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RSA Governance & Lifecycle 8.0 Patch 08 Release Notes

2 months ago

What's New

RSA Governance & Lifecycle version 8.0.0 P08 introduces features designed to enhance system efficiency, automate key tasks, and improve visibility. With updates like Database Defragmentation, Duplicate Data Cleanup, Role Definition Review (New UI) including the *Insights and Guidance* part, Send Email, Sign Off, and Delegation, this release reduces manual intervention, optimizes performance, and bolsters security.

Highlighted Features

Database Defragmentation

In Oracle database, the users may observe performance issues and excess space usage due to fragmentation of data. It is usually observed that when data is modified or deleted, its movement across blocks can cause free pockets of space and existing free space is not reused/unallocated by oracle processes immediately. This whole process can cause fragmentation of data in database tables and indexes.

To address the complexities and various steps involved in the process of defragmentation, the feature is now available on RSA Governance & Lifecycle UI and can be accessed from **Admin > Diagnostics > Segment Advisor** tab. The button **Defragment Tables/Indexes** is visible to admin users only and is shown in disabled state when the application is not in maintenance mode.

Note: The Defragmentation option on the UI is available for all types of environments/databases.

Duplicate Data Cleanup

The Duplicate Data Cleanup feature in RSA Governance & Lifecycle provides a structured mechanism to systematically identify and remediate duplicate user and account records within the system.

It can be accessed by users from **Collectors > Duplicate Data Cleanup**. This feature marks duplicate users/accounts without physically deleting them from the underlying database tables. Instead, they are logically flagged as duplicates, preserving data integrity while ensuring that these records are excluded from further processing within the application. This approach helps maintain the uniqueness and consistency of user and account data across the system.

Role Definition Review New UI – [Public Preview]

The feature is not intended for production use and is hidden by a custom feature flag named **FeatureFlag.UseEnhancedUIForReviews**. When this feature is enabled (only by Admin user), from **Admin > System > Settings tab > Edit > Custom**, reviewers are provided with a toggle option, from **Home > Reviews > My Reviews page > Use the new UI** toggle, to allow experiencing new UI.

- When the toggle is turned **ON**, opening any user review will provide the new UI experience.
- By turning the toggle **OFF**, users will be able to perform the reviews using existing UI.

This beta feature is available to all customers for testing.

If you test the new UI, please send us your feedback or questions via [\(mailto:gl-beta-feedback@rsa.com\)](mailto:gl-beta-feedback@rsa.com) ([\(mailto:gl-beta-feedback@rsa.com\)](mailto:gl-beta-feedback@rsa.com)). Please do not contact RSA Technical Support or do not open a Technical Support Case if you have any feedback on this beta feature.

Insights & Guidance

In this feature you can view all reviews and review items information in a brief. It is like a statistical view helping you to monitor reviews displayed according to their severity; critical, moderate, and minor.

Send Email

In this feature you can send an email to multiple users who are interested in the review process, in case they need to take any action regarding the respective review. Note that this feature already exists in the old UI and is now implemented to the new UI as well.

Sign Off

In this feature you can sign-off review items leading to committing your changes and effectively completing the review. Once you sign off a review, it becomes dimmed; you cannot apply changes to it. Note that this feature already exists in the old UI and is now implemented to the new UI as well.

Delegate

In this feature you can reassign the review to another user/reviewer other than the current one. It has been addressed before in RSA Governance & Lifecycle as Reassign Review. Note that this feature already exists in the old UI and is now implemented to the new UI as well.

New Features

Feature	Description
ACM-132884	Export Data to PDF: In the new user review interface, review items table can now be exported to PDF in addition to existing support for CSV.
ACM-132297	Email Timeout: New Mail Polling Connection Timeout and Mail Polling Read Timeout settings have been added under the Approval Email Server section > Email > Settings . These settings have a default timeout value of 180 seconds and help improve email performance by preventing the system from hanging during mail server connection attempts. This enhancement ensures smoother operation in cases where delays occur due to slow server responses, firewall latency, or SSL-related issues.
ACM-132103, ACM-132101, ACM-129940	Password Decryption for Generic REST Collector Metadata: Now, the Generic REST Collector Metadata import/export supports password decryption only within the same environment, or across environments when encryption keys are also transferred.
ACM-132086	AES for AFX: In AFX, Blowfish algorithm is replaced with AES algorithm to encrypt or decrypt data.
ACM-131997	AFX Spring Upgrade: Spring libraries in AFX have been upgraded. (Spring jar has been upgraded from v5.3.37 to v5.3.39, and the Spring Security jar has been upgraded from v5.8.13 to v5.8.16)
ACM-131760, ACM-131331, ACM-131255, ACM-131188, ACM-121468	Graph API for Incoming Email: The Microsoft Graph API protocol has been integrated to facilitate the reading of incoming approval emails. This can be configured under Email Settings > Approval Email Server > Inbound/Reply Server > Protocol dropdown menu.
ACM-131695, ACM-131444, ACM-131221, ACM-130976	Remove Duplicate Users/Accounts: Now, a user can view duplicate Users or Accounts on the UI > Collectors > Duplicate Data Cleanup > Users and Accounts tabs. A hyperlinked Info Icon is available for each duplicate user, showing the user's information when you click it.
ACM-131635	Workflow Upgrade: Workpoint version has been updated to 4.50.16.
ACM-131151, ACM-131129	Pending Change Request Notifications: A new Custom Event named Pending Change Requests has been introduced. This event identifies the number of pending change requests for a user and triggers notifications based on the configured Pending Change Requests Threshold and Notification Frequency.
ACM-131083	System Indicator Discrepancies: Now, under Admin > Workflow > Monitoring , both orphaned watches and pending verification item counts are displayed accurately, considering only CRs in a Pending state and watches with status set to Open, as per configuration.
ACM-130042	Expanded Multi-Value Attributes for LDAP: LDAP type Connectors supports multi-valued attributes for Creation and Update (Account/Group) capabilities in single operation.
ACM-129653	Performance Improvement: Session information for nodes that are experiencing cluster communication issues, is no longer retrieved to display on the UI > Admin > Monitoring > Performance Summary page.
ACM-126520	Spring Upgrade: Spring libraries (spring-aop, spring-context, and spring-beans) have been upgraded.
ACM-126518	Spring-Core Upgrade: Spring-core on ACM and AFX has been upgraded including the dependency of WFArchitect.

Enhancements

Feature	Description
ACM-132029	LDAP Connectors now support updating the CN and Distinguished Name attributes of Account/Group.
ACM-131500	The SCIM Connector has been enhanced to NOT include the version number in the URL when the field SCIM Version is left blank.
ACM-131499	The SCIM Collector has been enhanced to NOT include the version number in the URL when the field Version is left blank.
ACM-130634	The response time to display Data Run information on the History tab for Rules and the Collection History tab for Collectors has been improved.
ACM-130633, ACM-130632	The response time for displaying Approvals and Activities pages for Requests has been enhanced. The counts for the Approvals and Activities state buttons are now loaded lazily. When switching between subtabs, the cached state count is utilized rather than recalculating it, leading to an improvement in response time.
ACM-130553	Workpoint has been updated to version 4.50.16, and now the values for wp-client-protocol , wp-client-hostname , and wp-client-hostport are displayed properly in workpoint.log.
ACM-130409	The time spent on each specific rule action has been added to the task progress table in the rule processing run.
ACM-130021, ACM-130015	The response time for the Request page has been enhanced. The count for the Request State subtab is now loaded lazily. When switching between subtabs, the cached state count is utilized rather than recalculating it, leading to an improvement in response time. Response time for the Request tab under User page, and Rules page have also been improved.
ACM-129368	A new custom flag custom.EmailLogParallelOptimization has been introduced to optimize the performance in displaying the email log under Admin > Email > Log . The performance improvement is seen when the flag is set to true . The default value for the flag is false .
ACM-129338	In the committed Role, if a user modifies the membership rule without making any configuration changes upon clicking OK , the Role state remains unchanged, also the page response time has been enhanced.
ACM-123379	Rule Processing has been improved by introducing a Status bar showing the CR generation in progress.

Fixed Issues

Issue	Description
SF-02691844 ACM-133617	Now, in the Java Code-Based Connector, the custom settings parameter values no longer have additional closed parenthesis ")" character as suffix. The custom setting parameter parsing is now working successfully.
SF-02689245 ACM-133475	When running the EDCs & ADCs for the Generic REST endpoint, the Collectors that are scheduled as Daily are now triggered once a day.
ACM-133191, ACM-132237, SF-02679743 ACM-132505	In Generic REST collector, restricted updates to the T_SCHEDULED_TASKS table during token generation to prevent duplicate entries and deadlock exceptions.
SF-02671969 ACM-132464	In the LDAP Type connectors, restricted logging of security credentials during connection.
SF-02670570 ACM-132363	The AD Account creation with accountExpires attribute and with or without output parameter configured is now working successfully.
SF-02677298 ACM-132350	Now, both the Role and Multi-App Collectors no longer throw errors in the Configuration. The issue of throwing errors despite entering correct credentials has been fixed, and the connection works successfully.
SF-02673670 ACM-132216	The PARENT_ENT_ID/PARENT_ENT_NAME fields are now populated when a user with multiple accounts creates a change request from the Add Access option under the User tab.
SF-02674446 ACM-132170	The REST Collector supports attributes mapping by handling both Array/Map format in the JSON response.

ACM-131558	The page title shown on the web browser tab for the new review UI now displays properly along with RSA logo.
ACM-131358	The java.lang.NoClassDefFoundError no longer occurs for AD and LDAP based connectors during the processing of capabilities.
ACM-132064	Token refresh operation no longer occurs for inactive or disabled Generic REST Collectors.
SF-02670954 ACM-132040	Purging is now working successfully on Step 9/16 (it no longer gives an error).
SF-02669831 ACM-132037	Signoff is now working successfully for Role Review. The system now correctly recognizes and processes these items, ensuring smooth signoff without errors.
SF-02669724 ACM-131852	The Forget Password option is now working properly when there are multiple users with same name and reset password operation is supported for active users only.
SF-02669457 ACM-131792	The login page now displays properly reflecting the maintenance mode state when Maintenance Mode has been enabled and then Oracle Database is shutdown.
SF-02663424 ACM-131765	A new custom flag excludeDelOrphInPwdMgmtNotif has been added with a default value of true . When set to true (or when not defined and defaults to true), the password expiration notifications are skipped for deleted or orphaned accounts. Setting this flag to false will result in sending notifications for deleted or orphaned accounts.
ACM-131719	The issue where filtering by Email Thread in Email Logs did not work correctly, for the ReviewCompleteEvent and ReviewNotGeneratedEvent email types, has been fixed.
ACM-131717	The SSH connection has been enhanced by enabling the custom flag: custom.useLatestSSHVersionInConnector = true . Enabling this flag allows the connector to use TLS 1.2 ciphers, which should resolve issues, such as algorithm negotiation-related issues. By default, the custom.useLatestSSHVersionInConnector flag is set to false , and the SSH connector continues to operate with the existing TLS cipher support.
SF-02666232 ACM-131683	When the Approval and Fulfillment Process is set to ANY , the corresponding Approval and Fulfillment Workflows will appear in the Request Workflow.
SF-02665554 ACM-131668	The semicolon (;) is now supported in the stored procedure statement in the Generic Database Connector.
SF-02666422 ACM-131662, SF-02660429 ACM-131488	Restricted updates have been made to the Generic REST Collector history table during token renewal to avoid configuration UI performance issue.
ACM-131560	The Group objects are now having a Status attribute which supports using the SCIM collector for ValueCloud.
SF-02660136 ACM-131518, SF-02660133 ACM-131517	The following redundant JAR files have been removed from the application package: <ul style="list-style-type: none"> • api-all-1.0.0-M17.jar • esapi-2.0.1.jar • httpclient-4.5.9.jar • json-20170516.jar • owasp-java-html-sanitizer-r239.jar • xstream-1.4.20.jar • zip4j-1.3.2.jar
SF-02661257 ACM-131413	When the HideAlreadyAddedEntitlementForParticularAccount flag is set to true , users cannot request entitlements already assigned to them indirectly, these entitlements are hidden from the Add list.
SF-02660793 ACM-131405	Now, when Archiving and Purging data, the old CR approvals no longer appear under My Approvals .
SF-02653162 ACM-131344	In the App Metadata Collectors, Custom Attributes in the Applications Version table are now working properly.
ACM-131343	A filter has been added to exclude indirect access elements in Data Resource Access reviews, aligning it with other review types for consistent and accurate results.

SF-02661326 ACM-131341	Ports 5672 , 61613 , 1883 , and 61614 are no longer being used when starting the AFX.
SF-02660699 ACM-131340	Data Archiving performance has been enhanced (it no longer takes long time).
SF-02660949 ACM-131300	Now, when changing the UI Language, both Notifications and the Help button tooltip correctly display the selected language.
ACM-131235	The SCIM Connector now creates accounts properly with active property set to true .
ACM-131234	Support has been provided for use of the content type and accept request header in test connection which is configured in SCIM Connector.
ACM-131049	The Multi-App Collector is now working properly (it no longer throws errors).
SF-02657305 ACM-131000	Support has been provided for the content type text/html in the request body for RESTful Webservice Connector.
ACM-130908	Upon saving the Role Review with a high level of maintenance, the associated changes are now reflected in the Role Membership , and Role Entitlement tabs located on the Role Summary page.
SF-02646025 ACM-130876	In the Role Review, in the History log, the correct actor is now consistently recorded across all components.
SF-02649180 ACM-130751	Fields are displayed correctly for Request Forms when the check box Hide table if empty is marked.
SF-02651832 ACM-130707	The Review Definitions are now working properly and do not show errors.
SF-02650671 ACM-130646	When a new Wait for Verification node was added, the UserData panel included the key VerifyOpenActivity with the value VerifiedToComplete . However, this status was not being recognized correctly, causing requests to remain stuck in the Wait for Verification phase. This has now been fixed so requests progress as expected.
SF-02646657 ACM-130508	The Role Collectors performance has been enhanced (it no longer takes a long time).
SF-02647887 ACM-130497	The SOAP Webservice Connector Capabilities are now working successfully with proxy configuration.
SF-02623450 ACM-130341	The ADC Data Collector's post-processing procedure has been updated to handle duplicate accounts in the T_AV_ACCOUNTS table. Specifically, if a user has an Active Account and an Orphaned Account with the same name, the orphaned duplicate will be processed for deletion. It will be marked by prefixing its name with Duplicate_Accounts_Account_name , and its deletion_date will be set to sysdate . This action effectively Deletes the orphaned account from the user's perspective, making it unusable. This new feature does not impact the existing "Duplicate Data Cleanup" functionality.
SF-026333006 ACM-130290	In Java Code-Based Connector, custom settings parameter with parenthesis issue is handled and working properly.

Known Issues and Limitations

Issue	Description

ACM-134066	<p>Unable To Install 8.0.0 P08 Build on the WebLogic Setup.</p> <p>Error</p> <p>java.lang.IllegalStateException: ManagerFactory unable to create manager for [/wpqmonitor.log] with data</p> <p>Resolution</p> <p>In a WebLogic environment, update the setDomainEnv.sh (https://setDomainEnv.sh) script as follows to ensure that WorkPoint logs are created and logged properly.</p> <p>Note that the folder paths shown below are examples and may be different for each WebLogic deployment, so update those paths accordingly when following the procedure.</p> <ol style="list-style-type: none"> 1. vi setDomainEnv.sh (https://setDomainEnv.sh) 2. Add the following lines immediately after any existing JAVA_OPTIONS definition line: <pre>JAVA_OPTIONS="\$JAVA_OPTIONS -Ddworkpoint.log.dir.custom=\${DOMAIN_HOME}/servers/aveksaServer/tmp/_WL_user/aveksa/tkgoak/aveksa.war/log"</pre> <p>Note: The temp folder path <code>/tmp/_WL_user/aveksa/tkgoak/</code> will be different for each WebLogic deployment.</p> <ol style="list-style-type: none"> 3. Restart WebLogic to see the WorkPoint.log and wpqmonitor.log at the exact location as specified.
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Platform Matrix

The latest application server and JDK version have been certified for this release.

	RSA Governance & Lifecycle Software Bundle	Software Only (WebLogic or WebSphere)	RSA Governance & Lifecycle Virtual Application	Container
Application Server Version				
WildFly 24.0.1 Included	Qualified	N/A	Qualified	Qualified
WebLogic 14.1.1.0	N/A	Qualified	N/A	N/A
WebSphere 9.0.5.21	N/A	Qualified	N/A	N/A
JDK Version Certified				
AdoptOpenJDK 1.8.0_462	Qualified	N/A	Qualified	N/A
Oracle JDK 1.8.0_461 (WebLogic)	N/A	Qualified	N/A	N/A
IBM JDK 1.8.0_461 (WebSphere)	N/A	Qualified	N/A	N/A
Operating Systems				
SUSE (SLES 12 SP5, and SLES 15 SP7)	Qualified	N/A	Qualified	N/A
Red Hat (RHEL 8.10 and RHEL 9.6)	Qualified	N/A	N/A	N/A

*RSA Governance & Lifecycle Virtual Application deployments are now supported on **Nutanix** through the **OVA file installation** method.

Prerequisites for Applying Patch (v8.0 P07 or Later)

When using a customer-supplied Oracle Database, or RSA-Supplied Database installed remotely, update the AVUSER and AVCSUSER schema as follows:

1. Log in as SYS user (or another user with SYSDBA privilege) in SQLPLUS (or another database tool like SQL Developer).
2. Run the following script to grant permission on the following objects:

```
GRANT EXECUTE ON SYS.DBMS_CRYPTO TO AVUSER;
GRANT EXECUTE ON SYS.DBMS_LOCK TO AVCSUSER;
```

Note: If the AVUSER schema name is other than AVUSER, replace AVUSER with the appropriate schema name.

Product Support with Operating System

Installing RSA Governance & Lifecycle on Red Hat 9.4+

RSA Governance & Lifecycle version 8.0 P05 and later software bundle is now supported on RHEL 9.4+, however, RSA Governance & Lifecycle 8.0 must first be installed on RHEL 8, complete all the pre-requisites described below, and then upgrade the operating system from RHEL 8 to RHEL 9.4+.

Before upgrading your system from RHEL 8 to RHEL 9.4, ensure the following steps are completed:

1. Apply patch 8.0.0 P05 or later successfully on the existing RHEL 8 system.
2. Apply the latest Appliance Updater for Oracle Database to the existing RHEL 8 system containing the RSA-provided database.

After completing the upgrade to RHEL 9.4, assure the following:

- The RSA-supplied JDK is installed and available.

The following packages are required for Red Hat Enterprise Linux 9.4 environments, and may need to be explicitly installed in addition to the operating system.

binutils-2.35.2-43.el9.x86_64	make-4.3-8.el9.x86_64
gcc-11.4.1-3.el9.x86_64	sysstat-12.5.4-7.el9.x86_64
gcc-c++-11.4.1-3.el9.x86_64	javapackages-tools
glibc-2.34-100.el9.x86_64	lcms2
glibc-devel-2.34-100.el9.x86_64	syslinux
ksh	dejavu-sans-fonts
libaio-0.3.111-13.el9.x86_64	dejavu-serif-fonts
libaio-devel-0.3.111-13.el9.x86_64	dejavu-sans-mono-fonts
libgcc-11.4.1-3.el9.x86_64	fontconfig
libstdc++-11.4.1-3.el9.x86_64	zip
libstdc++-devel-11.4.1-3.el9.x86_64	unzip
libXi-1.7.10-8.el9.x86_64	libs
libXtst-1.2.3-16.el9.x86_64	

Once all the prerequisites have been completed as described above, start RSA Governance & Lifecycle Services.

RSA Governance & Lifecycle Product Version Lifecycle

RSA has a defined End of Primary Support policy associated with all major versions. For more details, please refer to the [Product Version Life Cycle for RSA Governance & Lifecycle](https://community.rsa.com/s/news/product-version-life-cycle-for-rsa-governance-lifecycle-MC2LX56UYE5ZC27FM6QZLQHO2Q5Y) (<https://community.rsa.com/s/news/product-version-life-cycle-for-rsa-governance-lifecycle-MC2LX56UYE5ZC27FM6QZLQHO2Q5Y>).

As of RSA Governance & Lifecycle v8.0.0 P08, RSA G&L v7.5.2 is now EOPS.

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