

Oracle® Adaptive Access Manager

Release Notes

Release 10g (10.1.4.5)

E13648-03

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These release notes contain important last minute information not included in the Oracle Adaptive Access Manager Release 10g (10.1.4.5) documentation library. This document contains the following sections:

- [Oracle Adaptive Access Manager Documentation](#)
- [Resolved Issues](#)
- [Known Problems](#)
- [Documentation Accessibility](#)

1 Oracle Adaptive Access Manager Documentation

The following guides are located at the Oracle Technology Network. You can refer to them for detailed information about Oracle Adaptive Access Manager.

Note: For information about updates to the Oracle Adaptive Access Manager Release 10.1.4.5 documentation set, visit the Oracle Technology Network at

<http://www.oracle.com/technology/documentation/>

- *Oracle Adaptive Access Manager Installation and Configuration Guide*
- *Oracle Adaptive Access Manager Concepts*
- *Oracle Adaptive Access Manager Administrator's Guide*
- *Oracle Adaptive Access Manager Developer's Guide*
- *Oracle Adaptive Access Manager Reference Guide*

Note: The *Oracle Adaptive Access Manager Integration Guide* has been renamed to the *Oracle Adaptive Access Manager Developer's Guide*.

2 Resolved Issues

Oracle Adaptive Access Manager release 10.1.4.5.2 resolves the known issues listed in this section.

2.1 Models

This section describes issues concerning models.

2.1.1 Incorrect models are run if user changes groups (7829019)

When a user logs in to an application, models are run that are linked to the group the user is in. When the same user logs into a second application under a different group, the original group membership is still valid and models are run that are linked to both groups.

2.1.2 Workflow and Third Party Policy Types

In 10.1.4.5.2, the database upgrade procedure verifies if Workflow and Third Party Policy types are used in Oracle Adaptive Access Manager and remove the Policy types if they are not used.

2.2 Rules

This section describes issues concerning rules.

2.2.1 Configuration to log rule executions based on total rule processing time taken (7625706)

Rule execution logs are not configurable and therefore may affect Adaptive Risk Manager performance. Users who experience large numbers of log ins per day will have many rows of data written in the logs.

Configurable parameters are provided to address this issue. Users can now configure "n," a numeric property for time, so that logging is performed only if the total time taken for the Runtime is greater than "n" milliseconds. The parameter can be configured globally or for a specific runtime.

For example, the properties, as set below, logs for all Runtime process rules, only if the total time taken is more than 1000 ms.

```
vcrypt.tracker.rules.trace.policySet=false  
vcrypt.tracker.rules.trace.policySet.min.ms=1000
```

2.3 Rule Editor

This section describes issues concerning the Rule Editor.

2.3.1 Unable to add Pattern Conditions to the Rule Template (8336136)

When a Pattern Condition is added to a Rule, the user interface does not display the Condition parameters correctly (or not at all in some cases). The Condition parameters are not loading properly even though the conditions are listed under the User Rules.

2.4 Auto-Learning

This section describes issues concerning Auto-learning.

2.4.1 Not able to define pattern based on user login location (8270453)

The user login behavior pattern for location (at a city level) is not evaluated correctly. User logins are not being identified as members of the pattern.

2.4.2 Pattern membership rule does not trigger for device (8308949)

When an Auto-learning rule to compare the pattern count is configured, it does not trigger if the pattern type is device-each user and the timeperiodType is month.

2.4.3 Patterns to calculate day of the week (8275623)

Users cannot base rules on the day of the week, because there is no attribute for "Day of the Week" available for pattern configuration.

To fix the issue, a dayOfTheWeek attribute has been added where 1 = Sunday, 2 = Monday, and so on, with 7= Saturday.

2.4.4 Pattern member condition does not take into account the bucket (8273660)

When an Entity: Pattern Membership rule condition is evaluated, it does not take into account the current bucket that the pattern authentication operation belongs to.

To resolve this issue, the "ENTITY: Entity is member of bucket N times in a given time period" condition has been created.

2.5 KBA

This section describes issues concerning KBA.

2.5.1 Randomize KBA questions (8292836)

The oaam.kba.questions.randomorder property has been added for presenting KBA questions in random order instead of sequentially. Randomization will be performed Online only (Adaptive Strong Authenticator) if "oaam.kba.questions.randomorder" is missing or is set to true. For the "CSR Get Challenge Question" flow, question access will always be sequential.

2.6 Configurable Actions

This section describes issues concerning configurable actions.

2.6.1 Configurable Action for adding item to list/group (7538604)

A Configurable Action for adding an item is needed. This can be used to add userId/loginId/deviceId/country/state/city/IPAddress of the current request to a "Watch list" if the item is not in the "White List"/Black List" that is specified in the configuration. For item type IPs: even if the IP address is in the "White List"/Black List, the IP address is added to "Watch List". The same type of behavior can also be observed for countries and cities.

2.7 Transactions

This section describes issues concerning transactions.

2.7.1 City/Country/Device ID/IP, Equals/Like Value is not working (8248045)

When filter operators "equals" and "like" are applied to city, country, device ID, or IP in transaction conditions, the rule does not trigger.

The issue with equals is fixed. "like" works only on transaction data and entity data where the data type is string.

2.8 Adaptive Risk Manager Offline

This section describes resolved issues for Adaptive Risk Manager Offline.

2.8.1 Schedulers are not functional (7342379)

Scheduled load and run are not functional:

- List load and run does not list schedules.
- Multiple records are listed for the list schedulers query when edits are made to the same record at the time of creation.

Only manual load and run are working.

2.8.2 Java SQL exception invalid number seen when loading data (8368905)

Loading data and listing loads result in a java sql exception.

2.8.3 Show associated session set in results table (8292822)

Once data load/run is initiated, the List Loads and List Runs pages do not show the "Session Set" that is associated to the task. A Session Set column has been added to the List Loads and List Runs reports to fix this issue.

2.9 Oracle Adaptive Access Manager Proxy for Apache

This section describes issues concerning the Oracle Adaptive Access Manager Proxy.

2.9.1 Fix performance issue with Session Id generation (7555336)

The openssl random number API generates secure random numbers for Session ID generation. mod_uio.so now expects to have mod_ssl loaded into Apache httpd so that it seeds the random number generator of openssl correctly.

2.9.2 Single build that includes memcache distributed sessions code and is auto-conf (7550842)

A single binary configures itself for single and multiple process Apache httpd configurations. It auto-configures itself to use memcached (multi-process httpd) or local sessions (single-process httpd). There is a different binary for Linux and for Windows.

2.9.3 Reference counting configurations for single process mode of Apache Proxy (7550820)

As config XML is modified, the Oracle Adaptive Access Manager Proxy does not auto-load the modified config XML. The Oracle Adaptive Access Manager Proxy should keep the data structures for previous config XML in memory and reference-count them against sessions for garbage collection. This issue has been fixed in this patch.

2.10 Queries

This section describes issues concerning queries.

2.10.1 String concatenation in export row(s) for delete message causes invalid translation in Japanese language (7363975)

The message text "Are you sure you want to export the selected row(s) for Delete?" is split into 3 entries. The text cannot be translated into Japanese correctly due to the grammatical binding.

2.11 IP Loading

This section describes issues concerning IP Loading.

2.11.1 When the location file is corrupt there should be a proper error message (8314295)

The IPLocationLoader application throws encryption-related exceptions. A note to remind users to configure encryption has been added to Chapter 3, "IP Location Data Import," of the *Oracle Adaptive Access Manager Reference Guide* for 10.1.4.5.2.

2.12 User Interface

This section describes issues concerning the user interface.

2.12.1 Load and Run tasks types should not be listed in the Online application (8369404)

In the Scheduler user interface for Online mode,

- Run appears as the default for Task Type search filter.
- Load is a search parameter you can choose in Task Type.

Load/Run should not be listed in the Online deployment. Running and loading data is not a feature in Online mode.

3 Known Problems

This section describes known problems for Oracle Adaptive Access Manager release 10.1.4.5.2. If a suitable workaround exists for a known problem, it is listed with the description of the bug to provide a temporary solution.

3.1 No rule logs shown in the Session details page of the Offline application (Bug 8454139)

Configure the following properties in `tracker.properties` to enable the rule log using fingerprint:

```
# Int property determining finger print logging or detailed logging. Detailed
logging if exceeds this. Inclusive
vcrypt.tracker.rulelog.exectime.maxlimit=-1
# Boolean property to do both fingerprint and detailed logging. Overrides
vcrypt.tracker.rulelog.exectime.maxlimit.
vcrypt.tracker.rulelog.logBoth=false
```

Set the following property to milliseconds:

```
vcrypt.tracker.rulelog.exectime.maxlimit=5000
```

If the logging take more than the time specified, it will use fingerprint for logging.

The Rule Engine can also perform logging using both the legacy and fingerprint mechanisms when the following property is enabled:

```
vcrypt.tracker.rulelog.logBoth=true
```

3.2 Delete Actions, De-Activate, and Activate buttons in Configurable Actions do not work (Bug 8491110)

Adaptive Risk Manager fails to delete, activate, or de-activate actions when the user clicks the Delete Actions, Activate, or De-Activate buttons in the Add Action Instances screen of Configurable Actions.

The buttons will work if the user selects a specific Runtime instead of "--All--" from the Select Runtime list before clicking the "Load Actions" button.

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