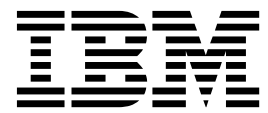


Version 10 Release 1
October, 2017

IBM Opportunity Detect Release Notes



Note

Before using this information and the product it supports, read the information in “Notices” on page 7.

This edition applies to version 10, release 1, modification 0 of IBM Opportunity Detect and to all subsequent releases and modifications until otherwise indicated in new editions.

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Chapter 1. Fixed defects

This section describes the fixed defects in the 10.1 version of Opportunity Detect.

Defect ID	Description
247450	Incorrect data is logged into outcome if the attribute value matches the attribute name. This issue occurs when data input is received from WebSphere MQ.
270522	RealTimeConnector process utilizes 100% CPU. This issue occurs when an Interactive Channel with advanced patterns is undeployed.
243660	Duplicate transaction records are automatically deleted from container. This issue occurs when the data is exactly duplicate in subsequent batch executions.
222745	RealTimeProxy stops responding when bad data is sent to it.
225044	Added support for year in firing frequency as time unit in the time quantity selection.
227658 (fixes PMR 07255,004,000)	RealTimeProxy and comm_agent becomes unhealthy on sending bad multibyte data.
233522	Select component using Lookup table as input was unable to consume NVL values.
233733	Incorrect values mapped to datasource fields. This was observed for datasource fields where the field name was substring of another field name in the same datasource.
233367	Queue messages in JSON format with white spaces were not processed were not consumed.
Security Fixes	Strut libraries have been upgraded to 2.3.32 to fix reported vulnerabilities.

Chapter 2. Known issues

This section describes the known issues in the 10.1 version of Opportunity Detect.

Fatal error occurs for EAR deployment	Defect 276955	A fatal error occurs during the creation of an EAR file for deployment and a message is added to the common installer logs. This message can be ignored. The EAR file is deployed successfully in spite of this error. The following entry can be seen in the common installer logs. Custom Action: com.unica.install.ia.custom.StrIndexAndPieces Status: ERROR Additional Notes: ERROR - Unexpected Fatal Error in Class: com.unica.install.ia.custom.StrIndexAndPieces.install()
Validation fails for manually created expressions	Defect 223720	If you manually enter an expression in a component, validation fails even if the expression is valid. The workaround is to use the value selector to create your expressions.
In a silent mode installation, ojdbc7.jar is not present	Defect 224701	When you install Opportunity Detect in silent mode, and if you are using Oracle for your system tables, the ojdbc7.jar file is not installed in the required locations. The workaround is to place the ojdbc7.jar file manually in the following locations. • On the design time server – [Opportunity_Detect_home]/cli/lib – [Opportunity_Detect_home]/tools/librarymgr/lib – [Opportunity_Detect_home]/InteractService/wlp/lib • On the run time server – /home/streamsadmin/OpDetection/monitor/lib – /home/streamsadmin/OpDetection/StreamsRemoteControlService/wlp/usr/servers/StreamsRCS/dropins/StreamsRCS/WEB-INF/lib

Chapter 3. Known limitations

This section describes the known limitations in the 10.1 version of Opportunity Detect.

Unexpected results for Forward Inactivity components in multiple deployments using the same State History table	Enhancement 202780, APAR 202786	If two deployments of different workspaces run against the same state history table, if there are Forward Inactivity components in either of the workspaces, then these components must be placed in both deployments. If not, then the deployment that does not have the Forward Inactivity interferes with the inactivity processing for the other deployment.
Deployments fail when multiple workspaces are deployed simultaneously	Defects 200534, 201851	Attempting to deploy multiple workspaces simultaneously causes a conflict with a shared resource. There is a high probability that at least one of the deployments will fail. To avoid the issue, limit deployments to one workspace at a time.
The database password is not updated when you install Interact Advanced Patterns over Opportunity Detect	Defect 177556	If you install Interact Advanced Patterns over Opportunity Detect, and you select the manual option, you must manually update the password attribute of the properties tag in the server.xml file. This file is located in the InteractService/wlp/usr/servers/InteractService directory under your Opportunity Detect installation. You can use the securityUtility located under the InteractService/wlp/bin directory under your Opportunity Detect installation to encrypt the password. For example: <pre>./securityUtility encode <i>your_password</i></pre>
The Action component does not fire for some workspaces when the Outcome is mapped to a Web Service connector	Defect 198305	When the Outcome data source is mapped to the Web Service connector, and if the trigger system contains only one Action component that is listening for a Forward Looking or negative Pattern component, no outcome message is sent. In this case, you need a second Action component that is listening for another type of component; then all outcome messages will be sent.

The XML file for the command line utility is not updated when the Run Time component is installed on a different machine from the Design Time component	Defect 199632	When you do not install the Run Time component on the same machine as the Design Time component, the RemoteControlCLI.xml file is not updated with the host and port of the Streams Remote Control service. This file must be configured if you want to use the RemoteControlCLI utility. To work around this issue, update the file manually to replace [RCS_SERVER] and [RCS_PORT] with the host and port of the Streams Remote Control Service. The RemoteControlCLI.xml file is located in the clidirectory under your Opportunity Detect design time installation.
The monitoring tool shows the same number of total transactions for all workspaces or a null pointer exception occurs	Defect 219989, Defect 219002	In some cases, the monitoring tool can have either of the following issues. • The same number of total transactions is shown for all workspaces. • A null pointer exception occurs. These issues can occur when Streams instances are not shut down gracefully. To resolve the issue, do the following. • In the Opportunity Detect user interface, stop all deployments. • Stop the Streams server. • On the runtime server, manually remove all job id files under \$DETECT_HOME/apps/RealTimeProxy/ . The name format of these files is rtp.jobid.streams-instance-name.host. For example: rtp.jobid.streams1@streamsadmin.myHost. • Restart the Streams server

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