

# **RSA Identity Management and Governance**

## **6.8 Service Pack 1 Patch 19 Release Notes**



## **Contact Information**

Go to the RSA corporate website for regional Customer Support telephone and fax numbers:  
[www.emc.com/domains/rsa/index.htm](http://www.emc.com/domains/rsa/index.htm).

For technical support, contact RSA at [support@rsa.com](mailto:support@rsa.com).

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## Preface

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These Release Notes may be updated after the release.

This document is intended for the RSA IMG administrator.

## Product Name Change

Please note that the product name has been changed from RSA Identity and Access Management Platform (RSA IAM) to RSA Identity Management and Governance (RSA IMG) since the 6.8.1 release. Therefore, please consider all references to IMG as synonymous with your IAM product name in this document. The IAM name is referenced only in actual documentation set content cited in this document.

## Support and Service

RSA IMG Customer Support Knowledgebase	<a href="https://rsaportal.force.com/customer/_ui/-knowledge/ui/KnowledgeHome">https://rsaportal.force.com/customer/_ui/-knowledge/ui/KnowledgeHome</a>
RSA IMG Community	<a href="https://community.emc.com/community/connect/rsaxchange/rsa-img">https://community.emc.com/community/connect/rsaxchange/rsa-img</a>
RSA Customer Support information	<a href="http://www.emc.com/support/rsa/index.htm">www.emc.com/support/rsa/index.htm</a>
RSA Customer Support email address	<a href="mailto:support@rsa.com">support@rsa.com</a>
RSA SecurCare Online (SCOL)	<a href="https://knowledge.rsasecurity.com/">https://knowledge.rsasecurity.com/</a>  RSA SecurCare Online provides unlimited access to a wealth of resources on the Web, 24 hours a day. The secure system provides members access to a support knowledgebase, to download current platform patches and bug fixes, to sign up for notifications, to manage your support cases and more.

## Download RSA IMG Software and Documentation

You can download RSA IMG software and documentation from the RSA SecureCare Online (SCOL) site. Once you log on to SCOL and access the correct page, you are presented with a list of products that you are licensed to download. If you do not see a license for RSA IMG in the list of available products, contact RSA Customer Support.

## Procedure

1. Log on to SecurCare Online using your SCOL account user name and password.
2. Select the "My Support" link at the top of the page or the "Version Upgrades" link on the Identity Management and Governance product page.
3. Select the appropriate license link to access the available Identity Management and Governance software downloads.

IMG Product Selected	Available Software Files
Access Certification Manager	ACM-WebLogic-<Product_Version>.tar ACM-WebSphere-<Product_Version>.tar aveksa-<Product_Version>.tar.bz2
IMG Software Bundle	aveksa-<Product_Version>.tar.bz2
IMG R320 Appliance (ACM)	aveksa-<Product_Version>.tar.bz2
IMG R620 Appliance (ACM)	rsaimg_updater_<Product_Version>.tar.bz2
IMG R720 Appliance (ACM)	
IMG R320 Appliance (ACM & AFX)	aveksa-<Product_Version>.tar.bz2
IMG R620 Appliance (ACM)	rsaimg_updater_<Product_Version>.tar.bz2
IMG R720 Appliance (ACM & AFX)	AFX-<Product_Version>-Connector-Converter.zip AFX-<Product_Version>-Standard-Connectors.zip
Access Fulfillment Express	AFX-<Product_Version>-Connector-Converter.zip AFX-<Product_Version>-Standard-Connectors.zip
SAP Adapter for AFX	AFX-<Product_Version>-Premium-Connectors.zip

## Release 6.8 Updates

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Version	Date	Description
6.8 SP1 P19	September 2015	Patch Release
6.8 SP1 P18	August 2015	Patch Release
6.8 SP1 P17	July 2015	Patch Release
6.8 SP1 P16	June 2015	Patch Release
6.8 SP1 P15	May 2015	Patch Release
6.8 SP1 P14	April 2015	Patch Release
6.8 SP1 P13	March 2015	Patch Release
6.8 SP1 P12	January 2015	Patch Release
6.8 SP1 P11	November 2014	Patch Release
6.8 SP1 P10	October 2014	Patch Release
6.8 SP1 P9	September 2014	Patch Release
6.8 SP1 P8	August 2014	Patch Release
6.8 SP1 P7	July 2014	Patch Release
6.8 SP1 P6	June 2014	Patch Release
6.8 SP1 P5	May 2014	Patch Release
6.8 SP1 P4	April 2014	Patch Release
6.8 SP1 P3	March 2014	Patch Release
6.8 SP1 P2		Patch Release
6.8 SP1 P1		Service Pack Release

## Install a Patch

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Patches are cumulative. A product version patch includes all updates included in earlier patches for that version.

**Note:** The installation of this patch might require additional time due to a change that was made in the persistence of workflow metadata. This additional time is required to verify that the appropriate configuration data is stored in the workflow to ensure consistency during the import/export process. The amount of time needed for this process is dependent on the complexity of the workflows. Monitor the run-once.log file to view the patch installation progress.

**Important:** Do not attempt to install a previous version of a patch over a later version of a patch.

### Procedure

1. Download the following files available from RSA SecurCare Online at <https://knowledge.rsasecurity.com>:
  - RSA\_IMG\_Release\_Notes\_<VersionNumber>.pdf
  - Aveksa\_<product version>\_P<VersionNumber>.tar.gz
2. Uncompress and untar Aveksa\_<VersionNumber>\_P<VersionNumber>.tar.gz.
  - a. `cd /home/oracle`
  - b. `tar zvxf aveksa-_<VersionNumber>_P<VersionNumber>.tar.gz`
3. Read the PatchInfo.txt file and the Patch-README.txt file in the Aveksa\_<VersionNumber>\_P<PatchNumber> directory created by Step 2.
4. Log in as root and run the patch.sh installation script in the directory created in Step 2:
  - a. `cd /home/oracle/aveksa-_<VersionNumber>_P<VersionNumber>`
  - b. `patch.sh`

**Note:** For information on installing a patch on WebLogic or WebSphere, see the *Installation and Upgrade on WebLogic Guide* or the *Installation and Upgrade on WebSphere Guide*.



## 6.8 SP1 Patch 19

RSA IMG Release 6.8 Service Pack 1 Release Notes Patch 19 includes the following:

- [Fixed Issues in 6.8 SP1 Patch 19](#)

**Note:** No new product features were introduced in this patch release.

### Fixed Issues in 6.8 SP1 Patch 19

Tracking ID	Description
SF-647287 ACM-52856	Cannot complete a fine-grained role definition review when the role has no members.
SF-697883 ACM-55367	A change request generated from a role definition review remains in the Pending Verification state even though the role has been deleted.
SF-711453 ACM-55739	Review performance issues occur after installing 6.8.1.17.
SF-698425 ACM-55143	A search in the What Access tab for an application displays entitlements for a different application.
SF-612345 ACM-51472	A request to grant an entitlement and an account to that entitlement to a user is rejected in the fulfillment phase of a change request. The account, however, appears in the user's Access tab.
SF-679345 ACM-54994	Asset Owner approval not working for entitlement of type account group. The approval is system-approved instead of being assigned to the asset owner.
SF-702595 ACM-55250	An Entitlement Rule for a request form question is not able to parse SQL.
SF-671161 ACM-54544	The Entitlements Require Accounts setting for applications are not exported in the metadata.
SF-692095 ACM-55130	Multi-app entitlement collections is taking over 18 hours to complete after installation of v6.8.1 p10.
SF-680826 ACM-54112	The MySQL connector does not use the most current version of the jar file: mysql-connector-java-5.1.36-bin.jar

Tracking ID	Description
SF-623248 ACM-52021	Time out and performance issues occur with change request approvals.
SF-694923 ACM-54944	Language in advanced search remains in English even when the language is changed in the Options link.
SF-691107 ACM-17429	Unable to filter on user entitlement attributes in a review definition and in a review.

## 6.8 SP1 Patch 18

RSA IMG Release 6.8 Service Pack 1 Release Notes Patch 18 includes the following:

- [What's New in 6.8 SP1 Patch 18](#)
- [Fixed Issues in 6.8 SP1 Patch 18](#)

### What's New in 6.8 SP1 Patch 18

Feature	What's New
Reviews	You can filter on user-entitlement attributes for entitlements and application roles in user access, group definition, and account access and ownership reviews.
Rules	The Provisioning - Termination and the Provisioning - Joiner/Mover rule definitions include a Test button.

### Fixed Issues in 6.8 SP1 Patch 18

Tracking ID	Description
SF-545924 ACM-49891	A user granted the ability to view approvals in a monitoring policy cannot view the approvals.
SF-648004 ACM-52968	A workflow is not successfully imported, but the import indicates it is successful.
SF-690180 ACM-54591	A reviewer was unable to undo a sign-off on review items.
SF-545046 ACM-50059	A request submission question configured to display once is displayed multiple times.
SF-596925 ACM-51030	The send email action is not executed for an attribute change rule.
SF-678405, 700864 ACM-54309	A user who creates a change request is unable to cancel the request even though the request workflow is configured to allow cancellation.
SF-538188	The Requested On timestamp changes each time an approver clicks

Tracking ID	Description
ACM-49730	the Perform button for an approval.
SF-649549 ACM-54570	Indirect entitlements are not granted to users who have been added to a role.
SF-694001 ACM-55013	Change request with overlapping indirect entitlement items are rejected inconsistently when a role's direct items are partially rejected.
SF-689044 ACM-55312	Review email is not sent if one of the recipients has an invalid email address.
SF-626239 ACM-51948	The Admin > System > Settings page shows inconsistent information when the database is remote and a local database has been imported.
SF-627569 ACM-52088	Action buttons are disabled only for group owner reviewer when using the review results menu.
SF-625568, 620646, 668423, 680413 ACM-52843, ACM-51871	False AFX failures occur when adding or removing user accounts from groups in Active Directory.
SF-690230 ACM-54602	The WebService findEntitlements command sortDirection parameter is not properly documented.
ACM-55414	Remediation workflows are not created for all user access rule violations.
SF-19286 ACM-44975	Import of Business Descriptions reports the Modified By field as AvekxaAdmin even if the import was performed by someone else.
SF-702306 ACM-55192	The Maintain and Revoke buttons in a review are unresponsive when French is designated as the default language for RSA IMG.
SF-20540 ACM-49006	A "Request could not be handled" error occurred when an attempt to invoke a role link from email in the Admin > Email > Log window.
SF-712278 ACM-55773	Start up after installing 6.8.1P17 is stalling over 24 hours on workflow process name migration.
SF-699428 ACM-55142	Indirect technical-role items are not generated in a change request when adding a user to a global role that contains the technical-role

Tracking ID	Description
	using a change request form.
SF-697317 ACM-55069	Role definition reviews are generating change requests to revoke groups from users that are not members of the role.
SF-714598 ACM-55859	When a technical role that is added to a global role is rejected, indirect entitlements of accepted technical roles are rejected.
SF-719788 ACM-56120	Infinite looping occurs after editing a role profile.
SF-20540 ACM-49006	A "Request could not be handled" error occurs when an attempt to invoke a role link in email generated by an approval workflow that includes the {access_request_cri_grole_url} variable in the workflow's email configuration.
ACM-46313	Unable to add an SQL Select node to an escalation workflow after installing 6.8.1 P15.

## 6.8 SP1 Patch 17

RSA IMG Release 6.8 Service Pack 1 Patch 17 includes the following:

- [Fixed Issues in 6.8 SP1 Patch 17](#)

### Fixed Issues in 6.8 SP1 Patch 17

Tracking ID	Description
SF-538190 ACM-49005	"Changes to Approve" and "All Changes" buttons are missing after clicking Request Details.
SF-608691, 625058 ACM-51152	Change verification takes several hours to complete.
SF-625888 ACM-51925	Membership rule is removed from a role by the role collector when changing, adding, or removing a member that has a missing direct entitlement.
SF-636223 ACM-52368	Adding users to a report results in those users not being emailed until the second run.
SF-634173 ACM-52766	V_AVR_USERACCESS view does not give correct values.
SF-670383 ACM-54038	Resource Type flag is not set or cleared properly.
SF-673360 ACM-54267	Some special characters are not supported for passwords in the Sign-Off field.
SF-628281 ACM-54319	There is no deletion script to delete duplicate violations.
ACM-54391	Entitlements directly assigned to accounts are not removed during multi-app entitlement collection.
SF-681689 ACM-54567	Indirect items are fulfilled even if the role change direct item is rejected when the change request is created via role management.
SF-694457 ACM-54844	Active Directory EDC fails due to running out of TEMP tablespace.

Tracking ID	Description
SF-628281 ACM-54865	Existing violations from older version create duplicates when adding an entitlement to a user.
SF-693570 ACM-54866	Deleted DAG server access still display in data resource access reviews.
SF-695076 ACM-54934	Closed loop remediation verification fails with database caching detected.
SF-695403 ACM-54935	Role entitlements persist in the application, even though they are not collected.
SF-666487 ACM-53935	Role changes are submitted twice in change requests.
SF-543756 ACM-50568	A change request to add members to roles shows incorrect information.
SF-697835 ACM-54996	Standard SQL regression that works in 6.8.1 patch 9 does not work in 6.8.1 patch 15.
SF-16179 ACM-39441	Reports filter criteria results in Oracle errors.
SF-648004 ACM-52968	Workflow is not successfully imported, but the import states it was successful.
SF-607420, 693781 ACM-51072	System administrator has read-only privilege.
SF-682335 ACM-55246	<p>The Collector: Manage and Collector: Admin entitlements are missing from the following collectors:</p> <ul style="list-style-type: none"> <li>• Identity Collector</li> <li>• Unification Config</li> <li>• Account Collector</li> <li>• Role Collector</li> <li>• Entitlement Collector</li> <li>• Multi-App collector</li> </ul>

Tracking ID	Description
	<ul style="list-style-type: none"> <li>• Data Access Collector</li> <li>• App Metadata collector</li> <li>• Scheduling</li> </ul>
SF-625568 ACM-52843	False AFX failures occur when adding or removing user accounts from groups in the Active Directory.
ACM-55204	<p>While remediating the violations that are marked with Due Date of a later date, the following message displays:</p> <p>You have not acted on two items, the violations is not remediated completely.</p>
ACM-53429	Change request approval is not assigned to all Business Owners (i.e. Application Business Owner and Other Business Owners).
ACM-53430	Not all business source owners are assigned a review even though all were specified as reviewers in the review definition.



## 6.8 SP1 Patch 16

RSA IMG Release 6.8 Service Pack 1 Patch 16 includes the following:

- [What's New in 6.8 SP1 Patch 16](#)
- [Fixed Issues in 6.8 SP1 Patch 16](#)

### What's New in 6.8 SP1 Patch 16

Feature	What's New
Appliance Updater	The Appliance Updater updates the Red Hat Enterprise Linux 5 operating system.
Rules	An Activate/Deactivate button is included under the General tab in a rule's details view. You can use it to activate or deactivate a rule, respectively.
Web Services	The term, "review results" replaces "review instances" in review command descriptions in the Web Services Commands table.
Web Services	The "ignoreCase=true" parameter returns case insensitive search results for information commands.  Example: <code>cmd=findUsers&amp;location=california&amp;ignoreCase=true</code>

### Fixed Issues in 6.8 SP1 Patch 16

Tracking ID	Description
SF-671320 ACM-53860	A request form was submitted when the Back button was clicked during a create change request session.
SF-585741 ACM-51589	A decision node in a workflow failed to detect a "contains at least one violation" condition.
SF-651355 ACM-53366	An attempt to process a Provisioning - Termination rule resulted in an error.
SF-675297 ACM-53978	Account mappings are removed after a multi-app account data collection even though the "Do not remove accounts when nothing is collected from that application" setting is enabled for the collector.
SF-666521 ACM-53975	All PM time suffixes in a report are changed to AM when the report is exported to an .xls file.

Tracking ID	Description
SF-630667 ACM-53389	A new user is added to a business role multiple times when an attribute change rule specifies that a change request is generated to add the user to the role.
SF-617560 ACM-51670	An error occurs when a Mysql database entitlement collector with a SELECT query that includes a column alias configuration is run.
SF-672382 ACM-53970	The Exception Date and Granted On dates are not updated correctly when exceptional access is granted to a user with violating access a second time.
SF-690006 ACM-54610	The Mark Verified node in a fulfillment workflow is not working after an upgrade from v6.9 P3 to v6.9.1 P2.
SF-539009 ACM-49768	An SoD rule with invalid common entitlements list the same entitlement name instead of each entitlement.
SF-17142 ACM-41647	Applications are not sorted alphabetically in the Scope drop-down list in a report definition.
SF-669296 ACM-54106	Cannot upload an Alternate Manager Coverage file using the Web Services uploadCoverage command.
ACM-54917	For the SoapWebService node, the proxy is not reset if cleared from the workflow node.
ACM-54480	The following error is observed in the server log when an activity to fulfill a change request is completed for a user who does not have a supervisor:  "com.aveksa.server.db.PersistenceException: Executing JDBC query failed."
ACM-54853	The Soap Web Service node exhibits a null pointer exception error when the user variable value is null in the Soap Request field.

## 6.8 SP1 Patch 15

RSA IMG Release 6.8 Service Pack 1 Patch 14 includes the following:

- [What's New in 6.8 SP1 Patch 15](#)
- [Fixed Issues in 6.8 SP1 Patch 15](#)

### What's New in 6.8 SP1 Patch 15

6.8.1 SP1 Patch 15 does not include any new product enhancements or improvements.

### Fixed Issues in 6.8 SP1 Patch 15

Tracking ID	Description
SF-663440 ACM-53599	A "Request could not be handled" error occurs when the Missing Direct Entitlements hyperlink is clicked more than once during an add member to a business role operation.
SF-539244 ACM-54114	It takes an inordinate amount of time to display a group list of workflow jobs.
SF-616244 ACM-51551	A user with the "Access Request Administrator" security role cannot edit an escalation workflow.
SF-19200 ACM-46353	Inability to filter by a user's business unit in an account review.
SF-665778 ACM-53393	A deleted application's business description is incorrectly retained in the system.
SF-612794 ACM-51571	An "ORA-12899: value too large for column "AVUSER"."T_AV_WFMILESTONES"."MILESTONE" error occurs when multiple approvers are assigned to a change request.
SF-602698/638263 ACM-50754	The "All User Access" report lists only group membership entitlements.
SF-541078 ACM-45561	When exporting a role, the loading data popup does not disappear.
SF-533918 ACM-51614	The "Update_Wf_Emit_Event" call from Access_Request_Pkg is causing database locks and the Login page never appears or is inordinately slow to appear.

Tracking ID	Description
SF-665374 ACM-53350	Change requests stalled: caused by "java.sql.SQLException: ORA-01722: invalid number" error.
SF-613892 ACM-51477	Invoking a list of approvals from the Approvals icon takes an inordinate amount of time to load for non-admin users.
SF-595533 ACM-51479	Invoking a list of approvals from Requests > Approvals takes an inordinate amount of time to load for admin users.
SF-66603/663017/666031 ACM-51782	A user's entitlements are incorrectly included in a change request generated by the user's removal from a role in a user access review.
SF-20491 ACM-46777	A search by Status = Active does not work in the Rule Definitions window.
ACM-50635	User IDs are not correctly resolved in exported metadata.
SF-611868 ACM-53910	The Maintain Revoke actions are still available for members removed from a role in a role review.
ACM-52923	<p>Errors are observed in aveksaServer.log while deploying a patch on WebSphere application server. Some errors may appear when applying the patch as the server is trying to schedule tasks while patch processing is taking place. These errors would have in calls from the bottom of the call stack similar to the following:</p> <ul style="list-style-type: none"> <li>• at com.aveksa.server.scheduler.ScheduledTask\$Executor.execute (ScheduledTask.java:159)</li> <li>• at com.aveksa.common.ThreadPool\$Executor.run(ThreadPool.java:141)</li> <li>• at java.lang.Thread.run(Thread.java:770)</li> </ul>
SF-680823 ACM-54072	The copyright symbol displays as a question mark in the "About" popup.

## 6.8 SP1 Patch 14

RSA IMG Release 6.8 Service Pack 1 Patch 14 includes the following:

- [What's New in 6.8 SP1 Patch 14](#)
- [Fixed Issues in 6.8 SP1 Patch 14](#)

### What's New in 6.8 SP1 Patch 14

Feature	Description
Appliance Updater	The appliance updater detects if the installation is a soft appliance environment. In this case, it only applies Oracle database patches.
Workflows: SOAP Web Service Node	The SOAP Web Service node supports SSL connection to an endpoint. The node properties window includes a "WS-Security" tab. The tab provides the following SSL configuration options: <ul style="list-style-type: none"> <li>• The "Enable WS-Security" option</li> <li>• Input fields for private key, keystore, and X.509 certificate settings</li> </ul>
Database Export/Import dmp File Options	Ability to define the path of a file created by avdbexport and read by avdbimport and specify that the file is compressed. The syntax examples demonstrate both options.  Export Syntax Example: <pre>./AVDB_Export_AVUSER.sh -o &lt;dir&gt; -g</pre> Where: <ul style="list-style-type: none"> <li>-o &lt;dir&gt; = Directory for the output file</li> <li>-g = Flag indicating the file should be gzipped</li> </ul> Import Syntax Example: <pre>./AVDB_Import_AVUSER.sh -i &lt;dir&gt; -g</pre> Where: <ul style="list-style-type: none"> <li>-i &lt;dir&gt; = Directory for the input file</li> <li>-g = Flag indicating the file is gzipped</li> </ul>

### Fixed Issues in 6.8 SP1 Patch 14

Tracking ID	Description
SF-541997	Incorrect approval assignments are generated for a change

Tracking ID	Description
ACM-49321	request.
SF-534215 ACM-52987	Rule violation remediators are not updated after remediator reassignment.
SF-627007 ACM-52217	Role data in a role definition review is not identical to the actual role data.
SF-642367 ACM-53026	A role owner is able to revert changes to a role in the "Applied" state.
SF-586096 ACM-49734	Exported user attribute values are "Yes" for the "In Detail," "In Popup," and "Hide if Empty" settings that have been set to "No" for the attributes.
SF-663339 ACM-53198	Duplicate records observed in a data resource review.
SF-661675 ACM-53130	A change request to remove a group from a group remains in the "Pending Verification" state after data collection.
SF-604024 ACM-51073	Multiple delegations occur when using the "Save and Continue" option in a review.
SF-665680 ACM-53376	A multi-app entitlement collection has collected app roles and entitlements for an application that is no longer collected.
SF-623432 ACM-51983	Remote agents stopped working after installing 6.8.1.11.
SF-22004 ACM-48648	A database deadlock stalls a user access review.
SF-662286/ 665374 ACM-53172	A change request escalation canceled change request items.
SF-533883/ 534205 ACM-51156	Entitlement data collection fails with this error: "unique constraint (AVUSER.ECDC_COLLECTION_INDEX_32) violated."
SF-595923	An account is created for a user entitlement request despite the

Tracking ID	Description
ACM-51427	fact that the request was canceled in the approval phase.
SF-656277 ACM-52929	When a second change request for a user is rejected, the user's previous change request items are automatically rejected.
SF-619481 ACM-52322	Application role references are still appearing for an application after the application roles have been removed from the source data and the application data has been collected.
SF-592593 ACM-50484	The procedure in "Configuring the Test Authentication Module" in the <i>Administrators Guide</i> incorrectly stated that the value to insert for AUTH_PROVIDER_TYPE was "TestAuthProvider" instead of the correct "TestAuthenticator."
SF-663283 ACM-53196	SoD rule violation counts are not displayed in a user access review.
ACM-53657	WebSphere: Reports could not be created after migration from 6.8.1 P09 to 6.8.1 P13.

## 6.8 SP1 Patch 13

RSA IMG Release 6.8 Service Pack 1 Patch 13 includes the following:

- [What's New in 6.8 SP1 Patch 13](#)
- [Fixed Issues in 6.8 SP1 Patch 13](#)

### What's New in 6.8 SP1 Patch 13

Feature	Description
Aveksa Application Data Collectors	The capability to create new collectors for the application and to edit and inactive the data collectors included with the application has been removed.
Account Access and Ownership Reviews	The following options enable a review designer to prevent reviewers and monitors, respectively, from taking any action on their account entitlements (shared accounts included): <ul style="list-style-type: none"> <li>• The "Allow reviewers to review their own account entitlements" configuration option is available under the review definition's Reviewers tab.</li> <li>• The "Allow monitors to monitor their own account entitlements" configuration option is available under the review definition's Monitors tab</li> </ul>
Workflows	HTTP connection retry logic has been provided for SOAP and REST Web Service workflow nodes.
Workflows	The SOAP Web Service node supports SSL connection to an endpoint. The node properties window includes a "WS-Security" tab. The tab provides the following SSL configuration options: <ul style="list-style-type: none"> <li>• The "Enable WS-Security" option</li> <li>• Input fields for private key, keystore, and X.509 certificate settings</li> </ul>

### Fixed Issues in 6.8 SP1 Patch 13

Tracking ID	Description
SF-642581 ACM-52478	A concurrency error occurs when reassigning an approval.
SF-633448 ACM-51420	A "ORA-02292: integrity constraint (AVUSER.FK2_WP_WI_ALERT_HIST)" error occurred.



Tracking ID	Description
SF-596869/636057/639796 ACM-50596	An error occurs when a Reassign node is passed a legitimate value.
SF-632534 ACM-52420	An entire change request is rejected when a line item is rejected.
SF-636204 ACM-52360	An entitlement data collection fails with this error: "ORA-00001: unique constraint (AVUSER.ECDC_COLLECTION_INDEX_42) violated."
SF-16442 ACM-40668	Exceptional access is displayed for entitlements revoked as a result of a segregation of duties rule violation.
SF-582755 ACM-49820	A Provisioning Joiner/Mover Rule is not suggesting business roles when it is configured to suggest roles.
SF-612453/641109 ACM-37812	The password re-use restriction is not enforced for password resets.
SF-610175 ACM-52465	A change request fulfiller is only provided information regarding a revoke and not an add when the custom "Modify" review option is completed.
SF-644154 ACM-52580	Error encountered when migrating to v6.9.
SF-612924 ACM-51503	Cluster initialization error occurs on WebSphere.
SF-539251 ACM-49105	Performance issues occurred with reviews.
SF-619441 ACM-51678	Inability to view files attached to fulfillment activities.
SF-641000 ACM-52423	Role review item is "locked" after it is rejected by a fulfiller and thus no further action can be taken on the item.
SF-596444 ACM-52351	A review monitor is able to reassign review items even though the review definition specifies that monitors are not allowed to reassign.

Tracking ID	Description
SF-611297 ACM-51999	A workflow configured to handle all change request items in one job created two approval activities.
SF-18166 ACM-45543	"Quick Search" grouping and filtering is not working correctly in a review.
SF-534209 ACM-49241	An entitlement data collector edit session stalls on the third window.
SF-616391 ACM-52723	An Active Directory account data collector has unmapped several accounts.
ACM-50912	The existing SOAP request implementation for a Web Services node uses a Java API and which in turn uses a Sun API. The Sun API is not supported in WebSphere.
ACM-41362	A ServiceNow collector is not working in WebLogic and WebSphere environments because of a JAR conflict issue in those environments.
ACM-52652	SOAP and REST Webservices nodes - Parser fails when the response contains namespaces.

## 6.8 SP1 Patch 12

RSA IMG Release 6.8 Service Pack 1 Patch 12 includes the following:

- [What's New in 6.8 SP1 Patch 12](#)
- [Fixed Issues in 6.8 SP1 Patch 12](#)

### What's New in 6.8 SP1 Patch 12

Feature	Description
AFX	Proxy support for the following endpoints: <ul style="list-style-type: none"> <li>• Google Apps</li> <li>• Amazon AWS</li> <li>• Service-Now</li> <li>• Airwatch</li> <li>• Salesforce</li> <li>• Zendesk connector and collectors</li> </ul>
Change Requests and Workflows	The SOAP request implementation for the WebService node that uses Java API in conjunction with Sun API is now supported in WebSphere and JBoss.
Change Requests and Workflows	The Handle error on failure option is now available on the Request tab for error handling in the WebService node.
Database	Support for remote Oracle Database 11.2.0.4.
Rules	Administrators can now select and reassign multiple open rule violations.

### Fixed Issues in 6.8 SP1 Patch 12

Tracking ID	Description
SF-19825/ SF-21205/ SF- 589057/ ACM-45964	Aveksa application can be renamed which causes errors.
SF-616391/ ACM-51502	Active Directory ADC has unmapped accounts that are not remapped during subsequent collections.

Tracking ID	Description
SF-00591688/ ACM-51142	The correct browser language is not displayed when the Browser Language is selected in ACM.
SF-00598263/ ACM-51262	Custom AFX connector for the Netezza database fails.
SF-21965/ ACM-48615	A change request for removal is generated when a previously revoked item is maintained.
SF-534117/ SF-00611876/ ACM-50406	The Verantwortlicher Mitarbeiter user attribute value does not populate on the Role > Members tab.
SF-00541747/ ACM-50259	Rule execution takes longer than expected to run.
SF-00534142/ ACM-49646	ServiceNow Collector does not connect when deployed in IBM Websphere via proxy.
SF-19484/ ACM-46114	User Entitlement is missing from the User Access tab if a user entitlement change request is performed at the same time the user account is created.
SF-00595792/ ACM-46966	ADC collector does not perform as expected.
SF-00608511/ ACM-51281	Users with Edit All entitlements cannot edit or complete requests.
SF-536433/ SF-536437/ ACM-48683	In the Active Directory, the Domain User Group Membership collection fails due to a request timeout.
SF-18504/ ACM-46966	Group descriptions are duplicated when group description files are imported.
SF-583278/ ACM-49736	When importing the business description XML using the overwrite option, the rows in the source tables are unstable.
SF-21638/ SF-604267/ ACM-48583	Suggested entitlement is not shown in the Default Provisioning Form.
SF-00622302/ ACM-51788	Review output does not contain all of the review items.

Tracking ID	Description
SF-00580573/ ACM-50464	Attribute value is not displayed in the request form.
SF-22004/ ACM-48648	User Access Review does not perform due to deadlock.
SF-00612989/ ACM-51308	A user's previous exclusive role is not removed when a new exclusive role is added with a custom workflow.
SF-00616971/ ACM-51525	When creating a new role, the Existing Role Set menu is not sorted.
SF-00602816/ ACM-50748	Users with Business Owner and Business Unit Business Owner roles cannot see business roles.
SF-00534145/ ACM-49104	Users with View All Role permissions are allowed to edit an email template from a Review Definition.
SF-00593446/ SF-00593451/ ACM-50717/ ACM-50716	Cross site scripting is seen.
SF-539121/ ACM-49289/ ACM-49290/ ACM-49291/ ACM-49292/ ACM-49293/ ACM-49294/ ACM-49295/ ACM-49296/ ACM-49297/ ACM-49104	<p>Users with View All entitlements can complete the following tasks:</p> <ul style="list-style-type: none"> <li>• cancel a request</li> <li>• change outbound events</li> <li>• cancel all pending runs</li> <li>• create a business holiday calendar</li> <li>• create an email template</li> <li>• delete all inactive runs</li> <li>• delete dashboard components</li> <li>• edit a connection</li> <li>• edit email template</li> </ul>
SF- 21902/ ACM-48496	Scheduled reports do not use the Scope filter.
ACM-41917	The Disable/Enable account status does not collect for Zendesk.



## 6.8 SP1 Patch 11

RSA IMG Release 6.8 Service Pack 1 Patch 11 includes the following:

- [What's New in 6.8 SP1 Patch 11](#)
- [Fixed Issues in 6.8 SP1 Patch 11](#)

### What's New in 6.8 SP1 Patch 11

Tracking ID	Feature	Description
ACM-45790	Reviews	<p>A review definition now includes a “Replace” action option under the definition’s States tab. It provides reviewers the capability to replace an entitlement for a user included in a review with another entitlement. When the reviewer initiates the action, the system generates a change request that includes a remove item and an add item to replace the existing entitlement with the new entitlement, respectively.</p> <p>You can configure the “Replace” action in a review definition to apply to all or a particular sets of users and entitlement types. All change requests generated by the action are evaluated by any rules that are activated on the system and are processed similarly to change requests that are explicitly initiated outside of a review.</p>
ACM-50147	Workflows	<p>Two new workflow nodes that support web services interaction with other applications that provide web services capabilities are now available for inclusion in approval and fulfillment workflows:</p> <ul style="list-style-type: none"> <li>• The REST WebService node invokes a REST call to an endpoint.</li> <li>• The SOAP WebService node invokes a SOAP call to an endpoint.</li> </ul> <p>The responses and results from the calls are stored in the workflow variables based on the configuration in the node. This information can be used in a workflow’s decision logic.</p>
SF-16384 ACM-47438	User Interface	<p>A “Last Login” date and timestamp now appear in the user interface. For the non-RSA UI styles, the information appears adjacent to the name of the logged in user. For the RSA UI style, the information appears under the user icon (upper-right top in the interface).</p>
SF-18536	Access Requests	<p>The system now notifies approvers via email that the action for a change request has been completed when a change request approval workflow</p>

Tracking ID	Feature	Description
ACM-47613		<p>specifies multiple approvers and one of those approvers rejects a change request.</p> <p>The system does not generate notification email for approvers who are logged into the system and attempt take action on an approval after another approver has rejected the change request. In this case, the system displays a message to those approvers that the change request approval has been completed.</p>
ACM-50136	Connectors	The Salesforce connector template now supports API version 32.

## Fixed Issues in 6.8 SP1 Patch 11

Tracking ID	Description
SF-19337 /ACM-45084	The system does not display access request action buttons for entitlements from an account collected by a multi-app entitlement collector.
SF-590799/ACM-50752	An error occurred in an account review after migration from V5.5.8 to V6.8.1.
SF-597075/ ACM-50525	Missing indirect change request item when adding a user to a technical role that is then being added to a global role.
SF-589238/ACM-50463	Non-relevant rule violation information is displayed to a change request approver.
ACM-50401	The “t_enterprise_users” and “ t_user_mapping” tables are not correctly pruned via unification and thus grow unlimitedly.
SF-586063/ACM-50304	“"The request could not be handled Unable to create page for page ID "ReviewReportDetailNestedMenu" null" error occurred.
SF-591121/ACM-50303	Change request approval processing takes an inordinate amount of time to complete for non-admin users.
SF- 545686/ACM-50064	Query from “V_COMMON_SOD_RULE_ENTS” takes an inordinate amount of time to complete.
SF-539524/ACM-	By using a help link, inappropriate access to an appliance’s file system can



Tracking ID	Description
49949	be gained.
SF-584341/ACM-49721, ACM-31593	When a reviewer selects the “Modify” review state, the previously selected state remains selected.
SF-581802/ACM-49709	An “ORA-22813: operand value exceeds system limits” error occurs while migrating from 5.5.8 P15 to 6.8.1 P06.
SF-534003/ACM-49690	Cancel change request workflow stalls.
SF-585011/ACM-49684	Inability to re-install a patch over an identical version of the patch.
SF-536468/ACM-49384	Various capabilities missing in the DB2 Database connector.
SF-543545/ACM-49316	The web services “List of IPs allowed to invoke web services” setting reverts back to the default setting after the IMG server is restarted.
SF- 20575, SF-21532 /ACM-46689	The "Cancel selected pending runs" option on the Monitoring page fails.
SF- 21104/ACM-48472	Role collection takes an inordinate amount of time to complete.
SF- 21945/ACM-48908	A change request activity disappears from the Requests > Activities window.
SF- 608759/ACM-51160, 51135	Review items saved with the “Replace” selection are not signed off correctly.

## 6.8 SP1 Patch 10

RSA IMG Release 6.8 Service Pack 1 Patch 10 includes the following:

- [What's New in 6.8 SP1 Patch 10](#)
- [Fixed Issues in 6.8 SP1 Patch 10](#)

### What's New in 6.8 SP1 Patch 10

Tracking ID	Feature	Description
SF-21160 ACM-48260	Multi-Step User Access Reviews	A “Previous Step Status” table column is now available for user access review item tables. It enables reviewers of multi-step user access review to view previous actions taken from the review item table.  For more information: <a href="#">“Previous Step Status” Column in a Multi-Step User Access Reviews Lets You Group Items by the Status</a>
ACM-49622	Table Options	The “Table Header” option under Admin > System > Settings allows you to specify whether “Table Options” is available (expanded) by default in a review.  For more information: <a href="#">New Table Defaults Setting</a>

### Fixed Issues in 6.8 SP1 Patch 10

Tracking ID	Description
SF-19484/ACM-49948	Unable to create an account and add an application role to the new account specified in a single change request.
SF-15714/ACM-39152	Groups specified in a user access review definition are removed when the name of the account collector that collects the groups is changed.
ACM-33068	The “Delete” icon (X) has been replaced with a “trashcan” icon to prevent confusion over whether the former icon deleted an object or closed a window.
SF-17301, 00534213/ ACM-41757	Review items taking an inordinate amount of time to display.
SF-17312/ACM-41715	Review email is sent to incorrect recipients when a reviewer attempts to send email to a user who does not have an email address.
SF-14525,	The “Move” buttons for form controls do not function correctly.

Tracking ID	Description
17523/ACM-36786	
SF-15802/ACM-39076	Inability to edit a “Backup Technical Owner” attribute value.
SF-585011/ACM-49684	Inability to re-install an identical version of a patch.
SF-21160/ACM-48260	A “Previous Step Status” table column is now available for user access review item tables. It enables multi-step user access review reviewers to view previous actions taken from the review item table.
SF-00580501/ACM-49628	An “add member to a role” action is fulfilled by AFX even after the “revert” action (to not add member) is performed on the role.
SF-534142/ACM-49625	WebSphere deployment: Unable to collect from ServiceNow.
SF- 00544573 00582267/ACM-49611	Line breaks are not rendered in review emails when "No markup allowed" or "Allow sanitized HTML" security settings are specified.
ACM-49553	Inability to specify Salesforce connector proxy settings.
SF-00539833/ACM-49481	Entitlement collection stalled.
SF-533997/ACM-49433	Action button is disabled.
SF-00545192/ACM-49382	A multi-app entitlement collector takes an inordinate amount of time to complete.
SF-00544457/ACM-49331	Rule violation remediator assignment not persisted.

Tracking ID	Description
SF-00533984/ACM-49013	Last item in a change request entitlement table not highlighted
SF-22289/ACM-48891	Inordinate amount of time required to generate
SF-20858/ACM-48864	Attribute change rule failed to detect an attribute change.
SF-21803/ACM-48635	Error occurs when attempting to test a Salesforce application connection in MyAccessLive.
SF-21791/ACM-48520	Change request generated from a group review is completed despite no actual changes in the source.
SF-21843/ACM-48378	Workflow SQL parser does not recognize quote delimiters when using form variables.
SF-21155/47990	A reviewer is not returned to the previous place in a review after performing a bulk action on review items.
SF-21286/ACM-47910	Termination rule attempts to revoke indirect entitlements.
SF-18265/ACM-47611	Unable to specifically translate business unit and business source attributes.
SF-19959/ACM-45948, ACM-46024	Performance issue adding a role to a user using custom form.
SF-20985/ACM-47398	User was unable to attempt to log in after the specified lockout period.
SF-20712, 21466/ACM-47276	Performance degradation involving queries run against the t_av_change_request_details table.
SF-19634/ACM-45872	Connection to AVPERF errors occurred. See <a href="#">Prevent Connection to AVPERF Errors</a> for more information.
SF- 18018, 21226/ACM-43076	The patch install process did not clearly indicate that installers should remove a patch's installation package as a "matter of good housekeeping."

Tracking ID	Description
SF-16257/ACM-39643	Inability to pre-process a single rule.
ACM-49660	Comments entered in a change request fulfillment activity are not retained.
ACM-49235	An “Error - org.hibernate.NonUniqueResultException: query did not return a unique result: 2” error occurs when an SoD rule is processed after one of its entitlement sets is modified.
SF-586407/ACM-49826	LDAP “referral” issue.
SF- 19959/ ACM- 45948	Performance issue encountered during the creation of a change request.
SF- 14525, 17523/ACM- 36786	Move control field buttons in forms intermittently stop working.
SF-584341/ACM-49721	Selecting the modify button in a review does not deselect any previous choice.
SF-21344/ACM-48673	Lotus notes account collection throws error: “Array index out of range: 0.”

## 6.8 SP1 Patch 9

RSA IMG Release 6.8 Service Pack 1 Patch 9 includes the following:

- [What's New in 6.8 SP1 Patch 9](#)
- [Fixed Issues in 6.8 SP1 Patch 9](#)

### What's New in 6.8 SP1 Patch 9

Tracking ID	Feature	Description
	Appliance Updater	A new “RSA IMG Appliance Updater Guide” is included in this release. It describes how to update the appliance operating system and database.
ACM-46343	Exceptional Access Table Enhancements	The Rule Name, Rule Type, and Rule Description columns are available in Exceptional Access tables. For more information: <a href="#">More Detailed Information Columns Available from Exceptional Access Views</a>
ACM-47710 ACM-47708	Rule Violation Remediation Reassignment	System Administrators and Rule Administrators can now reassign a rule violation remediation task to another user from a violation details window. A rule violation remediation assignee can now be stipulated in a rule remediation workflow based on attributes of a user with violating access. For more information: <a href="#">Rule Administrators Can Reassign Rule Violation Remediation Assignments</a>
ACM-48066	Rule Violation Remediation Reassignment History	A rule violation details window includes a History tab that lists all comments entered and all remediation task reassignments for the violation and lets administrators enter comments. For more information: <a href="#">Rule Administrators Can Reassign Rule Violation Remediation Assignments</a>
ACM-47736	Comments in Approvals	Comments from previous approvals in a workflow are available in a subsequent approval node.
	Role Account Template	The ability to specify a default “roles account template” for a business source has been added to the “Account Template” section under the Requests tab for an application and a directory. A role account

Tracking ID	Feature	Description
		template specifies the parameters for the accounts that must be manually created for a user who is added to a role for the role's entitlements that require accounts.
ACM-49441	Language Support	Chinese (China) Chinese (Taiwan) English French German Italian Japanese Portuguese (Brazil) Russian Spanish (Mexico) Spanish (Spain) For more information: <a href="#">Enhanced Language Support</a>
ACM-49142	Account Collectors	Account collectors for Active Directory/LDAP sources now include an "Ignore Referral" option.
SF-20016 ACM-46900	Data Collection Processing and Management	By default, the system now retains raw data for the last 5 collection runs for a particular collector instead of the previous 10.

## Fixed Issues in 6.8 SP1 Patch 9

Tracking ID	Description
ACM-49125	The "RSA IMG Appliance Updater Guide" is now available with this patch.
SF-21142/ACM-47779	The "DB2" connector does not work correctly.
SF-21254, 21735/ACM-47980	An incorrect user is cited as the fulfiller of a change request activity.

Tracking ID	Description
SF-00538873/ACM-49039	Change request items cited as verified even though the items are not fulfilled in the data source.
SF-22207/ACM-48823/48786	Approver action and comments are not retained.
SF-21811/ACM-48497	The “Enter” does not execute a password submission in a review.
SF-21295/ACM-48508	Approver and fulfiller comments are displayed multiple times.
SF-18506/ACM-44833	Inappropriate access via an entitlement granted indirectly through a group not detected by a user access rule.
SF-00533910/ACM-49065	Account to group memberships collected in 6.8.1 are removed in 6.8.1 P06.
SF-20838/ACM-48804	Null pointer exception occurred upon viewing the details of accepted approval request.
SF-00533964/ACM-49000	Reviews take 2.5 hours to execute in remote database compared to 22 min in a local database.
SF-21673/ACM-48776	A termination rule generates a change request to incorrectly remove accounts mapped to active users.
SF-21793, 00534148/ACM48519	Reassigning approvals or activities causes a concurrency error.
SF-21437/ACM-48142	Existing data resource to account mappings not appearing in the user interface after newer mappings are collected and processed.
SF-21024/ACM-47523	Accounts are not consistently created with account templates.
SF-21991/ACM-48645	The “Has Entitlement” search condition in role membership rule is not working properly.
SF-22076, 00534234/ACM-48735	The “SQL Select” node stores an incorrect value after installation of 6.9 P06.



Tracking ID	Description
SF-536431/ACM-49079	Account collection from an AD source failed.
SF-20341/ACM-47399	Request for an Oracle patch DBMS_JOBS fail with ORA-1878 after DST change error occurred.
SF-17758/ACM-42231	Exceptional Access table displays an entitlements raw name instead of the correct descriptive name.
SF-19501/ACM-45756	Upgrade to 6.8 from 6.5 causes duplicate entries within T_GROUP_MEMBERSHIPS.
SF-19381/ACM-45655, ACM-48309	Able to reassign activities to terminated users if user selection is based on two or more search filters.
SF-19729/ACM-47431	Collection error occurred: ORA-30926.
SF-14441/ACM-47528, ACM-37747	If the sign-off feature is not enabled in a review, the reviewer does not have the option to save and continue.
SF-20845/ACM-47111	A “Please fill in default values” error message is displayed when a dynamic SQL statement is provided in the query tab while creating a report.
SF-20769/ACM-47131	Changing a review action to “None” is not reflected correctly in a subsequent phase of review.
SF-20299/ACM-46917	Request created incorrectly from an account review when items are saved as revoke then batch maintained and signed off.
SF-18620/ACM-44466	A “exception java.lang.OutOfMemoryError: GC overhead limit exceeded” occurred while executing a filter query on an Application Summary page.
SF-21086/ACM-47736	Comments from previous approvals in workflow should be available to current approval node.
SF-47553/ACM-45244	Identity collector taking over two hours to run when automatic unification is not chosen.
SF-18096 /ACM-43113	Pending Verification job stalls on Step 2 and Step 8.

Tracking ID	Description
SF-17360, 20761/ACM- 41807	Report emailed to a user who is not automatically provisioned access to view the report.
SF-20016/ACM- 46900	Customer requests that the CollectorRawDataSetsToKeep value be less than 10.
SF- 17804/ACM- 42379	Error occurs when members are added to a role.
ACM-47561	Migration required prompt does not appear after importing a data dump on WebLogic from a previous version.
SF- 00539533/ACM- 49092	Requester is able to approve the request without appropriate permission by just changing the OID in a request URL.
ACM-48998	ResMgr and ResMgrFactory are not correctly loading languages containing country codes.
ACM-48972	Change request stalled in the fulfillment phase.
ACM-48065	When activities are assigned to multiple users and the resource assignment is set to “ANY,” when one user reassigns his or her work item the other assignees are removed and only the new assignee is assigned the work item.
SF-21214/ACM- 47667	Role metadata changes are not reverted.

## 6.8 SP1 Patch 8

RSA IMG Release 6.8 Service Pack 1 Patch 8 includes fixed issues only. No enhancements were introduced.

### Fixed Issues in 6.8 SP1 Patch 8

Tracking ID	Description
SF-14470/SF-20936/ ACM-37260	Revoking entitlements from a role generated within a role set does not generate and indirect change request.
ACM-39283	The Exceptional Access Expiration Date is set incorrectly.
ACM-40196	Calling stored procedures with Oracle and Mysql connector is not supported.
ACM-40966	UNIX administrators could not lock or unlock accounts using the SSH connector to lock or unlock accounts on UNIX servers.
SF-18153/ACM-45726	When there are two collectors, the existing record is deleted and replaced with a new record instead of updated.
ACM-46063	The action button in the Rule Violation table displays incorrectly.
SF-19795/ACM-46705	In a change request for adding a member to a Role, the Account Template Parameter does not work correctly.
SF-20526/SF-20676/ ACM-46812	When collecting Groups, the Active Directory Collector takes longer to execute than expected.
SF-19914/ACM-47044	When Exceptional Access for a user expires, the system does not reopen a violation.
SF-20664/ACM-47294	After a Business Role change request is completed for multiple users that were added or removed with default workflows, the Business Role does not save.
SF-20947/ACM-47446	When a user has multiple active accounts, AFX cannot update the Active Directory.
SF-19620/ACM-47607	Role Review Percentage Complete refreshes automatically after data collection.
SF-18332/ACM-47608	There is no sign-off option when delegating review items.

Tracking ID	Description
SF-21302/ACM-47781/ ACM-47783	Performance of Reviews takes longer to execute than expected.
SF-20849/ACM-47782/ ACM-47786	Change Verification after ADC collection takes longer to execute than expected.
SF-19142/ACM-47791	Each time the Collection process is run, the Business Entitlement Description processing takes increasingly longer to execute.
SF-21421/ACM-47892	All Change Request items are cancelled when an overdue Escalation Workflow is triggered.
SF-21486/SF-21489/ ACM-48021	A Form field using a filter that references another Form field renders blank or no values.
SF-21203/SF-21225/ ACM-48121	Multiple advanced filters used in either Set 1 or Set 2 do not save existing filter conditions for the SOD Rule.
SF- 20371/ ACM-48145	Users without supervisor rights are unable to select buttons on the Request page.
SF-21707/ACM-48161	The Search functions on the Change page do not work correctly for the following values: <ul style="list-style-type: none"> <li>• &lt;greater than&gt;</li> <li>• &lt;greater than or equal to &gt; Vs &lt;less than&gt;</li> <li>• &lt;less than or equal to&gt;</li> </ul>
SF-21073/ACM-48582	The Access Request checkbox is not functioning as expected.
SF-21874/ACM-48649	Selecting Accept All in the Change Request does not accept items that were previously rejected.
SF-21254/SF-21735/ ACM-48727/ ACM-47980	Approval/Fulfillment phase “Completed By” is showing a user other than the user who actually completed tasks.
SF-22141/ACM-48778	When the Table Column options are set to default, the Reject button is disabled.

Tracking ID	Description
ACM-48779	Rejected buttons are disabled when "All Changes" on the approval page are moved or when a new column is added using the table options.

## 6.8 SP1 Patch 7

RSA IMG Release 6.8 Service Pack 1 Patch 7 includes fixed issues only. No enhancements were introduced.

### Fixed Issues in 6.8 SP1 Patch 7

Tracking ID	Description
ACM-43543	There is an inconsistency with selecting Owner and Backup Owner when the Business Role Manage is off. Users cannot select Owner from Table Options, but can select Backup Owner.
ACM-44000	The DAG Collector does not work.
ACM-44775	The Account Collector takes over 12 hours to complete the Explode_Group_Memberships step.
ACM-45556	The user access rules take longer to execute than expected.
ACM-45572/ACM-47805	The Account Groups collected with MAADC do not show Business Source mapping in the User Access Review.
ACM-45696	Access rule creation does not perform properly.
ACM-45952	Escalations emails are sent in a Hold state.
ACM-45966	Workflow nodes cannot be copied to a different workflow.
ACM-45994	The Access Request Submission message is not properly formatted.
ACM-46165	The Date field values from forms display in UNIX time when called by their variable name in workflows.
ACM-46256	The user name is not displayed in emails that use the account template.
ACM-46770	The Allow Manual Activity to Complete before Collection for Revoke Operations feature did not exist.
ACM-47117	When a single role CR is assigned to multiple approvers, Rule Violations Data shows all SoD violations from this CR. Only violations relevant to the approval item should be shown.
ACM-47253	HL7 Package Connector did not exist.
ACM-47268	The Collector takes longer to execute than expected.

Tracking ID	Description
ACM-47423	When data for a failed ADC run is reprocessed it results in a constraint violation.
ACM-47427	If user results are grouped and ordered, the user interface sometimes displays duplicates for results that require a page change to view entire list.
ACM-47604	A customer-specific User Access Change sub-workflow call is not triggered.
ACM-47629	When a single quote appears in a strings.properties message value, the message pattern substitution breaks.
ACM-47671	An LDAP connector using a non-standard prefix does not work.
ACM-47681	Extra "</>" characters display images in forms that contain static text.
ACM-47687	IT Helpdesk operators cannot help RSA IMG users reset their passwords.
ACM-47805	The Business Source name is not displayed for account groups collected by MAADC in the account review.
ACM-48239	The administrator could not show or hide URL Encoding in the RESTful Web Service connector configuration.

## 6.8 SP1 Patch 6

RSA IMG Release 6.8 Service Pack 1 Patch 6 includes the following:

- [What's New in 6.8 SP1 Patch 6](#)
- [Fixed Issues in 6.8 SP1 Patch 6](#)

### What's New in 6.8 SP1 Patch 6

Tracking ID	Feature	Description
SF-16075 ACM-41667	Exporting Metadata	You can now export a request form with table options without exporting all of the user interface settings. Prior to this patch, exporting a request form with table options required you to select User Interface Settings in the Export Metadata screen in order to export the options. However, selecting User Interface Settings exported all of the user interface settings, not just those for the Request Form. You no longer have to select User Interface Settings to export the table options with the Request Form, nor do you have to log out and log back into the system to make the changes take effect.
ACM-46064	Privileges Page	Additional information about security roles is now available in a pop-up window on the Privileges page.
ACM-45017	Update Data Retention Package	The Update data retention package includes a procedure for pruning the t_av_application_log table.

### Fixed Issues in 6.8 SP1 Patch 6

Tracking ID	Description
ACM-37998	Account to entitlement mapping is not removed for deleted accounts. This issue is server-specific (WebLogic and WebSphere).
ACM-40769	Priority is not seen after importing the workflow to another box.
ACM-45559	Changes made to the customerstrings.properties file are not seen in the Admin User interface.
ACM-46312	Cannot restore an old workflow from prior export if a newer export was taken of the changed workflow.



Tracking ID	Description
ACM-46609	Export of Workflows does not export child Workflows.
ACM-46675	Errors are generated in server.log when exporting two escalation workflows.
ACM-46835	Selecting a locale with the country code in a sandbox/production system does not function properly.
ACM-46947	RESTful Web Service connector does not save the request body text when it is in XML format.
ACM-46959	In localized instances, the Roles > Action button does not function as expected.
ACM-47054	Other Changes button displays inconsistent content in localized instances.
ACM-47233	The HTTP Session ID does not reset when a user logs in or out.
SF-18212/ACM-43507	When the user navigates to menu Reports after uploading a SecurityContext.csv, only one report displays. The user is unable to run the report and receives an error dialogue indicating Insufficient Privileges to view the page.
SF-18212/SF-18731/SF-18717/SF-20324/ACM-43153	Migration from 6.0.2 to 6.8.1 does not preserve users' ACM Privileges.
SF-18379/ACM-44283	Change request fails with Concurrence error using the Provisioning node.
SF-18711/ACM-43990	BACKUP_SUPERVISOR in customerstrings.properties has no effect.
SF-19234/ACM-45159	Unstable set of rows error appears when attempting to complete a specific review.
SF-19283/ACM-45676	When provided a variable that contains a quote delimiter, it is possible to create an error within the workflow by passing a single quote and then a colon. When creating a SQL query that contains a quote delimiter containing a single quote and then a colon, the colon is removed when the query is saved.
SF-19445/ACM-	When requests are created from certain workflows, approximately 3% of all requests change to an error state.

Tracking ID	Description
45687	
SF-19526/ACM-45560	The Application Business Owner variable does not display in a static text form field.
SF-19565/ACM-45521	Large form (555 controls) inconsistently displays fields and submitted values.
SF-19600/ACM-46956	Opening Admin > Workflows takes a long time with a large number of jobs.
SF-19682/SF-20726/ACM-36819	Active Directory requests fail when the account or group contains a comma.
SF-19905/ACM-45968	Unable to revert change to the Default AFX Fulfillment Subprocess node. If a change to the value of the Left Operand is made that is displayed under the Workflow will process changes where: option from Job:Change.stateStr to any other value, or delete the criteria (using the delete button), it is not possible to revert the change to use Job:Change.stateStr as part of the criteria.
SF-20194/ACM-46255	Concurrency error causes CR to fail on Decision nodes.
SF-20369/ACM-47236	When a request form with "Changes apply to No Users" is selected and the fulfillment or revocation date field is populated, the request is unable to be created.
SF-20587/ACM-46882	Hebrew characters are not supported when updating or creating an account using AFX AD Connector.
SF-20688/ACM-46820	Submitting a request takes a long time.
SF-20689/ACM-46821	When creating a change request for User Security request, a Request.Loader Error is received.

Tracking ID	Description
SF-20700/ACM-46842	In the Violation Details popup, the Path to violation and the Violating Entitlement Raw Name table headers are not translated to the German language.
SF-20801/ACM-46978	Concurrency error causes CR to fail on SQL Select Nodes adding specific roles to a user.
SF-21020/ACM-47366	When the authentication source is NovellIM, a user can log in with any valid user ID by entering at least one character in the password field.

## 6.8 SP1 Patch 5

RSA IMG Release 6.8 Service Pack 1 Patch 5 includes the following:

- [What's New in 6.8 SP1 Patch 5](#)
- [Fixed Issues in 6.8 SP1 Patch 5](#)

### What's New in 6.8 SP1 Patch 5

Tracking ID	Description
Feature	What's New
Application Security Enhancements	For internal security purposes, RSA IMG Platform uses Security Contexts, which extend entitlements to provide enhanced security to the RSA IMG platform itself. A description of these enhancements has been included in a revision to chapter 6 of the Administrator's Guide. The revised chapter (6.8_Administrator's Guide_Chapter 6_Replacement.pdf) is available for download in the download at in the P05 folder at: <a href="https://sftp.rsa.com/human.aspx?r=233173966&amp;Arg12=filelist&amp;Arg06=993678982">https://sftp.rsa.com/human.aspx?r=233173966&amp;Arg12=filelist&amp;Arg06=993678982</a>
New Connectors	The following new connectors are included in this release: <ul style="list-style-type: none"> <li>• Oracle OIM R1 Connector</li> <li>• Oracle OIM R2 Connector</li> <li>• Oracle e-Business Suite Connector</li> <li>• Lotus Notes 8.5.3 Connector</li> <li>• Office365 - Package Connector</li> <li>• HL7 Package Connector</li> </ul>
New Collectors	The following new collectors are included in this release: <ul style="list-style-type: none"> <li>• Office365 - EDC Collector</li> <li>• Office365 - ADC Collector</li> <li>• Oracle e-Business Suite Collectors</li> <li>• Lotus Notes Collector</li> </ul>
Access Fulfillment Express Patch	If you are using Access Fulfillment Express, there is a patch available. For installation instructions, see the Patch-README.txt and the AFX-Patch-README.txt contained in the download file for RSA IMG Platform 6.8.1 Patch 05. (SF-18686/ACM-43905)

Tracking ID	Description
Secure Cookies on WebSphere and WebLogic	Securing cookies on WebSphere and WebLogic prevents the cookies from being transmitted in clear text over unencrypted channels. This ensures secure transmission of data in the cookies.

## Fixed Issues in 6.8 SP1 Patch 5

Tracking ID	Description
ACM-41081	if you upload a SecurityContext.csv and it references an invalid SECURE_OBJECT_TYPE, the upload provides no feedback and fix migration problem.
ACM-42984	Cannot grant individual Aveksa Entitlements for the 6.5+ Security Model when Access Request Manager:= OFF.
ACM-43619	security entitlement of "Report Definition : Run" does not allow User to Fill Report in Back Ground.
ACM-44262	Entitlement Collector Step 3/11: Load Raw Data takes 2hrs of a 2 hr collection.
ACM-44729	User data type custom attribute if manually mapped to some user name, after next collection it changes to MEU ID.
ACM-45157	added custom attributes for reports and charts for use in SecurityContext rules.
ACM-45531	Workflow variable - Change request -> Application role URL and Entitlement URL, gives request could not be handled error.
ACM-45750	determine SCOPE_TABLE from internal SecureObjectType instead of data file.
ACM-46050	The Check Outstanding Requests form functionality is ignored when the user has a pending account from the Entitlements Require Account functionality.
ACM-46057	Allow only a select list of implicit LDAP attribute names for which fully namespace qualified group names will be assumed.
ACM-46442	Purge Procedure should keep the source data based on custom parameter value but it was keeping source data only for last run id.
ACM-46488	Attribute Change rule preprocessing runs after ADC,EDC and MAEDC.
SF-15197/ACM-38131,ACM-	select item checkmark appearance slower with IE than Chrome, from review result entitlements grouped items display.

Tracking ID	Description
44923	
SF-18043/ACM-42970	Account Groups are not included in SimilarMatching Entitlement Views.
SF-18098/ACM-43179	Display text in change request for Application asset owner is showing the raw application name rather than the application name.
SF-18803/ACM-44529	EDC collection job fails after several hours of processing, temp tablespace exhausted during processing of deleted entitlements
SF-18954/ACM-44891	No ACM roles or privileges are maintained during upgrade to 6.5.1 from 5.1.2.
SF-18973/ACM-44503	Aveksha Application roles and entitlements are ambiguous with the user interface.
SF-18977/ACM-44651	MAEDC collection taking 11 hours.
SF-19110/ACM-44660	Default "Is Service" attribute not available in review filters.
SF-19276,SF-19216/ACM-45511	upgrade from 6.0.2 to 6.8.1 and Rules Pre-Processing increases from a few minutes to 2+ hrs.
SF-19904/ACM-45978	When trying to export forms, the system seems to freeze about 1/3 of the way through, one at a time works.
SF-19920/ACM-46103	Removed Cross-Site Scripting Vulnerability in isAjax parameter.
SF-19957/ACM-46022	Users/Users allow me to see all Users simply by right of being a Business Owner of an Application.

## 6.8 SP1 Patch 4

RSA IMG Release 6.8 Service Pack 1 Patch 4 includes fixed issues only. No enhancements were introduced.

### Fixed Issues in 6.8 SP Patch 4

Tracking ID	Description
ACM-40606	<p>“Error Completing WorkItem: Concurrency error. Another user” message is displayed in 2-node aveksaServer log on migrated environment ACM6.8.62581+SuSE 11SP3+3-Node WebSphere 8.5.1+Remote Oracle 11.2.0.3 using ACM 5.5.8 Data dump.</p>
ACM-43552	<p>The HOTFIX VERSION NUMBER = HFXX is written into the "server.log" and "T_AV_APPLICATION_LOG" table.</p>
ACM-44292	<p>The dn attribute does not exist for groups error when collecting groups from sunone ldap, however it collects accounts successfully.</p> <p>In prior releases of RSA IMG, when configuring the LDAP Identity Collector you were required to map the GroupID to an LDAP attribute that would provide a unique value for each group. If no such attribute existed in your LDAP directory, the collector could not collect group information.</p> <p>In RSA IMG v6.8.1 Patch 4 or later, if your LDAP directory has no attribute to provide a unique value for each group, you can configure the collector to use the dn or the distinguishedName LDAP attribute as the GroupID. The collector can then collect group information.</p>
ACM-44877	<p>Password resets via AFX can take 20+ minutes.</p>
ACM-45136	<p>Request form field does not save correctly if the static text is only HTML.</p>
ACM-45258	<p>Available for request label shows twice for role.</p>
ACM-45375	<p>While deploying aveksa.ear on weblogic with different users (avuser,avdwuser,acmdbr) ,Getting "java.sql.SQLException: ORA-00942: table or view does not exist" in the aveksa_server log.</p>
ACM-45487	<p>Remove sensitive information disclosure from logs.</p>
ACM-45650	<p>Cannot edit properties of a Cancel Change Request node in Workflow.</p>
ACM-45685	<p>Migration Error: While upgrading 6.8.1_Patch_04 to 6.9_69909.</p>
SF-14963/	<p>Table options 'apply to all' row/page change in a review does not update items that</p>

Tracking ID	Description
ACM-37655	have been opened.
SF-15811 ACM-38994	Rule pre-processing performance issue with SOD.
SF-16254/SF-16353/ ACM-39533	Groups Not Displaying in the Access Tab of Users.
SF-16925/ACM-41237	Local EDC automatically provisions entitlements twice no matter what actions are taken in Fulfillment workflow.
SF-17311/ SF-17058/ACM-41557	Error in the approval workflow that is resulting on change items to be cancelled.
SF-17562/ACM-42413	Maintain with "Expires on" date never generates a revoke change request if the review has Sign-off enabled.
SF-17562/ACM-42414	Maintain with "Expires on" date never generates a revoke change request if the review is set to completed.
SF-17629/ACM-43847	Deletion of local entitlement collector is causing an error following Identity Unification.
SF-17685/ SF-18664/ACM-43390	"Mark Verified" node is not changing the CR item status from "Pending Action."
SF-17734/ ACM-41969	Role remains convinced it contains violating users after rule successfully revokes user access.
SF-17795/ACM-43131	Forms - newfieldValidation.jsp is not called for field with Default Value.
SF-17884/ACM-42909	Role review locks item if 100% complete and a revoke is included.



Tracking ID	Description
SF-18174/ACM-43265	Collector connection reset errors fetching large number of groups (250K); need to fetch in batches.
SF-18379/ACM-44283	Concurrency error when attempting to complete a work item.
SF-18622/ACM-45309	Automatic approval for when owner same as divisional approval not Working (categories).
SF-18636/ACM-43850	Internal names being displayed in Columns tab when creating report.
SF-18654/ACM-45060	Default state of Review items -- None state is not converting to German.
SF-18665/SF-19336/ACM-44901	AD Collector fails to retrieve attributes for Active Directory LDS.
SF-18686/ACM-43914	Package Patch Readmes for WebSphere and WebLogic bits.
SF-18742/ACM-44211	CR stuck in Decision nodes after migrating from 6.0.2 HF12 to 6.8.1 HF01 with missing values in WP_PROC_NODE_TEMPLATE.
SF-18767/ACM-44176	Root cause analysis of issue: 14 CRs (65 items) were marked completed incorrectly on Oct 22nd 2013 5:05 AM.
SF-18775/ACM-44444	NetIQ LDAP directory test Collector fails with java.lang.NullPointerException at com.sun.jndi.ldap.LdapClient.getSearchReply after applying WAS patch.
SF-18805/ACM-44075	Null Pointer Exception when configuring Request Form with Provisioning (Non-Visual).
SF-18810/ACM-	Provisioning node not available to be added when editing Fullfiment Workflow after upgrade from 6.0.2 to 6.8.1 HF01.

Tracking ID	Description
44216	
SF-18971/ACM-44310	MAEDC, Performance and failure with ORA-00054: resource busy and acquired with NOWAIT specified or timeout expired, after 30+hrs.
SF-19035/SF-19203/ACM-45047	Server Error 500 while trying to do user and entitlement reviews.
SF-19062/ACM-44659	Bulk revoke of members in Role Review failing to generate proper change request.
SF-19171/ACM-44717	Red overdue flag is no longer present in 6.8.1 on Reviews / Results.
SF-19211/ACM-45486	Request to add COMMENTS and LAST_REVIEWED_DATE to V_AVR_ER_ITEM_DETAIL.
SF-19229/ACM-45085	Entitlement type “groups” not shown under results of the Compare User functionality.
SF-19262/ACM-45101	While deploying ear to a clustered WLS instance facing error in SQL scripts due to hardcoding in packages.
SF-19378/SF-9061/ACM-45148	Post Unification and RDC hanging on Populate Role Metrics Stage in the same query.
SF-19415/ACM-45941	Unable to save change made only to Event type property on Rejected changes node.
SF-19416/ACM-45171	Rule Remediator Workflow is not working as expected.

## 6.8 SP1 Patch 3

RSA IMG Release 6.8 Service Pack 1 Patch 3 includes fixed issues only. No enhancements were introduced.

### Fixed Issues in 6.8 SP Patch 3

Tracking ID	Description
ACM-40206	Maximum Exceptional Days Access can be changed persistently and to more than 180 days so the violation is not reviewed again.
ACM-40399	Add columns describing user associated with accounts in Group review Members tab.
ACM-42022	Translations from strings_de.properties not updating all expected fields in UI ACM-44689: ACM displays ?? instead of Chinese Characters.
ACM-42703	Review refresh and application of coverage files is taking longer and longer and impacts system uptime.
ACM-42829	6.8.1: "German Umlauts" are not correctly shown in the UI ACM-44026: Lotus Notes connectors and collectors implementation.
ACM-43567	X-Large initial collections for EDC and MAEDC is taking more time to process.
ACM-43973	Account reviews filtered by "in Account Group" targeting accounts with same ID as users within the group.
ACM-44373	2nd run of RDC is not completing after 14hrs runtime, initial run completed in 2hrs.
ACM-44913	ACM is showing Chinese for some strings even after changing to other language option.
SF-14722,SF-15611/ACM-37375	Incorrect Grouping by Collector in Users->Groups.
SF-17837/ACM-44584	Percentage Request Incorrect for CR where all change items already completed.
SF-18214/ACM-43256	No verification of a Change Request if entire group removed from collection.

Tracking ID	Description
SF-19047/ACM-44582	Account Data Collector Owner Field not Collecting after 6.8.1 HF01 Upgrade.

## 6.8 SP1 Patch 2

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RSA IMG Release 6.8 Service Pack 1 Patch 2 includes fixed issues only. No enhancements were introduced.

### Fixed Issues in 6.8 SP Patch 2

Tracking ID	Description
ACM-42972	Resolved SQL injection vulnerability found in workflow communications.
ACM-42979	Removed Cross-Site Scripting Vulnerability in External Form dialog.
ACM-42980	Removed Cross-Site Scripting Vulnerability in ColID table parameter.
ACM-42981	JBoss responds to HTTP OPTIONS request.
ACM-42999	Sensitive information disclosure for invalid PageIDs.
ACM-43002	Sensitive information disclosure (SQL queries and stack traces for example) when grouping tables by an invalid column IDs.
ACM-43004	Removed JBoss version information from error message.

## 6.8 SP1 Patch 1

RSA IMG Release 6.8 Service Pack 1 Patch 1 includes fixed issues only. No enhancements were introduced.

### Fixed Issues in 6.8 SP Patch 1

Tracking ID	Description
ACM-41508	Add changelist info to HotFixinfo.txt and HotFix-version.properties.
ACM-41555	Collection Perf: IDC/ADC/EDC collections times increasing on PROD and IDC/ADC/ EDC/DAC collections times increasing in DEV.
ACM-41674/ACM-41202	SOD Rules Processing performance issue - Rules Step 8/10: Update violation counts.
ACM-42241	Data resource set is not resolved correctly after the collection.
ACM-42662	Update 6.8.1 What's New Splash Page.
ACM-42694	Removed the Member table from group and role info popups for users that don't have Edit privileges on these objects.
ACM-43136	Support for country portion of locale for localizations, internationalization.
ACM-43460	After applying HF, UI won't come up due to FileNotFoundException.
ACM-43463	Collections are failing due to [com.aveksa.server.db.persistence.PersistenceServiceProvider], java.sql.SQLException: ORA-00904: "APPLICATION_REF": invalid identifier.
ACM-45780	Gather Database Statistics throwing an exception.
SF-16353/ACM-39533	Groups Not Displaying in the Access Tab of Users.
SF-16806/ACM-40579	Indirect entitlements don't verify when provisioned through accounts.
SF-17038/ACM-41762	Fulfillment handler fails at fulfillment node when set to group by user.

Tracking ID	Description
SF-17178,SF-17837/ACM-41439	Change Request completed while items are waiting for verification.
SF-17375/ACM-41609/ACM-42362	Multi-App Collector with large amounts of data causing run out of space in TEMP tablespace.
SF-17420/ACM-41778	Some columns disappear from a report after Display Header name is changed-Fixed, Integration would be done shortly.
SF-17527/ACM-41784	Server restart after enabling challenge/response functionality with a large user population results in out of memory after high CPU.
SF-17725/ACM-42404	NPE while using Provisioning command node without providing a value for a parameter.
SF-19959/ACM-45948	Performance issue adding a role to a user using a custom form.

## Known Issues and Limitations

This section lists reported issues that remain unresolved as of the latest release. If a workaround is available for an issue, it is cited.

Tracking ID	Description
ACM-55292	Users with the Application Administrator Privilege cannot add users in the account which collects from a different business source.
ACM-52520	Only the Remove Change item is included in a request which was created to add and remove approles for a user.
ACM-52471	When the Back button is selected in a request form, previously entered field values are not refreshed.
ACM-51564	The name of a reviewer selected in review definition disappears. It reappears in the review definition when the definition is subsequently saved and then re-opened for editing.
ACM-51562	Inconsistent bulk and single account review action results occur.
ACM-48298	When the "Allow Manual Activity to Complete before Collection" feature is enabled, the entitlement or application role is not added or removed.
ACM-46752	The "Data is case sensitive" setting for account data collectors does not work. Account data collection is case sensitive in all situations. For example, if the collector collects an account named "finance" and the name of the account is later changed in the data source to "Finance", the original finance account is deleted and a new Finance account is created.
ACM-48934	When a user selects "Cancel Change Request" with the "Reject Entire Request" event type selected, processed items are not rejected.
ACM-48962	The "Revoke," "Revoke All" and the "Maintain," "Maintain All" buttons are enabled in the View mode.
ACM-51644	Weblogic 10.3.6.0 and remote database environment: Migration from 602_HF26_Test_Data to 6.9.0 Patch 2 fails.
ACM-53322	A "request could not be handled" error occurs when attempting to modify a user access review definition's State option.
ACM-51465	A "Request could not be handled" error appears when configuring SOAP Web Service connector capabilities instead of a message that indicates the cause of the error.



Tracking ID	Description
ACM-54603	The error message displayed in the log file should be more detailed when RSA IMG cannot be started (acm start) after the avuser password has been changed.
ACM-56212	When a user is removed from a role and the removal is rejected by a change request approver, indirect entitlement changes for the user are not rejected.
ACM-55897	The system incorrectly generates a change request, which is auto-approved, when a reviewer maintains all items in a fine-grained role review with sign-off enabled. Consequently, the undo action cannot be performed on the maintained items in the review.

## Documentation Supplement

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The RSA IMG 6.8/6.8.1 documentation set is updated for major and minor releases. Supplemental information is available in this section for enhancements and documentation errata introduced into Release 6.8 Service Pack 1:

- [Prevent Inappropriate Access to the Aveksa Security Application](#)
- [Prevent Connection to AVPERF Errors](#)
- [Static IP Address Required for Oracle on VMware](#)
- [Incorrect Information about the Location of Database Configuration Content](#)
- [Supported Operating Systems](#)
- [Application Security Enhancements](#)
- [Secure Cookies on WebSphere and WebLogic](#)
- [About Changing an Appliance Hostname after RSA IMG Has Been Installed](#)
- [Managing a Remote Agent on Linux](#)
- [New Table Defaults Setting](#)
- [“Previous Step Status” Column in a Multi-Step User Access Reviews Lets You Group Items by the Status](#)
- [Rule Administrators Can Reassign Rule Violation Remediation Assignments](#)
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### Prevent Inappropriate Access to the Aveksa Security Application

The Aveksa application has entitlements that control who can do what in the RSA IMG application. If you are using the system-provided workflows and a user has no supervisor, it is possible for the user to request access to Aveksa entitlements and have the request fulfilled automatically without any approvals. RSA has resolved this in new installations but existing customers may encounter this.

To ensure you are properly secured:

- Ensure that the Aveksa security application has an approval workflow explicitly associated with it. See the “Approvals” section under the Requests tab in the Aveksa

application. We recommend setting this approval workflow to the Asset Business Owner approval workflow. This is how new installations are configured

- You can also choose to ensure that all supervisor approvals must be done by someone. This can be enforced by changing the setting on the Resources tab of the approval node as follows: If no approver can be resolved, ensure that an approval is assigned to a specified person.

## Prevent Connection to AVPERF Errors

This content is a supplement to the content in “Create JDBC Data Sources” on page 19 in Chapter 2, “Install RSA IMG Platform” in the RSA Identity and Access Management Platform Installation and Upgrade on WebLogic Guide

- RSA IAM Platform Aveksa Statistics Report user. The default name is AVPERF. (This is required only if Oracle Statspack is installed on the database and you want to include Statspack data in Aveksa Statistics Reports.) If you remove or disable Statspack on your database, remove the AVPERF data source and restart the database.

## Static IP Address Required for Oracle on VMware

This content is a supplement to the content in “About Installation on a VMware Virtual Machine” on page 33 in Chapter 5, "Software Installation Setup" in the 6.8.1 RSA Identity and Access Management Platform Installation and Upgrade Guide:

The Oracle database installed with RSA IMG platform requires a static IP address. DHCP is not supported.

## Incorrect Information about the Location of Database Configuration Content

The following “Purpose” section in the “Preface” in the 6.8.1 RSA Identity and Access Management Platform Installation and Upgrade Guide incorrectly states that the guide provides information on configuring a remote database:

This guide describes how to install and configure the RSA Identity and Access Management Platform appliance, install or upgrade RSA IAM Platform software on an RSA appliance or a compatible server, and configure the database in an off-appliance deployment scenario. It is intended for users who are authorized and qualified to install RSA hardware and software

The guide does not include off-appliance database configuration content. That content is covered in the Database Setup and Management Guide.

## Supported Operating Systems

This content replaces the content on page 33 in Chapter 5, "Software Installation Setup" in the 6.8.1 RSA Identity and Access Management Platform Installation and Upgrade Guide:

### Required Software on the Server

The following 64-bit operating system must be installed:

- SUSE Enterprise Linux SP 3
- RedHat RHEL 5u3 or 5u8 64-bit or RedHat RHEL 6u3 64-bit. Ensure that required Oracle 11.2.0.3 packages for RedHat are installed. Consult Oracle documentation for more information.

## Application Security Enhancements

For internal security purposes, RSA IMG uses Security Contexts, which extend entitlements to provide enhanced security to the RSA IMG platform itself. A description of these enhancements has been included in a revision to chapter 6 of the Administrator's Guide. The revised chapter (6.8\_Administrator's Guide\_Chapter 6\_Replacement.pdf) is available for download in the download at in the P05 folder at: <https://sftp.rsa.com/human.aspx?r=233173966&Arg12=filelist&Arg06=993678982>

For customers who are not licensed to use Access Request Manager, it is not possible to grant granular entitlements to users by default. RSA recommends that you create a role with the particular entitlements that you want to grant to the user and assign the role to the user. Alternatively, you can change the system settings to allow entitlements to be assigned from the User > Privileges screen.

To change the system settings:

1. Log in to the system.
2. Click Admin > Settings.
3. Click Edit.
4. Add the following custom attribute and set it to true.  
custom.PrivilegesShowEntitlements
5. Click Save.
6. Click OK.

You can now access entitlements from the Privileges tab in the User screen.

## Secure Cookies on WebSphere and WebLogic

Securing cookies on WebSphere and WebLogic prevents the cookies from being transmitted in clear text over unencrypted channels. This ensures secure transmission of data in the cookies.

Supplement to the “RSA IAM Platform Security: SSL Configuration and Authentication” chapter in the Installation and Upgrade on WebSphere Guide V6.8.1:

#### Enabling Secure Cookies on WebSphere

Note: Before enabling secure cookies, ensure that the WCInboundDefaultSecure web container transport chain is enabled. Note the SSL port number of this chain. To see the SSL port number, in the WebSphere administrative console click Servers > Server Types > WebSphere application servers > <server-name> > Web Container Settings > Web container transport chains.

To enable secure cookies on WebSphere 8:

1. From the Servers menu, select WebSphere application servers > <server-name>.
2. Under Container Settings, click Session management.
3. Click Enable cookies.
4. Enable the Restrict cookies to HTTPS sessions setting.
5. Click OK to save the changes.

RSA IMG is now accessible only over the SSL port configured in the WCInboundDefaultSecure web container.

To enable secure cookies on WebSphere 7:

1. From the Servers menu, select Server Types > WebSphere application servers > <server-name> > Web Container Settings > Web container.
2. Under Additional Properties, select Custom Properties.
3. On the Custom Properties page, click New.
4. On the Settings page, in the Name field, enter com.ibm.ws.webcontainer.HTTPOnlyCookies.
5. In the value field, enter an asterisk (\*).
6. Click Apply or OK.
7. On the console task bar, click Save.
8. Restart the server.

RSA IMG is now accessible only over the SSL port configured in the WCInboundDefaultSecure web container.

Supplement to the “RSA IAM Platform Security: SSL Configuration and Authentication” chapter in the Installation and Upgrade on WebLogic Guide V6.8.1:

#### Enabling Secure Cookies on WebSphere

To enable secure cookies on WebLogic:

**Important:** The secure cookie setting described in this section is overridden when RSA IMG is upgraded. Therefore, you must enable secure cookies after you upgrade to retain secure cookie transmission from WebLogic.

1. Open the weblogic.xml file that is located in the aveksa.war/WEB-INF directory path.
2. Add the secure cookie session descriptor:

```
<session-descriptor>

<cookie-secure>true</cookie-secure>

</session-descriptor>
```

3. Save your changes to weblogic.xml.
4. Recreate the Aveksa EAR and redeploy the EAR. For more information, see “Deploy the Aveksa EAR” in the chapter “Install RSA IAM Platform on WebLogic” in the RSA Identity and Access Management Platform Installation on WebLogic Guide.

## About Changing an Appliance Hostname after RSA IMG Has Been Installed

This content replaces Step 2 on page 19 in the “Configure TCP/IP and Time Zone Settings on the Appliance” section of “Chapter 2, Installing the IAM Platform Appliance” in the RSA Identity and Access Management Platform Installation Guide:

2. Run the modifyhostname script if you want to change the hostname:

**Important:** modifyhostname.sh requires the server to be stopped (service aveksa\_server stop), but Oracle must be running (service aveksa\_server startoracle) if it is installed.

```
sudo modifyhostname.sh <hostname.domain name>
```

**Important:** If you change the hostname on an appliance that already has RSA IAM installed, you must update your server certificate. See "Generate a Server Certificate" on page 44 for information on updating your server certificate. If you change the hostname after you have a signed certificate installed, you must generate a new signed certificate with the new hostname and domain name. If you change the server certificate and Access Fulfillment Express (AFX) is enabled in your installation, you must update the certificate in AFX. See “Change an AFX Server SSL Certificate” in the Access Fulfillment Express Guide for more information.

Before completing additional steps, you must stop Oracle (service aveksa\_server stoporacle).

## Managing a Remote Agent on Linux

This section replaces the content included in “Managing a Remote Agent in Linux” in “Appendix B, Working with Agents” in the “Collectors Guide.”

### Managing a Remote Agent on Linux

This section describes how to install and manage a remote agent on Linux.

#### Installing the Avekسا Remote Agent as a Service on Linux

To install the Agent on Linux:

1. Create an unprivileged account for the agent to run in (agent account for example).
2. For the agent account, export JAVA\_HOME and put \$JAVA\_HOME/bin on the path.
3. Copy the AvekساAgent subdirectory to a directory in the agent account where you wish to have the software, /home/agent/Avekسا for example. This would be the remote agent home directory.

The result would be <agent-home>/AvekساAgent as the location of the remote agent software.

4. Change permissions of all files to the agent account. Make everything in bin executable

```
cd <agent-home>/AvekساAgent
```

```
chmod 755 bin/*
```

5. As root, create a link to the startup script:

```
ln -s path-to-AvekساAgent/bin/aveksa_agent /etc/init.d/aveksa_agent
```

6. As root, add the service (aka Daemon) and enable it:

```
chkconfig --add aveksa_agent
```

```
chkconfig aveksa_agent on
```

```
chkconfig --list aveksa_agent
```

#### Starting and Stopping the Agent Service on Linux

To start and stop the agent:

```
Start: service aveksa_agent start
```

```
Stop: service aveksa_agent stop
```

#### Uninstalling the Agent Service on Linux

1. Enter these commands:

```
sudo chkconfig aveksa_agent off
```

```
sudo chkconfig --del aveksa_agent
```

```
sudo rm /etc/init.d/aveksa_agent
```

2. Delete the agent daemon directory by removing the directory where the Aveksa Agent was installed as described in the “Installing the Aveksa Remote Agent as a Service on Linux” section. This should be done as the same account/user that was used to install the Aveksa Agent.

```
rm -r agent-home/AveksaAgent
```

## New Table Defaults Setting

The following table row replaces the Table Defaults row in the System Settings table on page 38 in the “Specifying System Settings” section in the Administrators Guide. It includes information on the new “Table Header” configuration setting.

Table Defaults	<ul style="list-style-type: none"> <li>• Rows/Page: Lets you specify the maximum number of rows per page.</li> <li>• Note: You can restrict the maximum number of table rows per page that can be selected by entering a maximum value for the “MaxRowsPerPage” parameter in the Custom Parameter section. For example, if you want to restrict the maximum number of rows that can be configured for this setting to 250 enter: MaxRowsPerPage = 250.</li> <li>• Wrap Header: Lets you specify the whether text wrapping is allowed in table heading rows.</li> <li>• Wrap Data Cells: Lets you specify the whether text wrapping is allowed in table cells.</li> <li>• Table Header: Lets you to specify whether “Table Options” is available (expanded) by default in a review.</li> </ul>
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## “Previous Step Status” Column in a Multi-Step User Access Reviews Lets You Group Items by the Status

The following content replaces the content on page 117 in the “Perform a User Access Review” section in the “Reviews” chapter in the User Tasks Guide.

### If Your User Access Review Is Part of a Multi-Step Review

Your user access review may be part of a multi-step review. Your review may be the first or a subsequent review in the multi-step sequence. If your review is part of a multi-step review, it indicates that it is by displaying this text:

This review is step <1, 2, 3, and so on> of a <some number> step review called <some review name>



If your review is any review in the sequence other than the first, the update buttons (Maintain, Revoke, or custom buttons) include a checkmark indicate that the update occurred in the previous review in the sequence. The “Previous Step Status” column also indicates the previous action. You can group review items by the status designation.

You can amend these updated items without restriction. No special action on your part is required for a user access review that is part of a multi-step review.

You simply perform your review just as you would for a user access review that is not part of a multi-step review. If you have sign-off privileges to the review, your sign offs commit the updates to the review just as they would for a user access review that is not part of a multi-step review. However, if the review is part of a multi-step review the signed-off review items can be amended in a subsequent review in the multi-step sequence.

## Rule Administrators Can Reassign Rule Violation Remediation Assignments

The following content replaces the content on page 160 in the “Access Rule Violations Details” section in the “Rules” chapter in the User Tasks Guide.

### Access Rule Violation Details

The Rule Violations details page provides details about a specific rule violation and lets rule administrators to view rule remediation instructions and reassign violations.

To view rule violation details:

1. Click the Rules tab.
2. Access the rule violations using either of the methods described in “Access Views of Rule Violations” on page 160.

A list of violations appears.

3. Click the Violation Id link for the violation you want to view.

A details view of the violation appears:

- The Details tab includes summary information about the violation and the rule condition that precipitated the violation. It also displays the rule violation remediation instructions and lets you, an administrator, reassign the remediation from the current assignee to another.

The reassignment capability ensures that rule administrators can assign rule violation remediation tasks to users in the event that previous assignees are unable to complete any actions with their tasks (an assignee is terminated for example).

- The History tab lets you enter comments and lists previously entered comments and violation reassignment actions.

These tabs appear in every rule violation details view that can be invoked throughout RSA IMG.

## More Detailed Information Columns Available from Exceptional Access Views

The following content replaces the content on page 161 in the “Access Rule Violations Details” section in the “Rules” chapter in the User Tasks Guide.

### Viewing Rule Violation Exceptions

You can view information about exceptions that have been granted to users whose entitlements violate user access or SoD rules.

To view rule exceptions:

Click Rules and select Exceptional Access.

The Exceptional Access window appears:

- The Show options enable you to view current and expired exceptional access and both.
- The Exceptional Access table displays information about each instance of exceptional access, including the name of each rule that was violated, the name of the user with or who had exceptional access, and information violating entitlement, the exception termination date, and the business justification for the exceptional access. You can display additional columns such as the “Rule Type” and “Rule Description” from Table Options , and you can group entries in the table by column type whether they are displayed or not.

You can click the Exceptions ID link for an exception to view additional details..

See “Remediating the Rule Violations Assigned to You” on page 27 for information on granting exceptions to users who have violating access.

## Enhanced Language Support

The following content replaces the content on page 27 in the “Using the Language Tab” section in “Chapter 1: Getting Started with RSA IAM Platform” in the Administrators Guide.

### Using the Language Tab

By default, the RSA IAM Platform user interface is set to the language to which your internet browser is set. You can override your browser setting with the following languages:

Browser language	English	French
German	Chinese (China)	Chinese (Taiwan)
Italian	Japanese	Russian
Portuguese (Brazil)	Spanish (Mexico)	Spanish (Spain)

Note: Other language selections may be included. See the Installation Guide for information on how to create custom localization files for other languages.

To specify a language setting:

1. Click the Language tab.
2. Select a language option.
3. Click OK to save your setting.

## TCP org 8089 Port Usage by Access Fulfillment Express

This section replaces the “AFX Ports” section on page 15 in “Chapter 2: Installing Access Fulfillment Express” in the AFX Guide.

AFX Ports

AFX Uses the following ports:

- 61616: ActiveMQ JMS port
- 8585: MMC port
- 8444: Port configured for installation on WebSphere and WebLogic. See the Installation and Upgrade on WebSphere Guide and the Installation and Upgrade on WebLogic Guide for information on port configuration when AFX is installed those platforms.
- 8089: Default port for RESTful WebService connectors for receiving asynchronous callback messages. This port will be used by endpoints which process AFX requests asynchronously to send a response back to AFX at a later point in time (once the request has been processed for example). The response would contain information that AFX can use to determine if the request was successfully processed or if an error was encountered.