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# hp Unified Correlation Analyzer



## **Unified Correlation Analyzer for EBC Problem Detection**

**Version 3.0**

### **Release Notes**

**Edition: 1.0**

**For Windows® and Linux (RHEL 5.8 & 6.3) Operating Systems**

**June 2013**

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# Preface

These Release Notes describe critical information related to the HP UCA for EBC Problem Detection product.

Product Name: Unified Correlation Analyzer for EBC Problem Detection

Product Version: 3.0

Kit Version: V3.0

**Please read this document before installing or using this Software.**

## Intended Audience

Here are some recommendations based on possible reader profiles:

- Solution Developers
- Software Development Engineers
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## Software Versions

The term UNIX is used as a generic reference to the operating system, unless otherwise specified.

The software versions referred to in this document are as follows:

Product Version	Supported Operating systems
UCA for Event Based Correlation Development Kit Problem Detection Extension Version 3.0	<ul style="list-style-type: none"><li>• Windows XP / Vista</li><li>• Windows Server 2007</li><li>• Windows 7</li><li>• Linux Red Hat Enterprise Linux Server release 5.8 and 6.2</li></ul>

**Table 1 - Software versions**

## Typographical Conventions

**Courier Font:**

- Source code and examples of file contents.
- Commands that you enter on the screen.
- Pathnames
- Keyboard key names

**Italic Text:**

- Filenames, programs and parameters.
- The names of other documents referenced in this manual.

**Bold Text:**

- To introduce new terms and to emphasize important words.

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## Associated Documents

- HP UCA for EBC PBD – Installation, Administration and Development Guide
- HP UCA for EBC PBD – TeMIP Client Guide
- HP UCA for EBC - Installation Guide
- HP UCA for EBC - Administration, Configuration, and Troubleshooting Guide
- HP UCA for EBC - Reference Guide
- HP UCA for EBC - Topology Extension Guide
- HP UCA for EBC - Value Pack Development Guide
- HP UCA for EBC - User Interface Guide

## Support

Please visit our HP Software Support Online Web site at [www.hp.com/go/hpsoftwaresupport](http://www.hp.com/go/hpsoftwaresupport) for contact information, and details about HP Software products, services, and support.

The Software support area of the Software Web site includes the following:

- Downloadable documentation.
- Troubleshooting information.
- Patches and updates.
- Problem reporting.
- Training information.
- Support program information.

## Main changes since V2.0 release

Previous released version of this product was UCA for EBC Problem Detection V2.0.

Since this delivery, the following features and fixes have been implemented:

- the product is now supported on Linux, as the UCA for EBC SDK is now also supported on Linux Operating System since V3.0
- the product XML configuration files schemas have been changed to implement GUI related enhancements,
- Support of Resynchronization per Flow
- Support of Filter Tags Editor from Administration GUI,
- Support of Alarm re-evaluation,
- Enhance Services for Group (remove alarms from group, etc...),
- Javadoc Enhancement,
- the product has integrated some bug fixes (some of them being documented in this document (Chapter 3))

# Migration steps from V2.0 to V3.0

The file `ValuePackConfiguration.xml` configuration file needs to be updated to add the `<customInitializationClass>` tag, as per example below

```
<scenarios>
  <scenario name="com.hp.uca.expert.vp.pd.ProblemDetection">
    [...]
    <filterFile>src/main/resources/valuepack/pd/ProblemDetection_filters.xml</filterFile>
    <filterTagsFile>src/main/resources/valuepack/pd/ProblemDetection_filtersTags.xml</filterTagsFile>
    [...]
    <tickPeriod>30000</tickPeriod>
    <customInitializationClass>com.hp.uca.expert.vp.pd.core.PD_Initialization</customInitializationClass>
    <compressionMode>true</compressionMode>
    [...]
  </scenario>
</scenarios>
```

Also, please refer to UCA for EBC Release Notes document describing these migration steps for all Value Packs.



## Fixed Problems

This section lists some of the most visible problems that have been fixed since the last release (UCA EBC Problem Detection V2.0):

Reference / Severity	Component	Description	Comment
CR#8890 Medium	Problem Detection VP	ProblemAlarm is not cleared after a restart when it contains no more alarms. After a PBD Value Pack restart, in the situation where a ProblemAlarm has no more Subalarm, PBD does not clear it. The default processing SHOULD clear any ProblemAlarm when no more Subalarm. Else this will let orphan Problem Alarms that will never be cleaned.	Fixed
CR#9106 Medium	Problem Detection VP	PD_Service_Action.closeTroubleTicket use wrong parameter (CreateTt_TemplateFile vs CloseTt_TemplateFile)	Fixed
CR#9133 Medium	Problem Detection VP	With a single trigger/subalarm the navigation is not set	Fixed
CR#9155 Medium	Problem Detection VP	Add a service allowing to get the Operation Context and the Alarm Object Id of an alarm	Enhancement implemented
CR#9201 Medium	Problem Detection VP	Bad argument number in String.format which produces an exception	Fixed
CR#9279 Medium	Problem Detection VP	Argument 'reference alarm' of TeMIP directive create MUST be used when creating the Problem Alarm	Fixed
CR#9329 Medium	Problem Detection VP	Some loggers in log4j.xml must be updated	Check the package name of the loggers
CR#9400 Medium	Problem Detection VP	Function whatToDoWhenProblemAlarmsUncleared is not avail in ProblemInterface	Enhancement implemented
CR#9401 Medium	Problem Detection VP	Generic Actions not available in TroubleTicketActionsFactory and ActionsFactory	Enhancement implemented
CR#9419 Medium	Problem Detection VP	Marking of the attribute PB is incorrect when 2 levels of Problem alarms	Fixed
CR#9896 Medium	Problem Detection VP	the following trace creates confusion "ProblemAlarm creation planned immediately"	Fixed

**Table 2 - Fixed Problems**

## Chapter 4

### Known Problems

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

<b>Reference / Severity</b>	<b>Component</b>	<b>Description</b>	<b>Solution/Suggested workaround</b>
CR#9308 Medium	Problem Detection VP	Alarms are marked Candidate when they should not in the case transient filtering is enabled	None
CR#9960 Medium	Problem Detection VP	NullPointerException in ActionCallback after stop/start Value Pack (cleanup Action Queue)	Wait more than 10 seconds before starting again the Value Pack

**Table 3 - Known Problems**

### Known Limitations

No known limitation reported on the product yet.