixed Problems

The following problems/enhancements were fixed/implemented in this release:

Table 2 - Fixed Problems

Reference Severity	Component	Description	Comment
CR#11444 / Medium	GUI	When using the Topology graph visualisation tool from The GUI a session is created on the server side. When the browser is disconnected, the session is not fully destroyed leading to memory consumption	Fixed
CR#13553 / Medium	GUI	It is not possible to stop a mediation flow that is in Failed state	Fixed
CR#13555 / Medium	GUI	GUI may display Failure during Notification reception	Fixed
CR#13580 / Medium	GUI	Japanese localization of UCA EBC GUI improperly shows _JP### suffixes to translated strings	Fixed
CR#13581 / Medium	Server	NullPointerException while stopping UCA EBC (at com.hp.uca.expert.vp.internal.ActiveValuePack.getScenarioRunningNumber(ActiveValuePack.java:626))	Fixed
CR#15409 / Medium	UCA Server	Synchronizing issue in UCA-EBC	Fixed
CR#15529 / Medium	UCA Server	All UCA EBC instances are created with the same name for the UMB UCA EBC Adapter, which leads to all but one instances failing to start unless properly configured manually	Fixed
CR#15611 / Low	UCA Server	UCA restarts infinitely when UCA UMB adapter fail to start (exit code -1 is converted to unsigned code 255 which means restart for UCA)	Fixed

2.2 Known Problems

This section lists problems discovered during the product test campaign and that have yet to be fixed:

Table 3 - Known Problems

Reference Severity	Component	Description	Solution/Suggested workaround
CR#11955 Medium	GUI	Multiple filter files not fully supported at the GUI	This can be used without UI.
CR#12983 Medium	Toolkit	Eclipse plugin: Topology aware scenario with templated rules not working.	If you chose Topology Aware scenario, the templated rules option should be unselected
CR#15758 Medium	GUI	Flow status explanation says "Inactive" when status is "Active"	Status is the valid information (explanation is secondary)
CR#15759 Medium	Packaging	GraphDisplayProfiles.xml is not automatically copied into the defaults\conf folder during UCA Server installation	Copy the GraphDisplayProfiles.xml file manually from the $UCA_EBC_HOME/defaults/conf folder to the $UCA_EBC_INSTANCE/conf folder

⚠ CAUTION:
Even though this is not a UCA EBC issue, we have noticed the following user error experienced by some projects: When 'cleaning' the `/var/opt/UCA-EBC/instances/default/logs/` folder, please make sure to use `rm /var/opt/UCA-EBC/instances/default/logs/*.log` command and NOT the `rm /var/opt/UCA-EBC/instances/default/logs/*` command, as there are files other than `*.log` files in this folder that shouldn't be removed.

2.3 Known Limitations

⚠ CAUTION:
UCA EBC V3.4 requires UMB Runtime V1.1 (Scala 2.10). The regular version of UMB Runtime V1.1, which is a Scala 2.11 version, doesn't work with UCA EBC V3.4.

⚠ CAUTION:
IM V3.4 requires the use of Java 8. If you want to run an IM value pack on UCA EBC V3.4, then you must use Java 8 to run UCA EBC V3.4. Please see the HPE UCA IM V3.4 - Release Notes for more information.