

# **RSA® Identity Governance and Lifecycle**

**V7.0.1 Patch 4**

**Release Notes**



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## Install a Patch

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This section explains how to apply a patch to RSA Identity Governance and Lifecycle appliance and soft-appliance installations and how to upgrade Access Fulfillment Express (AFX) connectors. Patches are cumulative.

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

### Considerations

- As of 7.0.1 Patch 4, the way in which RSA Identity Governance and Lifecycle handles business descriptions for groups has changed.

**Important:** If your RSA Identity Governance and Lifecycle deployment includes business descriptions for groups, run the pre-migration queries for group business descriptions to identify any business descriptions that will be automatically deleted during the update process. For more information and the queries, see [Migration Queries for Group Business Descriptions](#).

- Database: This advisory applies only to patch upgrades for installations that use a remote customer-supplied database. The patch process may run SQL against various tables in the database. Consequently, no database procedures should be running against the remote, customer-supplied database schema during the patch installation. Make sure the database is idle before applying the patch.

**Note:** For an appliance with a local, RSA-supplied database, the patch script will stop and start the local database to insure that this requirement is met.

- Clustered Environment: If you are running in a clustered environment, only one node must be used during the patch update process. Stop all other nodes in the cluster to avoid multiple nodes attempting a database migration. Validate the patch has been applied and the one node is working as expected before patching other nodes in the cluster or enabling farming to push ear changes to other nodes.
- WebLogic: The patch requires RSA Identity Governance and Lifecycle to be re-deployed. See the *Installation Guide* for instructions.
- WebSphere: After you deploy the patch, you must restart RSA Identity Governance and Lifecycle. When you start RSA Identity Governance and Lifecycle after applying the patch, SQL processing is performed. After SQL processing is complete, restart RSA Identity Governance and Lifecycle again, to ensure that any patch processing takes effect.  
To stop and restart RSA Identity Governance and Lifecycle on a WebSphere server:

1. In the WebSphere console, go to Applications.
  2. Under All Applications, select aveksa.
  3. Click Stop to stop the RSA Identity Governance and Lifecycle.
  4. After the aveksa application has been stopped, click Start to start RSA Identity Governance and Lifecycle.
- Wildfly: The patch contains a deployment script, patch.sh, to install the patch..
  - AFX Connectors: If you are running AFX, this patch release includes updated connector packages. You must download and import the packages. See the instructions below.
  - JDK Security Updates: As part of the patch, you have the option to download and install an upgrade to the JDK that provides security updates. See the instructions below.

## Migration Queries for Group Business Descriptions

**Important:** When updating or migrating RSA Identity Governance and Lifecycle from a previous version, RSA Identity Governance and Lifecycle deletes group business descriptions that are not actively in use. Before you migrate, run the following pre-migration queries to identify any group business descriptions that will be deleted by the migration process. If you still need these group business descriptions, you can re-import them with an application reference in the import file, or you can manually recreate them after migration.

Review the results of each query to determine if any of the identified business descriptions are still needed. You must manually recreate or import the identified business descriptions in the new system after migration is complete.

### Unused Group Business Descriptions Not Associated with an Application

The following query identifies all group business descriptions that are not associated with an application, and that are currently unused. These business descriptions will be automatically deleted during migration.

```
SELECT
    id,
    'Group' as Type,
    object_filter AS "Object Filter",
    alt_name AS "Display Name",
    short_desc AS "Short Description",
    long_desc AS "Long Description",
    url_ref as "Help Link"
```

```

FROM
    t_av_business_description a
WHERE
    NOT EXISTS (
        SELECT
            application_id
        FROM
            t_groups b
        WHERE
            b.filter_id = a.id
    )
    AND a.scope_id IS NULL
    AND a.is_deleted = 'FALSE'
    AND a.object_type = 4
    AND a.applies_to_set = 'FALSE';

```

## All Unused Group Business Descriptions

The following query identifies all unused group business descriptions regardless of their association with an application. These business descriptions will be automatically deleted during migration.

```

SELECT
    id,
    'Group' as Type,
    object_filter AS "Object Filter",
    alt_name AS "Display Name",
    short_desc AS "Short Description",
    long_desc AS "Long Description",
    url_ref as "Help Link",
    (select name from t_groups where id =
    a.scope_id) as "Group Name",
    (select name from t_applications where id =
    a.scope_id) as "Application Name"

```



```

FROM
    t_av_business_description a
WHERE
    NOT EXISTS (
        SELECT
            application_id
        FROM
            t_groups b
        WHERE
            b.filter_id = a.id
    )
AND a.scope_id IS NOT NULL
AND a.is_deleted = 'FALSE'
AND a.object_type = 4
AND a.applies_to_set = 'FALSE';

```

## Group Business Description Table

As the ACM schema owner, run the following SQL statement to create a table that allows RSA Identity Governance and Lifecycle to determine a group's business description state during migration.

```

declare
v_tbl_count number;
Begin
    select count(*) into v_tbl_count
    from user_tab_columns
    where table_name = 'TEMP_BUSDESC';
    if v_tbl_count > 0 then
    execute immediate 'drop table temp_busdesc purge';
    end if;
    execute immediate

```

```
'CREATE TABLE temp_busdesc
      AS
      SELECT
            name,
            id,
            filter_id,
            application_id
      FROM
            t_groups
      WHERE
            filter_id !=-1';

end;

/
```

## Install the RSA Identity Governance and Lifecycle Patch

Use this procedure to install the patch on appliance and soft-appliance installations.

**Important:** Installing a patch overwrites all custom configuration settings. You must manually restore the settings after the upgrade.

### Procedure

1. If you have AFX installed, using the AFX user account, shut down all of the AFX instances before installing the patch upgrade:  
`<path-to-AFX_installation-directory>/AFX/afx stop`
2. Download the upgrade files.
  - a. Go to [RSA Link](#), then click Log In and enter your user name and password.
  - b. Click RSA Identity Governance and Lifecycle.
  - c. Click Downloads > RSA Identity Governance and Lifecycle 7.0.1.
  - d. Click Version Upgrades.
  - e. Click the Upgrade link for your licensed RSA Identity Governance and Lifecycle asset.
  - f. Click Continue.
  - g. On the Order Detail page, click the menu icon and select Product List.

- h. Click the Archive tab, then click the name of the patch to download.
        - i. Download the following files:  
Aveksa\_<VersionNumber>\_P<PatchNumber>.tar.gz  
upgradeJDK<version>\_<revision>.tar (optional JDK update for security updates)
3. (Optional) If you chose the JDK upgrade, do the following:
  - a. Change to the Oracle directory: `cd /home/oracle`
  - b. Decompress and untar the file: `tar vxf upgradeJDK<version>_<revision>.tar`
  - c. Log in as root and run the following commands:
    - i. `cd /home/oracle/upgradeJDK<version>_<revision>`
    - ii. `chmod 777 *`
    - iii. `cd deploy/`
    - iv. `chmod 777 *`
    - v. `cd ..`
    - vi. `sh upgradeJDK<version>_<revision>.sh`
4. To decompress and untar the patch file, Aveksa\_<VersionNumber>\_P<PatchNumber>.tar.gz, run the following commands:
  - a. `cd /home/oracle`
  - b. `tar zvxf Aveksa_<VersionNumber>_P<PatchNumber>.tar.gz`
5. Log in as root and run the patch.sh installation script in the directory created in Step 4. Run the following commands:
  - a. `cd /home/oracle/Aveksa_<VersionNumber>_P<PatchNumber>`
  - b. `sh patch.sh`
6. When the patch script completes, restart RSA Identity Governance and Lifecycle. Run the following command:  
`acm restart`

## Download and Import AFX Connector Packages

If your RSA Identity Governance and Lifecycle deployment uses Access Fulfillment Express (AFX), use this procedure to download and import the AFX connector package. Reference the instructions in Step 2 above for accessing the software from [RSA Link](#). In this case, look for an AFX link from Version Upgrades.

### Procedure

1. Download the Connector package files to a directory local to the browser client from which you plan to import the packages:
  - AFX-<Product\_Version>-Standard-Connectors.zip
  - AFX-<Product\_Version>-Premium-Connectors.zip (SAP customers only)
2. Log on to RSA Identity Governance and Lifecycle.
3. Click AFX > Import.
4. Import the packages.
5. Run the following command:  
`<path-to-AFX_installation-directory>/AFX/afx start`

## Release 7.0.1 Patch 4

Information about the 7.0.1 Patch 4 release is included in the following sections:

- [What's New in Release 7.0.1 Patch 4](#)
- [User Interface Changes in Release 7.0.1 Patch 4](#)
- [Fixed Issues in 7.0.1 Patch 4](#)
- [Known Issues in Release 7.0.1 Patch 4](#)

### What's New in Release 7.0.1 Patch 4

Feature	What's New
Platform	Upgraded OpenJDK to version 141 to provide the latest patches and security vulnerability fixes.
User Interface	jQuery has been upgraded to version 2.2.4, to enhance security.

### User Interface Changes in Release 7.0.1 Patch 4

The following table describes changes that affect the user interface or behavior of RSA Identity Governance and Lifecycle as the result of fixed issues.

Feature/Issue	Description
<b>Adding Fields to Access Request Forms</b> SF-843527 ACM-67287	<p>Support has been added for connecting to a web service using authentication when adding a field to an access request form.</p> <p>When you add a field to an access request form and select the control type "Drop Down select with Web Service", under Options, you can now configure the Authentication Type, Authentication User, and Authentication Password for the connection to the web service.</p>
<b>Group Business Descriptions</b> SF-864475 ACM-69179	<p>RSA Identity Governance and Lifecycle now requires that business descriptions for groups contain an application scope.</p> <p>When you create a new business description for a group that does not apply to a set, you must select an application with which to associate the business description before you can select the group.</p> <p>When you import business descriptions from an XML file, you must ensure that an application is specified for each business description that applies to a group.</p>

Feature/Issue	Description
	<p><b>Important:</b> When updating or migrating RSA Identity Governance and Lifecycle from a previous version, RSA Identity Governance and Lifecycle deletes group business descriptions that are not actively in use. Before you migrate, run the provided pre-migration queries to identify any group business descriptions that will be deleted by the migration process. If you still need these group business descriptions, you can re-import them with an application reference in the import file, or you can manually recreate them after migration. For more information, see "Migration Queries for Group Business Descriptions" under <a href="#">Install a Patch</a>.</p>
<p><b>Handling of Deleted Users</b></p>	<p>The way in which the identity collection and unification processes handle deleted users has been updated. Some relationships for deleted users remain mapped in the system for governance and auditing purposes. For more information on how RSA Identity Governance and Lifecycle handles deleted users, see the Help topic "How Identity Unification Processes Deleted Users."</p>
<p><b>Data Collection Processing and Management</b> SF-919973 ACM-72616</p>	<p>The Last Collected On field for individual accounts listed under an account collector now displays the last successful collection date, even if the data has not been updated since a prior collection. If an account has been deleted, the Last Collected On field displays the deletion date.</p>

## Fixed Issues in 7.0.1 Patch 4

The following issues have been fixed in 7.0.1 Patch 4.

### Access Certification

Issue	Description
<p>SF-803269 SF-927964 ACM-63517</p>	<p>Specifying date-type attributes for user review criteria resulted in the following error: ORA-01840: input value not long enough for date format.</p>
<p>SF-942083 ACM-73900</p>	<p>Reviewers were unable to complete sign offs and received the following error message: "Failed to save the review components."</p>

## Access Requests

Issue	Description
SF-959975 ACM-74600	The Fulfillment Handler was using the XML configuration instead of the internal configuration.
SF-942388 SF-955309 ACM-73931	Revocation change requests did not display work items.

## Authentication

Issue	Description
SF-854649 SF-851361 ACM-67933	Users that were deleted and then re-activated could not login using ADC authentication.

## Change Requests and Workflows

Issue	Description
SF-943653 ACM-73734	In the new Workflow Editor, the context menu for workflow variables was missing the options Previous Node Assigned To and Previous Node Completed By.
SF-928182 ACM-73104	The number of escalations in a workflow was incorrectly limited.
SF-866742 ACM-69358	When creating a workflow for custom tasks, using the automatically populated Reference Name resulted in an error.
SF-950758 SF-958618 ACM-74131	When accounts were disabled, an incorrect change request item was created.
SF-874232 ACM-71674	When creating a change request, the user selection screen appeared twice when multiple forms were configured.
SF-889452 ACM-72560	The Cancel Change Request node for manual fulfillment workflows listed Reject Change Request selections that were not actually available for use.
SF-816607 SF-787423	A high workflow volume of excessive Oracle transactions could, due to a race condition, cause some workflow requests to be stuck in open state, stall

Issue	Description
SF-799534 SF-944220 ACM-67252 ACM-73747 ACM-63718	on nodes like the Manual Fulfilment Node, or generate an ORA-02291 integrity constraint error.
SF-956207 ACM-75139	In a manual activity workflow, a Mark Verified Node could erroneously complete verification of manual fulfillments.
SF-745588 ACM-60984	The user using the REST Web Services Node was unable to set "Content-Type", which instead defaults to "text/plain".
SF-920455 SF-910312 ACM-73174	When "Wait for Result" was selected, workflows were stuck in the Provisioning Command phase.
SF-895630 ACM-71205	Workflow Java node was unable to save configuration.
SF-845740 ACM-67829	After pending submission change requests were removed by a clean-up task, the pending accounts were deleted but the dependent change request items remained.
SF-913090 ACM-72140	A group entitlement was not included in a change request when added from a role review.

## Collector

Issue	Description
SF-890141 ACM-70748	The example string for the Oracle Database collector URL had a typo that replaced a forward-slash with a colon.
SF-967914 ACM-75176	Identity collection removed an account from the Access tab when a user was marked as deleted.

## Connector

Issue	Description
SF-882233 ACM-71264	When a chain of certificates was involved in the handshake, the SOAP connector failed over 2-way SSL.



Issue	Description
SF-877139 ACM-70139	Attribute values edited to be blank did not carry over to the connector in attribute synchronization.
SF-966500 ACM-75158	Stored procedures called using a DB2 connector returned a null pointer exception.
SF-947029 ACM-74335	Unable to create a connector with a generic database using the DB2 connector template.

### Custom Attributes

Issue	Description
SF-1005057 ACM-77084	Changing the name of a custom attribute prevented service startup due to CHANGED_USERS_TYPE not compiling as expected.

### Dashboard

Issue	Description
SF-871409 SF-905933 SF-921603 SF-927362 SF-953819 ACM-70140	The My Requests dashboard displayed incorrect values for All Requests, Pending, and Completed.
SF-961911 ACM-74697	When the custom attribute ForcePageCleanup was used, "Request could not be handled" errors appeared when switching pages in the UI.

### Data Collection Processing and Management

Issue	Description
SF-944541 ACM-73810	During collection, some groups could not be created when attribute values were null.
SF-907978 SF-919973 ACM-72044	After a collection failed, the Last Collection Date displayed the date of the last successful collection, but the Last Collection Status flag displayed the status of the most recent collection, regardless of its success. This could result in the Last Collection Date displaying the date of a successful collection, while displaying a red (failure) flag to indicate a more recent

Issue	Description
	unsuccessful run.
SF-919973 ACM-72616	The Accounts data table for an ADC incorrectly displayed the Last Collected Date after a successful run.
SF-874496 ACM-69828	Pagination was not working on the Attribute Synchronization page.
SF-968405 ACM-75062	When applying entitlements to a group and finding either sub-group members or groups that are entitlements in Collected Global Roles, group resolution was incorrectly case-sensitive.
SF-948261 SF-959587 SF-964145 SF-973841 SF-957979 ACM-73932	Identity collector could fail when USER_ID is used in a Unification Join.
SF-955199 ACM-74460	Indirect Relationship processing did not reliably succeed because of Oracle error ORA-30926.

## Data Governance

Issue	Description
SF-955928 ACM-74779	Users with both monitor and reviewer roles lost review items after reassignment from reviewer to monitor.

## Database Management/Performance

Issue	Description
SF-970037 SF-983047 SF-982768 ACM-75178	In some WebSphere environments, the WebSphere server did not deploy an RSA Identity Governance and Lifecycle application web service because it could not generate the WSDL file.
SF-856272 SF-920947 ACM-68175	After clicking the Add Members button in a role, the Suggested Members view took over 20 minutes to load the list of users.

## Descriptions

Issue	Description
SF-864475 ACM-69179	Business descriptions for groups were deleted by the system during post-collection processing.

## Email

Issue	Description
SF-865404 ACM-69677	Emails containing non-ASCII (UTF) character encoding were not sent properly.
SF-846422 SF-952095 ACM-68937	When the approver node in an access request workflow used Email Reply Processing, an HTML email response could not be parsed correctly.
SF-950680 SF-957202 SF-958008 ACM-74072	After a workflow update using the Workflow Editor, activity nodes in the workflow could not send email.
SF-834136 ACM-69395	Email nodes in a request workflow, which were not processed within an approval workflow, sent messages with blank role names.
SF-955052 SF-945843 SF-969211 SF-983060 ACM-73143	Source edit attempts for workflow email HTML did not consistently work.

## Installer

Issue	Description
SF-898282 ACM-73228	Running the database migration script, Upgrade/Initialization/postupdate/ACM-65126.sql, took an excessively long time.
SF-817368 ACM-64887	Removed dependency on /tmp/aveksa/staging when running the generateLoginKey.sh tool.

## Localization

Issue	Description
SF-895722 ACM-71558	The Sample Date form displayed "NaN" in some fields when the browser language was set to a non-English language.

## Migration

Issue	Description
SF-950767 ACM-74441	The custom user attribute SUPERVISOR_NAME conflicted with an existing, identical attribute during a schema migration.
SF-976839 ACM-75848	During migration, the file ACM-60520.sql was running for several hours.
SF-974794 ACM-75390	Database migration to 7.0+, when applying the ACM-61839.sql patch, did not succeed due to Oracle error ORA-30926 because groups with duplicate names are no longer allowed when collected for the same application by different collectors.

## Password Management

Issue	Description
SF-873800 ACM-74080	In a RedHat environment with a remote database, users experienced slow user interface performance when updating challenge questions.
SF-929698 ACM-73096	Password policy was failing when the hyphen (-) character was included in the list of minimum required characters.

## Request Forms

Issue	Description
SF-843527 ACM-67287	Fields could not be added to a request form using a web service with basic authentication.

## Role Management

Issue	Description
SF-920150 ACM-72275	A change to a Role in a Role Set could not be reverted.

Issue	Description
SF-972385 ACM-75248	Groups could not be edited normally after their initial configuration.
SF-965884 SF-964297 ACM-74834	Performance issues occurred when adding users and entitlements to a Role with active rules.
SF-928834 ACM-73183	The Add entitlements button became hidden in unnecessary contexts.
SF-941379 ACM-73630	When entitlements were added to roles through the Add Entitlements option in Actions, roles in role sets that restricted available entitlements could be displayed as selected, despite that the option was designed to pick only roles that allowed all Entitlements.
SF-968444 ACM-75121	Filters for entitlements and application roles did not function as intended on the second step of a multi-step user review.
SF-832188 ACM-66415	Role Discovery is not working in cases where entitlement matching criteria is not specified

## Rules

Issue	Description
SF-928144 ACM-72795	Implicit Account Removal was not working as expected.
SF-881484 SF-934461 ACM-70087	Provisioning termination rule did not generate change requests for Disable Accounts and Revoke Entitlements.

## User Interface

Issue	Description
ACM-75407	OpenJDK was updated to version 141 for security fixes.

## Web Services

Issue	Description
SF-884876	When the initial Register User web service was under load, it periodically

Issue	Description
ACM-70610	failed to correctly pass variables into the workflow.
SF-953127 ACM-74334	SOAP requests sent to the ServiceNow Cloud through the SOAP web service node using proxy authentication were failing.

## Release 7.0.1 Patch 3

Information about the 7.0.1 Patch 3 release is included in the following sections:

- [What's New in Release 7.0.1 Patch 3](#)
- [Fixed Issues in 7.0.1 Patch 3](#)

### What's New in Release 7.0.1 Patch 3

Feature	What's New
Connectors	Audit log now includes events for creating, modifying, and deleting a connector.
Database Management	Database statistics now exclude externally defined tables.

### Fixed Issues in 7.0.1 Patch 3

The following issues have been fixed in 7.0.1 Patch 3.

#### Access Certification

Issue	Description
SF-875454 ACM-69612	A review generation is stuck on a certain step due to performance issues caused by the STG table.
SF-820993 ACM-65054	In Group Reviews, when signing off a deleted group item, a null pointer exception occurs.
SF-889059 SF-911366 ACM-70690	A review that was unable to complete caused an error during restart that prevented the user interface from loading.

#### Access Requests

Issue	Description
SF-909706 ACM-72131	On the By Entitlement tab of the My Activities page, an account's custom attributes were not populated.

Issue	Description
SF-895216	When a change request containing direct and indirect entitlements for multiple users was rejected for an individual user, the indirect entitlements were incorrectly rejected for all users in the change request.
SF-903529 SF-890332 SF-908531 SF-934592  ACM-71833 ACM-73254	In a form-based workflow where forms were approved and then fulfilled, the workflow intermittently skipped the approval step.
SF-825742 SF-768664  ACM-68221	When adding entitlements to users, some account template forms are not displayed.
SF-959975  ACM-74600	The Fulfillment Handler was using the XML configuration instead of the internal configuration.

## Account Management

Issue	Description
SF-811933  ACM-64492	Group membership is not displayed under <b>Users &gt; Me &gt; What Access &gt; Account &gt; Groups</b> .
SF-894540  ACM-71583	After deleting account mappings, entitlements associated with the mapped accounts were still displayed under the User Access tab.
SF-894535 SF-941753  ACM-71731	Accounts that were mapped manually from an import file before upgrading could not be unmapped in bulk.

## Authentication

Issue	Description
SF-873800  ACM-69594	When users updated the answers to their challenge questions, saving the new values took an unusually long time.



## Change Requests and Workflows

Issue	Description
SF-880897 ACM-70091	Changes and configurations in the new workflow nodes are not saved properly.
SF-746543 ACM-63437	During account creation, when AFX reports a failure due to a duplicate user, the associated change request reports a success.
SF-893870 ACM-70786	If an account has been deleted before a Change Request item has been fulfilled, upon completion of fulfillment node a null pointer exception occurs.
SF-814796 SF-840524 SF-817772 SF-804825 ACM-67872	When a change request is not successfully submitted, pending accounts remain in the system until manually cleaned up.
SF-917117 ACM-72339	In the Workflow Editor, saving SQL nodes with the variable type Public could result in the Oracle error: "ORA-00972: Identifier is too long."
SF-943653 ACM-73734	In the new Workflow Editor, the context menu for workflow variables was missing the options Previous Node Assigned To and Previous Node Completed By.
SF-928182 ACM-73104	The number of escalations in a workflow is incorrectly limited.
SF-900111 ACM-71407	The Workflow Editor displayed the following error message when processing a request for a user with no supervisor: "The querySplitsForNode operation requires an input value named 'nodeId'".
SF-866742 ACM-69358	When creating a workflow for custom tasks, using the automatically populated Reference Name resulted in an error.
SF-842253 ACM-67139	Tooltip messages on a rejected change request incorrectly indicated that there was an error.

## Collector

Issue	Description
SF-855812 ACM-68176	Disabled accounts collected using the Lotus Notes collector are incorrectly displayed as active.

Issue	Description
SF-00909993 SF-00907746 SF-00906213 SF-00915126 SF-00917341 SF-00929895 ACM-71772	ADCs are failing with the following error: "Unprocessed Continuation Reference".
SF-881641 ACM-70617	When a collected date did not match a supported date format, the entire collection fails, and the error ORA-01830 is displayed.
SF-903111 ACM-71836	Lotus Notes collections failed when attempting to use SSL communication.

## Data Collection Processing and Management

Issue	Description
SF-862923 ACM-68888	When collecting from two Identity Collectors, the user attribute mapping is not honored when the user records are collected over different unification runs.
SF-879854 SF-880044 ACM-69827	When collecting roles, a Role Collector fails if not also collecting members because of expected resolution rules for a user.
SF-881281 ACM-69893	The "Active and Availability" status incorrectly shows the user as active despite being terminated or deleted.
SF-883207 ACM-70129	The Identity Collector Unification runs for an extremely long time during data clean up.
SF-805942 ACM-67393	When an invalid Business Unit is updated in a collection, a user's data is not properly updated in the UI.
SF-877679 ACM-69665	Account Data Collectors are taking much longer than expected to execute and appear to be stuck on a single step.
SF-822954 ACM-65328	In SOAP and REST Nodes, embedded variables are not being substituted correctly and are sent as null.

Issue	Description
SF-843099 ACM-67381	The Active Directory ADC is unable to collect group memberships for accounts with DNs longer than 256 characters.
SF-884658 ACM-70600	IDC processing is slow during the Populate Role Metrics step.
SF-903491 ACM-71396	Active Directory collections are failing during preprocessing, with date attribute well into the future.
SF-758832 ACM-62291	When the truncate data option is selected, strings with multi-byte data are not properly parsed.
SF-854003 ACM-70365	When unifying multiple IDCs, some attributes are not populated.
SF-920141 ACM-71086	Role data collection fails with the following error: ORA-06536: IN bind variable bound to an OUT position.
SF-903491 ACM-71396	When a single expiration date for an account was collected in an unsupported format, the Active Directory collections failed.
SF-829704 ACM-66345	When an Active Directory account collection contained an attribute with a date value in an unsupported format, the entire collection failed.
SF-907379 ACM-71714	After enabling the Complete Manual Activity Before Collection feature, duplicate user entitlements appeared when the collector collected the added entitlements.
SF-831492 ACM-66204	Collected user accounts mapped to unique identity attributes, such as email address, were not unmapped and orphaned when the value of the identity attributes changed.
SF-737360 ACM-57480	The Active Directory ADC is unable to map the group owner to a user attribute that is longer than 256 characters.
SF-914637 SF-915168 SF-925035 SF-932268 ACM-71877	After upgrading, indirect processing failed due to duplicate entries of manually mapped accounts in the T_CE_EXPLICIT_RELATIONS table.
SF-907978	After a collection failed, the Last Collection Date displayed the date of the

Issue	Description
SF-919973 ACM-72044	last successful collection, but the Last Collection Status flag displayed the status of the most recent collection, regardless of its success. This could result in the Last Collection Date displaying the date of a successful collection, while displaying a red (failure) flag to indicate a more recent unsuccessful run.
SF-944541 ACM-73810	During collection, some groups could not be created when attribute values were null.
SF-968405 ACM-75062	When applying entitlements to a group and finding either sub-group members or groups that are entitlements in Collected Global Roles, group resolution was incorrectly case-sensitive.
SF-948261 SF-959587 SF-964145 SF-973841 SF-957979 ACM-73932	Identity collector can fail when USER_ID is used in a Unification Join.

## Data Governance

Issue	Description
SF-825171 ACM-69369	When a member is deleted from a local role and then added again, duplicate entries for that member are created in the T_AV_ROLEMEMBERSHIPS table.

## Database Management/Performance

Issue	Description
SF-850931 ACM-67624	Role Reviews experience lengthy delays or timeouts with highly complex roles or roles with several thousand entitlements.
SF-889066 ACM-71028	During the merge users step of the unification process, performance was degraded.
SF-668203 SF-798389 ACM-53477	The fulfillment_phase_start_date and approval_phase_completed_date columns in the CHANGE_REQUEST public schema were not populated correctly until the request was completed.
SF-909861	On start-up, if the database time zone check determines that the time zone

Issue	Description
ACM-71764	needs to be changed, it attempts and fails to change the time zone, and restarts the database.

## Email

Issue	Description
SF-865404 ACM-69677	Emails containing non-ASCII (UTF) character encoding were not sent properly.

## Installer

Issue	Description
SF-832386 ACM-70244	Installer and uninstaller removed Aveksa_System.cfg, which rendered the staging folder unusable for reinstallation.
SF-733521 ACM-70207	Upgrade prerequisite check is performed after the previous version is uninstalled.
SF-860329 SF-873678 ACM-69107	The installer aborts with the error: Current swap size of "16777212 KB" is less then needed minimum value of "16777216 KB".
SF-841751 ACM-67014	An unnecessary check for an OS generated an error when attempting to upgrade the JDK patch.

## Migration

Issue	Description
SF-821693 ACM-65205	Migration is taking an inordinate amount of time to complete. An issue with the get_duplicate_Accounts function in the Pre_migration_pkg.pkg was observed.
SF-766236 ACM-60263	Migration Error: Only one PARALLEL or NOPARALELL clause may be specified during migration.
SF-974378 ACM-75333	7.0.1 Patch 3 installation failed with the error ORA-30926 when running the following script: database/migration/migrateReviewData.sql.

## Password Management

Issue	Description
SF-873800 ACM-74080	In a RedHat environment with a remote database, users experienced slow user interface performance when updating challenge questions.

## Reports

Issue	Description
SF-856733 ACM-68359	Creating a new report that grants a user entitlements to run and view reports erroneously causes previous users to lose those entitlements.

## Request Forms

Issue	Description
SF-918967 ACM-72683	Change request form could not be submitted if it contained required hidden tables.

## Role Management

Issue	Description
SF-848885 ACM-67482	Technical roles that were previously deleted are reappearing upon migration in Production.
SF-890199 ACM-70598	The size of the T_AV_ROLE_METRICS table is growing at a dramatic rate.
SF-792647 SF-836164 ACM-65704	Role status remains in Applied or Applied New State, even after change request is complete.
SF-897929 ACM-71048	The user interface displayed the Role Set Raw Name, instead of the expected Role Set Name.
ACM-74064	When associating a role with a role set, the drop-down menu listed the raw names of the role sets, instead of the display names.

## Rules

Issue	Description
SF-635834 SF-679132 ACM-53637	Using an advanced search filter with multiple parameters returns an error.
SF-642314 SF-765747 ACM-54369	In violation reports, some SoD violations that were given exceptional access expired prematurely.
SF-916158 ACM-72138	Rule processing fails when a rule name contains a colon.
SF-894858 ACM-71265	The Termination rule did not submit change requests to disable accounts for deleted users.
SF-928144 ACM-72795	Implicit Account Removal was not working as expected.

## Security

Issue	Description
SF-866735 ACM-70721	After enabling secure session cookie configuration on a WildFly cluster setup, the Enable Secure Session Cookie setting displays No on the Security tab.
SF-923995 ACM-72274	Multiple passes were required to fully remove disallowed HTML markup.
SF-924002 ACM-72278	The file upload function under Admin > User Interface did not restrict the types of files, potentially allowing unsafe files to be uploaded.
SF-924000 ACM-72276	Parameters containing URLs needed additional cross-site scripting filtering mechanisms applied.

## Web Services

Issue	Description
SF-884876 ACM-70610	When the initial Register User web service was under load, it periodically failed to correctly pass variables into the workflow.

## Release 7.0.1 Patch 2

Information about the 7.0.1 Patch 2 release is included in the following sections:

- [What's New in Release 7.0.1 Patch 2](#)
- [Fixed Issues in 7.0.1 Patch 2](#)

### What's New in Release 7.0.1 Patch 2

Feature	What's New
Platform	Upgraded openJDK from version 75 to 111 to provide the latest patches and security vulnerability fixes.
Rules	Improved change request generation action performance.
Server Core	Audit events for login now include the authentication source.
UI	The What's New dashboard is now available to any user who is assigned the System Administrator privilege.
Workflow	Upgraded to WorkPoint 4.1 Patch 10.

### Fixed Issues in 7.0.1 Patch 2

The following issues were fixed in v7.0.1 Patch 2.

#### Access Certification

Issue	Description
SF-845777 ACM-67417	Exceptional temporary access to entitlements granted in a user access review stayed in the Maintain state after the expiration date.
SF-805551 ACM-63789	A review's "Due By" column displays "null days left."
SF-832126 ACM-66514	Role Definition review result lists "deleted" and "terminated" users.
SF-859909 ACM-68441	A "Comments have not been added for N revoke items. Please provide comments for these items." message appears after sign-off in an account access and ownership review even though comments have been added to



Issue	Description
	signed off review items.
SF-810120 ACM-64976	When running a User Access review with the Include sub-groups option checked under Content, no users who are members of the selected group are included in the review.
SF-827134 ACM-65820	Count reported in review status message does not match items selected in the review.

## Access Requests

Issue	Description
SF-799755 ACM-63214	In a Request Form, conditions may not behave as expected due to incorrect unicode/UTF-8 handling in dependent field values that contain unicode characters.
SF-799702 ACM-67147	Create account change items for indirect entitlements are not rejected when the related direct entitlement (role) is rejected in a change request.
ACM-65578	When a form with the Display option enabled is run, the User Account Table does not load accounts and displays a count of 0.
SF-837963 ACM-66702	Selected user for reassignment is lost when switching between tabs
SF-822954 ACM-65328	In SOAP and REST Nodes, embedded variables are not being substituted correctly and are sent as null.
SF-828369 ACM-66081	A role that contains users stays in the Open state after an attempt to delete it has been made.
SF-869744 ACM-69209	Default value for text field is set always now, regardless of display conditions.

## ACM Security Model

Issue	Description
SF-654596 ACM-52863	Removed the Workflow Admin entitlements from the Role Administrator app role. The Role Administrator role is responsible for managing roles, but was not meant to also design or modify workflows.

## AFX Server

Issue	Description
SF-850602 ACM-67569	For the Office365 Connector, the default value of encrypted parameters for capabilities are shown in clear text in the user interface.

## Account Management

Issue	Description
ACM-58035 SF-00736035	When attempting to add entitlements to a user with multiple accounts, the account is incorrectly displayed as Disabled = False

## Application Wizards

Issue	Description
SF-815734 ACM-66015	A Request.Loader error occurs when attempting to "Next" to the last page in a collector definition wizard.

## Authentication

Issue	Description
SF-853427 SF-849624 ACM-67871	Authentication fails if the authentication source uses an Account Data Collector and the AccountSearchAttribute is different than the distinguishedName (used as the Account Name).
SF-902476 ACM-71363	When the optional token header is not specified, the error "SSO token header key class is not set" is incorrectly shown.

## Change Requests and Workflows

Issue	Description
SF-847442 ACM-67439	AFX not processing requests due to active workflows with no change request entries.
SF-820125 ACM-64971	An escalation email created from each job approval contains a list of all users affected by the main Change Request, instead of just the affected user.
SF-815249 SF-787876	When a change request that includes creating an account is created by a Role rule, the request creates a pending account with the wrong account name.

Issue	Description
SF-808059 SF-823486 SF-812840 SF-835037 SF-867034 SF-851571 ACM-65010	
ACM-63595 SF-00796817	When a request is generated via form without any other entitlements, the email templates do not display the value in the optional comments field during a Form Approval/Fulfillment.
SF-858765 ACM-68800	The Reject button is missing in a change request Approval form.
SF-799005 ACM-63385	A change request is created and completed without approval or fulfillment when the business source has "Entitlements require accounts," the user has multiple accounts in that business source, and the workflow properties are set to the attribute "group jobs by any user."
SF-00861544 ACM-68868	In a workflow transition line, entering more than 64 characters generates an exception error
SF-876459 ACM-69623	After saving information in the settings of a Java Node, the fields "Java Class" and "Method" are empty upon reopening.
SF-856748 ACM-68577	When a Change Request is created for a directory, "Other Type" owners are ignored for approval/fulfillment.
SF-872423 ACM-69448	Updating one Decision Node to use a condition of "Workflow Variables" will auto-populate any other Decision Node(s) to use the same condition form.
SF-880897 ACM-70091	Changes and configurations in the new workflow nodes are not saved properly.
SF-684992 ACM-60003	When an error occurs because no default button is specified, the error is not displayed to the user.

## Collector

Issue	Description
SF-861720 SF-871676 SF-877268 ACM-68574	When configuring an account collector to collect groups to sub-groups membership, the resolution fails and the sub groups are collected with type "Account" under the "Member Type" field.

## Connector

Issue	Description
SF-835268 ACM-66722	When creating an account using the Active Directory connector, the connector does not accept more than 26 parameters.
SF-810184 SF-820915 SF-842422 ACM-66623	Creating an account with an initial password (using the Active Directory connector) fails because password is not accepted.

## Data Collection Processing and Management

Issue	Description
SF-831525 ACM-66720	The Monitoring page loads data slowly.
SF-848601 ACM-67758	A query in a workflow against V_AVR_ACCOUNT_ENTITLEMENTS is not returning results.
SF-814121 ACM-64423	A duplicate user is created after moving the user from a collector with lower priority to another with higher priority in a data unification configuration.
SF-857043 SF-845341 ACM-68196	Entitlements granted by manually mapped accounts do not appear under a user's Access tab after an upgrade from 6.5.1 to 7.0 P02.
SF-868656 ACM-69142	Active Directory group memberships are not updating correctly when a user moves to another organization unit.
SF-845485 ACM-67600	Data unification did not complete.

Issue	Description
SF-862923 ACM-68888	When collecting from two Identity Collectors, user attribute mapping is not honored when the user records are collected over different unification runs.

## Database Management/Performance

Issue	Description
SF-824709 ACM-65504	AveksaAgent and AFX become unresponsive in a high network usage scenario.
SF-851870 ACM-67724	A view table is missing the expiration date column, forcing users to look elsewhere for the information.
SF-867169 ACM-69593	An SQL table rendered an error when it encountered an incorrect alphabetic character instead of a numeric one.
SF-760015 ACM-68215	System performance was degraded and the following error was observed: "Error reading request, ignored java.lang.OutOfMemoryError: Java heap space."
SF-824730 ACM-66406	A performance issue is observed with Admin > Email > Log.

## Installer

Issue	Description
SF-849575 ACM-68165	The common.sh scripts fails on instant client because the oracle user does not exist.
SF-849575 ACM-68191	A remote database install fails to check the database version in a software-appliance deployment scenario.

## Metadata Import/Export

Issue	Description
SF-879692, SF-880264, SF-893319 ACM-69761	Exporting collector definitions from a 7.0.1+ system and importing them into another 7.0.1+ system results in a failure with encryption errors.

## Migration

Issue	Description
SF-841932 ACM-67259	The selected user in a request form is lost if the user has multiple first or last names.
SF-859336 ACM-68259	Many invalid objects database observed after migrating from 7.0.0 P03 to 7.0.1.116052.
ACM-68767 SF-00865554	During upgrade, the migrate.log reports the error "single-row subquery returns more than one row" because part of the update query is looking to match against old records

## Platform

Issue	Description
SF-852928 ACM-68053	Patch does not properly migrate workflow jobs which results in display of null instead of count of workflow jobs for the review escalations.

## Reports

Issue	Description
SF-851870 ACM-67724	A view table is missing the expiration date column, forcing users to look elsewhere for the information.

## Request Forms

Issue	Description
SF-859156 ACM-69165	In a Request Form, when the control type is set to Entitlement Table and the "Select only one entitlement" option is selected, the form still allows a user to select multiple entitlements.
SF-00862277 ACM-68787	When attempting to add conditions in the display tab of an off-boarding form, the user account table and the account table with actions do not display user values.

## Role Management

Issue	Description
SF-0811204 ACM-65555	Errors observed in the matching entitlements view when attempting to add an entitlement to a role in a role set that has an entitlement rule.

Issue	Description
SF-865617 SF-858097 ACM-68704	An "ORA-30926: unable to get a stable set of rows in the source tables" error occurs when attempting to modify a role.

## Rules

Issue	Description
SF-827938 ACM-66135	When a provisioning-termination rule is triggered after identity data unification, it fails to detect some terminated users.
SF-835031 ACM-66624	User entitlement attribute value is not displaying in the Separation of Duties rule violation tab, after the rule is processed.

## Security

Issue	Description
SF-839559 ACM-66813	An update for OpenJDK is needed.

## User Interface

Issue	Description
SF-871876 ACM-69310	Fixed login code to handle when the user-agent header is not present in the request. Earlier this led to NPEs in the server logs

## Release 7.0.1 Patch 1

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Information about the 7.0.1 Patch 1 release is included in the following sections:

- [What's New in Release 7.0.1 Patch 1](#)
- [Fixed Issues in 7.0.1 Patch 1](#)

### What's New in Release 7.0.1 Patch 1

Feature	What's New
AFX Server	Improved logging of an RSA Identity Governance and Lifecycle response when it cannot be parsed (not in expected XML format).
Connectors	When selecting an AFX Connector binding, the connectors are now sorted by group, and within each group, the connectors are sorted alphabetically.
Connectors	Improved the performance of the Create/Edit Connector page by loading only the properties needed to render the page.
Connectors	The default timeout value for an SSH connector has been increased to 60 seconds.
Request Forms	Improved user interface for debugging the request form.
Request Forms	<p>To improve the security of request forms, the Create New Form, General Properties now includes an "Availability" filter. This filter sets who can use the form to create a request. To run any type of form, the user must have one of the following types of access:</p> <ul style="list-style-type: none"> <li>• Included by the Availability setting</li> <li>• System administrator</li> <li>• Access Request Administrator entitlement</li> </ul> <p>For more information, see "Creating a Form" in Help.</p>
Reviews	The Generate Change Request configuration option is fully supported for the Data Resource Access and Data Resource Ownership review types. For more information, see "Create a Data Resource Access Review" and "Create a Data Resource Ownership Review" in Help.
Rules	Improved change request generation action performance.
Web Services	The updateReviewItems command enables you to update one or more items in a user access review that is in an actionable state. See the command's description in Admin > Web Services for instructions on how to use the



Feature	What's New
	command.
Workflows	Improved status displayed for a change request to show why a request was completed by the system and any associated error state.
Workflows	When using a SQL node in a workflow, you can now use multi-valued variables outside of an IN clause. For more information, see "Using SQL Queries in a Workflow Node" in Help.

## Fixed Issues in 7.0.1 Patch 1

The following issues were fixed in v7.0.1 Patch 1.

### Access Certification

Issue	Description
SF-81656 SF-834552 ACM-64937	A review took a considerable longer amount of time to complete in a production environment after an upgrade to 6.9.1p10.
SF-823074 ACM-65494	A user access review does not allow reassignments after changes to the review have been saved.
SF-799972 ACM-63350	Account review generation fails when using Turkish (double-byte) characters in the display name.
SF-823353 ACM-65307	Review items that are maintained with an expiration date are designated as signed off even though sign off is not specified for those review items.

### Access Requests

Issue	Description
SF-764114 ACM-63918	A workflow definition specifies that a change request approval should be assigned to the rule owner, but it is assigned to AvekseAdmin instead.

Issue	Description
SF-804825 ACM-63833	Change Requests for entitlements are not created with the necessary Create Account items for those entitlements.
SF-798406 ACM-63215	All requests for a particular application are auto canceling.
SF-825567 ACM-66659	Only the prefix for a change request is displayed in the Requests window when the workflow that initiates the request for a Provisioning-Termination rule violation is configured with that prefix.
SF-769981 SF-780942 SF-812840 SF-814796 ACM-60837	Accounts created from an account template are not removed from the user interface when the request item is rejected and canceled.
SF-768662 ACM-62557	Not all information questions provided in a request form are displayed to a user who is requesting access.
SF-791705 ACM-63460	A canceled change request did not show who canceled the request. See <a href="#">What's New in Release 7.0.1 Patch 01</a> for information on the improvement to change request status messages.
SF-783226 SF-803077 ACM-62595 ACM-65223	Several user interface elements are "grayed out" when using Internet Explorer after an upgrade to 6.9.1 p10. The browser used a locally cached version of JavaScript files after the upgrade.
SF-627462 ACM-52588	A change request generated for a user who has an account revoked in an account access and ownership review does not appear in the user's Requests tab.

## ACM Security Model

Issue	Description
SF-828016 ACM-65765	A non-privileged user can edit Attribute Synchronization settings.
SF-784081	A performance issue is experienced with the SecurityContext.csv query.

Issue	Description
ACM-64480	
SF-816782 ACM-65559	Even though the In Table option is deselected for an attribute, it still appears in tables.
SF-825335 ACM-65610	A non-privileged user can generate a change request by changing the OID value in the change request URL. See <a href="#">What's New in Release 7.0.1 Patch 01</a> for information on the Availability setting in a form that specifies who can generate a change request.

## AFX Server

Issue	Description
SF-781577 ACM-62459	In a cluster setup, a connector test request sent from a non-SON node results in a request timeout error. This issue would occur on all three cluster types (WildFly, WebSphere, and WebLogic).
SF-797168 ACM-64217	The Overall Status bar on Request status does not show completed (100 % green) when the change request is forced to complete. This issue was fixed so that the Mark Verified node gets the Request Form item.
SF-806147 SF-806198 ACM-63935	AFX requests that fail to fulfill at the target system get stuck and do not create manual activities (in AFX fulfillment workflows) or move to the next workflow node (when provisioning command nodes). This issue was fixed by accounting properly for unicode characters.

## Change Requests and Workflows

Issue	Description
SF-747182 SF-825742 ACM-58834	When requesting access, clicking the submit request button, and then clicking Cancel results, accounts with a placeholder value are created in the database and shown under the user.
SF-792922 ACM-63524	Accounts were enabled multiple times.
SF-764114 ACM-67485	For a change request with multiple rule violations and different owners, approval goes to only one rule owner.

Issue	Description
SF-838478 ACM-66673	An "IndexOutOfBoundsException" error occurs when clicking on the "Form" tab in any activity node having less than two outbound request-button transitions.
SF-844480 SF-843836 ACM-67253	Unable to submit change requests or complete existing workflows.
SF-813050 ACM-65950	In the Default Approval Workflow, incoming and outgoing transitions cannot have the same name, or same synonym.
SF-814672 ACM-64795	An approval rejection for one user causes rejection of account changes for other users.
SF-812262 ACM-64497	In a workflow, an Approval node is disconnected from the Approvals phase when using Group By Role Owner.
SF -802638 SF-797279 SF-789403 ACM-64929	Requests will not pass the verification stage even though watches are completed and changes are collected, which prevents workflows from progressing.

## Collector

Issue	Description
SF-795519 SF-822221 ACM-64496	Office 365 Account Data Collector (ADC) does not collect accounts properly when more than 500 accounts.
SF-795752 ACM-63469	Lotus Notes account collector does not collect Group data.
SF-825862 ACM-66486	When testing a Google Apps collector, a "null pointer exception" error is returned.
SF-820416 ACM-66457	LDAP Collector will not bind over TLS 1.1/1.2.
SF-792326	LDAP account data collection process stuck.

Issue	Description
ACM-65487	
SF-748917 ACM-61702	Active Directory Account Collector intermittently fails with timeout error.

## Connector

Issue	Description
SF-828448 ACM-65814	Connector password mapping strips a password containing certain special characters.
SF-829366 ACM-65491	Lotus Notes Collector: Failed to execute with error as ID file directory is required.

## Data Collection Processing and Management

Issue	Description
SF-740736 ACM-59192	After upgrading from 6.9.1 P06 to P07, entitlement data collectors are unable to complete the collection process.
SF-824159 ACM-66572	Rendering a view of business descriptions is slow after an upgrade to 7.0 patch 3 from 7.0 patch 2.
SF-838492 ACM-66721	Entitlement collection from Active Directory fails at the "DataValidation.AppRoleCycleCheck" step.
SF-806113 ACM-64113	SQL validation failing for data collectors.
SF-816288 ACM-64737	Data collection information is not displayed under the Admin > Monitoring > Performance Summary tab.
SF-822257 SF-823791 ACM-	When creating an entitlement collector, the Resource Entitlements Query does not support an SQL entitlement column and produces an error.

Issue	Description
65165	
SF-773829 SF-818058 ACM-64376	Identity collection from an LDAP source fails with multiple Oracle errors.
SF-835271 ACM-66936	Missing group memberships are not correctly updated in the database.
SF-829517 ACM-66144	Identity collection from an Active Directory source fails during the identity load step with this error: "ORA-01489: result of string concatenation is too long."
SF-806508 SF-826928 ACM-63818	Indirect relationship processing is inordinately slow for collected entitlement and role data after applying 7.0 P02.
SF-814183 ACM-64739	The following error is observed in system logs after an upgrade from v6.5.1 to v7.0: "ORA-01400: cannot insert NULL."

## Database Management/Performance

Issue	Description
SF-760015	Slow performance experienced with the system.
SF-784081 ACM-60459 ACM-64559	In Requests > Activities, accessing "ActivityByBusinessSourceTable" results in a long-running process.
SF-829784 ACM-65974	When using avdbimport to import a database backup, entering the wrong name for the backup file results in an empty database.
SF-799174	Slow page load observed in the Requests > Activities > By Entitlement page from a monitoring policy view.

Issue	Description
ACM-63105	
SF-767203 ACM-63649	A requestor is experiencing delays in navigating through the change request procedure when requesting access to a role.
SF-840381 ACM-67302	The system is inoperable because of a "Unable to start service ChangeRequestService" error, which is precipitated by a "ORA-01403 in UTILITIES_PKG" error.

## Descriptions

Issue	Description
SF-826482 ACM-65590	The Long Description is not applied correctly for an object after a metadata file import and the description filter contains an underscore ( ) character.

## Email

Issue	Description
SF-815444 SF-826425 ACM-64605	Password change emails queued with no justification.

## Localization

Issue	Description
SF-847195 SF-844392 SF-850076 ACM-67255	Files uploaded from Admin > User Interface disappear after restarting the application services in 7.0 P04.
SF-690541 AC-54612	Request buttons are not language localized.

## Metadata Import/Export

Issue	Description
SF-820237	A directory reference ID is incorrect after an XML file export.
SF-811129	
ACM-65049	

## Migration

Issue	Description
SF-802279	Invalid characters within a XML CLOB prevents data runs after migration.
ACM-63383	
SF-821693	A performance issue is observed with indirect relationship processing.
ACM-65538	
SF-847001	Application crashes and aveksaServer.log shows "too many open files" error.
ACM-67378	

## Platform

Issue	Description
SF-770739	Installation fails with a "Failed to create Aveksa CA! " error.
SF-583349	
SF-632734	
SF-681271	
SF-684488	
ACM-49647	

## Request Forms

Issue	Description
SF-795918	A request form displays L2 and L3 approvers that have been removed from the application roles.
ACM-62913	
SF-822308	In a custom request form, when doing a search on entitlements selected from the



Issue	Description
ACM-65213	Table Options, the selections are lost when switching to advanced search.
SF-727740 ACM-56696	When a user completes a request form, a validation error displays and not all values are correctly returned.

## Role Management

Issue	Description
SF-813763 SF-816920 SF-818290 ACM-64568	A "Parsing failed at line" error occurred during a rule membership configuration operation for a role.
SF-812781 SF-821671 ACM-64290	Under a user's Access tab, an entitlement indirectly granted to the user through membership in role does not indicate that the entitlement belongs to the role.
SF-812270 SF-812723 ACM-64693	Slow performance experienced with role management operations.
SF-780279 SF-834726 SF-831270 ACM-61688	The following error occurs when running a user access review: "ORA-20126: The creation of reviews failed. Stored Procedure:Parse_Roles_In_User_Review execution aborted. ORA-01427: single-row subquery returns more than one row."
SF-784859 SF-735335 SF-740094 ACM-64624	A user is granted a duplicate role when the role has a custom attribute value.
SF-819325 SF-818430 ACM-65126	Users who match a role membership rule criteria do not match the criteria after they are removed from the role.
SF-00812270 SF-	When making changes to a role with 5000~ members and two entitlements, the application takes more then 20 minutes to add and commit changes, which times out in Internet Explorer.

Issue	Description
00812723 ACM-67401	

## Rules

Issue	Description
SF-775070 ACM-64374	Inability to close a rule remediation task even though all violations for that task have already been remediated in other tasks.
SF-775070 ACM-63936	Rule violation remediator assignment missing for user access and segregation of duties rules.
SF-800603 ACM-63666	Rule creation with an Advanced condition expression fails.
SF-764664 ACM-61365	A change request is not generated when a remediator revokes an SoD or user access rule violation entitlement.
SF-806515 ACM-64161	Attribute change rule action is not executed.

## Security

Issue	Description
SF-792313 ACM-63539	Authorization bypass to product features is observed.

## Server Core

Issue	Description
SF-814060 ACM-64663	When completing an access request form, a warning prevents the user from saving an advanced mode query because it cannot be represented in basic mode.
SF-838469 ACM-66829	A log on authorization synchronization issue is impeding users from logging on to the system.

## User Interface

Issue	Description
SF-819970 SF-838764 ACM-65063	The following error occurs when attempting to schedule collection by hundreds of account collectors: "UT000047: The number of parameters exceeded the maximum of 1000 at io.undertow.server.handlers.form.FormData.add(FormData.java:77)."
SF-799626 SF-831906 ACM-63141	A user is unable to use Shift-Click to select a range of table items.
SF-823074 ACM-67387	The Save and Continue action in a review does not refresh the whole page.

## Release 7.0.1

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Information about the 7.0.1 release is included in the following sections:

- [What's New in Release 7.0.1](#)
- [Fixed Issues in 7.0.1](#)

### What's New in Release 7.0.1

This section describes changes introduced in v7.0.1.

Feature	What's New
Access Requests: Invoke a request form from an external website	RSA Identity Governance and Lifecycle lets you access the request forms from an outside website or program through a Single Sign-On (SSO) portal. For more information, see the Help topic, "Getting the Information Required to access Request Form from External Connection"
Access Requests	<p>The createChangeRequest &gt; Terminate a User web services command lets you terminate a user and delete/disable/ lock that user's accounts and remove that user's entitlements.</p> <p>For more information, see the createChangeRequest command description in Admin &gt; Web Services.</p>
Access Requests	The UserID is included in the Manual Task Approval: User Changes section.
Admin	<p>The Admin &gt; System &gt; Maintenance option lets you temporarily close access to RSA Identity Governance and Lifecycle so you can do diagnosis or maintenance tasks. This feature lets you keep the server up while preventing any new logins. A maintenance message is shown to end users who attempt login while the system is in maintenance mode. Active users are not logged out.</p> <p>For more information, see the Help topic, "Putting the System in Maintenance Mode."</p>
AFX Administration: Check Owner Permissions	<p>As a security best practice, AFX Servers should not be installed and administered as root. AFX should be installed and run in a less-privileged account. A warning is displayed if AFX is installed and run from the root account.</p> <p>Also, if the AFX servers are started from an account that does not have the appropriate owner permissions, a warning is displayed and start-up is prevented.</p>

Feature	What's New
AFX: Ability to Constrain the Size of Daily Logs	<p>The Daily Logs generated by AFX can use a large amount of disk space. These logs rollover to a backup file on a daily basis. To constrain the amount of space used by these logs, newly generated daily logs roll over when the file reaches a size of 100MB. The number of backup files is limited to 5 files.</p> <p>New rolled-over logs (files that end in .log.* rather than .log) will change from ending in a date string (e.g. .log-2015-11-18) to ending in a number string (e.g. .log.2).</p>
AFX: Communication Polling	<p>The primary communication poll from AFX has been optimized for better performance. This reduces the chance of a timeout occurring while AFX is waiting for a response.</p>
Attributes	<p>When working with the "application" object in custom attributes (Admin &gt; Attributes &gt; Custom List), a third option, Name, was added to allow for use of a "friendly" name, in addition to the Raw name.</p> <p>For more information, see the Help topic, "Creating and Managing Pre-Defined Attribute Value Lists."</p>
Attributes	<p>A Custom Attribute Type for URL support lets an administrator create a custom attribute to include a link that opens a specified URL. For example, if you have created an external page that interfaces with RSA Identity Governance and Lifecycle, you can use this attribute to launch a pop-up with additional information.</p> <p>For more information, see the Help topic, "Creating and Managing Attributes for RSA Identity Governance and Lifecycle Objects."</p>
Attributes	<p>You can create a custom value list for attributes of the integer data type that you create.</p> <p>The General and the Value tabs have been removed. All configuration options are available from a single window.</p> <p>For more information, see the Help topic, "Creating and Managing Pre-Defined Attribute Value Lists."</p>
Audit Events	<p>An audit event is now logged for startup and shutdown of the application.</p> <p>For more information, see the Help topic, "Audit Events."</p>
Audit Logging	<p>The Admin &gt; System &gt; Audit feature lets you enable audit logging, manage audit log clean up, and specify the types of events to log.</p> <p>For more information, see the Help topic, "Managing Audit Event Logging."</p>

Feature	What's New
Change Requests	<p>The following table option columns are available for User Changes table in a change request details view:</p> <ul style="list-style-type: none"> <li>• Entitlement Short Description</li> <li>• Entitlement Long Description</li> </ul> <p>Information provided by the descriptions can help change request approvers and fulfillers to make informed decisions about how to complete their tasks.</p> <p>For more information, see the Help topic, "View Request Details."</p>
Collectors/Connectors: CyberArk integration	<p>Added integration with CyberArk Privileged Account Security Solution, which provides:</p> <ul style="list-style-type: none"> <li>• Collection of User, Group, and Entitlement data</li> <li>• User and Group provisioning from RSA Identity Governance and Lifecycle to CyberArk</li> <li>• Streamlined account, review, and provision access for privileged users</li> <li>• Enhanced visibility across privileged and non-privileged users</li> </ul> <p>For more information, see the <i>RSA Identity Governance and Lifecycle CyberArk Application Guide</i>.</p>
Collectors/Connectors: RSA Archer GRC	<p>Updated to leverage RSA Archer GRC REST API for collection and provisioning. The Archer Connector can use Account (User), Groups, and Roles. Archer Collectors provide access to Account, Groups, and Roles. Supports RSA Archer GRC v5.5 SP3 and leverages.</p> <p>For more information, see the <i>RSA Identity Governance and Lifecycle RSA Archer GRC Application Guide</i>.</p>
Collectors/Connectors: ServiceNow integration	<p>Added ServiceNow integration, which lets you request Accounts, Roles, and Entitlements directly from the ServiceNow user interface. This integration provides a certified ServiceNow collector/connector for Eureka and FUJI.</p> <p>For more information, see the <i>RSA Identity Governance and Lifecycle ServiceNow Application Guide</i>.</p>
Connector Templates	<p>Improved overall performance (rendering, searching, sorting) of the AFX &gt; Connector Templates page.</p>
Connectors: Generic REST Connector	<p>Added token-based authentication. For more information, see the <i>RSA Identity Governance and Lifecycle Generic RESTful Web Service</i></p>

Feature	What's New
	<i>Connecto rApplication Guide.</i>
Connectors: Generic SOAP Connector	Added support for multiple URLs. Added Web Services Security (WSS). For more information, see the <i>RSA Identity Governance and Lifecycle Generic SOAP Web Service Connector Application Guide.</i>
Connectors: SSH	The default timeout value for an SSH connector has been increased to 60 seconds.
Data Access Collectors	<p>The following collection options have been deprecated:</p> <ul style="list-style-type: none"> <li>• If no entitlements are collected for a data resource set, REMOVE its previously collected entitlements.</li> <li>• If no entitlements are collected for a data resource set, DO NOT REMOVE its previously collected entitlements.</li> </ul> <p>After you upgrade to v7.0.1 and run your data access collectors and no entitlements are collected, all previously collected entitlements are removed from data resource sets regardless of whether you previously chose to retain previously collected entitlements.</p>
Data Purging	<p>The Admin &gt; System &gt; Data Management feature lets you schedule automatic deletion of data from the database that is no longer required for your deployment. It also lets you specify the maximum time allowed for a purge to complete.</p> <p>For more information, see the Help topic, "Managing Data Purging."</p>
Database: Public Schema	<p>Updated the public schema with some additional columns. Updated the documentation to reflect the latest schema.</p> <p>For more information, see the "Public Database Schema Reference" topic in the Help.</p>
Email	<p>The following JavaMail email configuration settings are included under Admin &gt; Email &gt; Settings:</p> <ul style="list-style-type: none"> <li>• Mail connection timeout: The socket connection timeout value in seconds. The default value is 180 seconds.</li> <li>• Mail timeout: The socket input/output timeout value in seconds. The default value is 180 seconds.</li> <li>• Mail writer timeout: The socket write timeout value in seconds. The default value is 180 seconds.</li> </ul>

Feature	What's New
<p>Enhancement of Authentication Type "SSO User Header"</p>	<p>For more information, see the Help topic, "Managing System Email Settings."</p> <p>If you want to validate an "SSO token" as part of creating the authentication source of Authentication Type "SSO User Header," then you must:</p> <ol style="list-style-type: none"> <li>1. Provide the header name that contains the "SSO token."</li> <li>2. Create and deploy a Java class that implements the 'com.aveksa.external.SSOTokenValidator' interface.</li> </ol> <p>For more information, see the Help topic, "Managing Log On Authentication Sources."</p>
<p>Form Field Controls: Compare User</p>	<p>Includes the following improvements:</p> <ul style="list-style-type: none"> <li>• User and entitlement filtering options and an option that forces a requestor to select a user to compare with other users. For more information, see the Help topic, "Form Control Types."</li> <li>• When a requestor completes change item selections using the control on the form, he or she is able to display the selections (using the drop-down chevron) without having to re-enter the control. This enables the requestor to clear some or all selections without having to re-enter the control. If the requestor clears all selections, the control reverts to its initial state and the requestor can re-start the selection process.</li> <li>• You can include a Compare User control in a form of the global type to support the comparison of entitlements for multiple users with another user. A requestor can select up to 50 users for a compare users operation. For more information, see the Help topic, "Change Access for Multiple Users Based on a Comparison with Another User."</li> </ul>
<p>Form Field Controls: Drop-down Select with Web Service</p>	<p>Allows you to display a list of selection options for the requestor. The values for the selected options are loaded at run-time from the URL provided.</p> <p>For more information, see the Help topic, "Form Field Control Types."</p>
<p>Form Field Controls: Drop-down Select</p>	<p>Displays a list of selection options for the requestor that you specify. Also, you can specify a corresponding value for each selection. This value is set in the variable name for the control, based on the form requestor's selection.</p> <p>For more information, see the Help topic, "Form Field Control Types."</p>



Feature	What's New
<p>Installation Script: Overriding Database User Name Defaults</p>	<p>In an RSA Identity Governance and Lifecycle installation or upgrade scenario where you provide the database (remote database), the installation/upgrade script prompts you to confirm or overwrite the assumed default database user names:</p> <ul style="list-style-type: none"> <li>• avuser</li> <li>• avdwuser</li> <li>• acmdb</li> <li>• perfstat</li> </ul> <p>The database administrator, however, may have created database users with different names. In this case, you can provide those names during the installation/upgrade.</p> <p>For example:</p> <p style="padding-left: 40px;">What is the AVUSER username [avuser]? &lt;Name You Provide&gt;</p> <p>The prompt appears for each of the other database user names you have configured in the database.</p>
<p>Installation Script: Pre-upgrade Report</p>	<p>The Installer now performs pre-requisite checks, including but not limited to:</p> <ul style="list-style-type: none"> <li>• Any required OS RPMS</li> <li>• Required minimum disk space on the machine</li> <li>• /etc/hosts file setup</li> <li>• ntp setup</li> <li>• ASM lib location</li> <li>• oracle user and oinstall group are both UID 500</li> <li>• run full oracle cluvfy check</li> </ul> <p>The script displays information about the checks, and it indicates if a requirement is not met. After you resolve the requirement, you can run the script again.</p> <p>For more information, see the "Upgrade and Migration Guide" or the "Installation Guide."</p>
<p>Reporting</p>	<p>Upgraded version of charting removes dependencies on Flash. Now supports absolute versus proportional dashboard components.</p> <p>For more information, see the Help topic "Configure Dashboard Overview Settings."</p>

Feature	What's New
Request Buttons	<p>Request Buttons are now available in two locations: under a user's General tab, and under the user's Access tab.</p> <p>For more information, see the Help topic, "Creating and Managing Access Request Buttons."</p>
Request Form	Improved user interface for debugging the request form.
Rules	Rules are deleted as a task now under Admin > Monitoring > Data Runs. This improves performance where data associated with a rule is cleaned asynchronously.
Rules	Rule processing works the same way for all types. This provides more stability in how RSA Identity Governance and Lifecycle processes and remediates violations.
Rules	<p>Support for Business Justifications, which define a list of justifications that a business user would select when granting exceptional access.</p> <p>For more information, see the Help topic "Creating and Managing Justifications and Justification Sets."</p>
Rules	<p>When configuring rules, you can allow common entitlements in segregation of duties (SoD) rule.</p> <p>For more information, see the Help topic, "Configure Processing Schedules and Triggers."</p>
Security	Changed dynamic SQL to use bind parameters in miscellaneous packages to prevent SQL injection and enhance performance.
Security	<p>Enhancements to cryptographic service include:</p> <ul style="list-style-type: none"> <li>• Implementation of FIPS 140-2 compliant cryptographic libraries</li> <li>• Implicit key rollover on upgrade to new cryptographic libraries</li> <li>• Explicit key rollover that can be initiated by the Administrator</li> <li>• Ability to re-encrypt stored data</li> </ul> <p>For more information, see the Help topic "Roll Over Encryption Keys/Re-encrypt Data."</p> <p><b>Note:</b> Customers should plan to back up the key directory in the file system.</p>
Security	The TLS v1.2 protocol is enabled for inbound HTTPS requests to port 8444 on WebSphere, WildFly, and WebLogic.

Feature	What's New
Statistics Report (formerly the Aveksa Statistics Report)	<p>Updated the Statistics Report to include workflow history and AFX connector information.</p> <p>For more information, see the Help topic, "Generate a Statistics Report."</p>
User Interface	<p>To improve accessibility, tooltips are available on the following images: keys on the login screen, info icons for pop-up dialogs, and icons on the main home page.</p>
Web services: Access Requests	<p>You can include additional information in a change request generated by the createChangeRequest web services command. The command includes a CustomAttribute element for which you can provide a string, integer, or date value that provides the additional information you want in a request.</p> <p>You must create an equivalent name attribute in RSA Identity Governance and Lifecycle to display the information for user changes in the request for the Change Request Items (CRI) object under Admin &gt; Attributes.</p> <p>The CRI custom attributes are available from Table Options for all approval and fulfillment activity tables.</p>
Web Services: SSO	<p>Added support for Single Sign-On (SSO) to authenticate users of Web Services.</p>
Web Services	<p>The processRule web service command either accepts the name of an active rule in the system or processes all of the active rules. It can only be run by users that have the Rule:Admin privilege. The command returns the status of the other rules.</p> <p>For more information, see the processRule command description Admin &gt; Web Services.</p>
Workflows	<p>An updated version of the Workflow Editor provides:</p> <ul style="list-style-type: none"> <li>• New look and feel — Enhanced ease of use and visualization of workflow nodes.</li> <li>• Does not require applets — Avoids security concerns with applets and avoids client configuration issues. Browser support for applets will eventually be discontinued.</li> <li>• Changes how some operations work in the editor — Adding and moving nodes, creating transitions, and editing properties operate differently.</li> </ul> <p>For more information, see the Help topics " Workflow Editor Basics"</p>

Feature	What's New
	and "Using the Workflow Editor."
Workflows	A new request source is included under Requests > Workflow > Overview: "Request created through web services will be processed using [ <i>Request workflow</i> ]."
Workflows	The option to reset the job was removed from the job menu in the applet.
Workflows	Email address is now supported as a workflow variable's value for selecting a resource.

## Fixed Issues in 7.0.1

The following issues were fixed in v7.0.1.

### Access Certification

Issue	Description
SF-669416 ACM-53829	Change request not generated for a review item that is marked with a custom state
SF-729969 ACM-56733	Expiration Date attribute is not seen in an account access and ownership review.
SF-748712 ACM-58549	For the reviews that use the alternate reviewer coverage file, the reported reviewer is wrong
SF-757199 ACM-60655	When the option "Allow monitors to update their review metrics" is unchecked, it cannot be saved.
SF-755960 ACM-59438	In the Reviewer Reassignment escalation workflow, the Outlook Email Address is reassigned to the wrong user.
SF-772393 ACM-61086	An account review is completed but the Completed Status bar indicates that it is not completed.
SF-19497 ACM-45742	A user access review result incorrectly displays decimal points in job code IDs when the results are grouped by job code.
SF-676846 ACM-54817	The 'Overall Status' in the Review Result refreshes automatically to update the displayed time and date even after the completion of the review.
SF-615728	When the account is switched to Maintain state, the account sub-components

Issue	Description
ACM-52615	become actionable and when the account is Revoke state, the account sub-components become locked.
SF-748387 ACM-58768	Previously, the user could only enter a valid email address in the user selection pop-up in order to filter users by their email id. Now if filter operator says "contains" and "does not contain" in the Simple search or "Like" and "does not like" in the Advanced search, then the user can search the string keyword to filter users by their email id. This function is applicable to all user selection pop-ups.
SF-664646 ACM-53395	"On Hold" reviews appear as pending actions on reviewer's homepage rather than just the "Active" reviews.
SF-750619 ACM-60722	When the monitor tries to access a review using the hyperlink created from the variable review_rvw_url, an insufficient privilege error appears.
SF-697502 ACM-55009	When the reviewer reassigned a review item to other reviewers without giving them the sign-off privileges to delegate, the review item is not removed from the former reviewer's list, even if "Remove selected items from my review" function is selected.
SF-20142 ACM-46894	Groups that are direct or indirect entitlement to the Role are not filtered out by the "not in Role with" option in Group Review.
SF-777907 ACM-61295	When filtering business sources in the Review Definition, using an SQL statement with new lines in query leads to an ORA error during review generation on Weblogic.
SF-780558 ACM-61585	On the Account Selection page, LAST_LOGIN_DATE attribute is not displayed in the Filter accounts section.
SF-771705 ACM-61629	When the first step is not generated, the second step review generation fails with unique constraint error.
SF-771497 ACM-61396	User access review items are unassigned after uploading the coverage file that specified reviewers.
SF-696093 ACM-54926	Group entitlements are unassigned in the user access review.
SF-784527 ACM-62533	Selecting 'Account Creation Date' multiple times in the Table Options, duplicates the columns in the Change Preview tab.
SF-785022 ACM-62505	User review shows the direct membership of nested roles.

Issue	Description
SF-792006 ACM-63562	In an account access and ownership review, the group by Account User filter does not work.
SF-762287 ACM-60751 ACM-62504	When a user is a member of a business role that has a technical role as an entitlement, the user is granted the technical role twice: a direct entitlement and an indirect entitlement.

## Access Request

Issue	Description
SF-728873 ACM-57591	A monitoring policy does not allow the user designated as the monitor to view account change requests for accounts.
SF-667254 ACM-54592	The user does not see consistent "Requested on" dates for the same Change Request.
SF-612345 ACM-51472	A request to grant an entitlement and an account to a user is rejected in the fulfillment phase of a change request. The account, however, appears in the user's Access tab. 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-715395 ACM-56003	Entitlements are not listed under a user's Access tab and a role's Entitlements tab.
SF-709543 ACM-55802	When Change request initiates via Roles, the Account Changes table shows 'Error' message
SF-754270 ACM-59469	When the supervisor rejects a user's entitlement, other user's entitlements are also rejected
SF-765844 ACM-60264	Quick filtering on the User Detail's Requests tab consumes an inordinate amount of database resources
SF-700719 ACM-55535	Users lose the "Other Business/TechnicalOwner" or "Other Violation Manager" entitlements to business sources when a business source that had these entitlements granted to users is deleted.
SF-775551 ACM-61215	Submission variable is not appearing on all Change Requests when the Change Request uses a custom form with grouping by user and multiple users are submitted. This issue has been fixed so the variable now appears on the Change Request for each user.
SF-751445 ACM-60780	When the user attempts to view the Entitlement tab under Activities page, the UI generates a stack overflow error

Issue	Description
SF-620646, SF-719529, SF-731318 ACM-52905	When group has a business description with a display name that is different from the entitlement raw name, the user can't add or remove the group accounts.
SF-802569 ACM-63890	When activities are filtered by the "By Assignee" tab, activities are duplicated as many times as the number of tasks that are in the activity.
SF-803077 ACM-63981	The configuration of hidden fields in a request form is causing an error condition when a requestor attempts to create the request
SF-775755 ACM-61928	Required entitlement field in Access Request form is empty, but form is still submitted
SF-769981, SF-780942 ACM-60837	Accounts created from an account template are not removed from the user interface when the request item is rejected and canceled
SF-783226, SF-803077 ACM-62595 ACM-65223	Several user interface elements are "grayed out" when using Internet Explorer after an upgrade to 6.9.1 p10. The browser used a locally cached version of JavaScript files after the upgrade.
SF-798406 ACM-63215	All requests for a particular application are auto canceling.
SF-804303 ACM-63641	A completed request is still shown in the Fulfillment Phase in Request Details screen. The fix makes sure that the request is processed and moves to the completed state.
SF-760015 SF-784081 ACM-60459, ACM-64559	Slow performance experienced with the system. In Requests > Activities, accessing "ActivityByBusinessSourceTable" results in long-running process

## ACM Security Model

Issue	Description
SF-682435 ACM-55751	System keeps logging errors regarding the failure in executing JDBC query.
SF-689941 ACM-54588	The user is not able to select Apply Changes in the Edit Entitlements tab.
SF-775598	A "Request could not be handled" error occurs when attempting to download a

Issue	Description
ACM-61116	statistics report.
SF-784081 ACM-64480	A performance issue is experienced with the SecurityContext.csv query.
SF-828015 ACM-65761	A non-privileged user can edit the AFX connector and change the capabilities.

## Admin Errors

Issue	Description
SF-763467 ACM-60229	A user with a "Directory: Admin" entitlement is not able to edit Groups.
SF-785277, SF-808843, SF-813273, SF-813716, SF-779942, SF-798641, SF-785277, SF-791651, SF-793594 ACM-62821, ACM-64434, ACM-64408, ACM-61859, ACM 63736, ACM-62731	<p>Various errors are reported when using an SQL command in a Workflow node, including "SQL command not properly ended," "Valid query in workflow node fails," and statement fails with "Invalid column index." This fix eliminates these errors with SQL commands. Quotes are no longer needed nor suggested around variable names. For backward compatibility, if the quotes are included, they are ignored. Whitespace between the opening quote and closing quote, or q-quote wrapper, are also ignored. All of the following are equivalent:</p> <pre> \${access_request_notes} '\${access_request_notes}' q[\${access_request_notes}] q'\${access_request_notes}' q'(\$ {access_request_notes})' q'&amp;lt;\${access_request_notes} &gt;' q!\${access_request_notes}!</pre>

## AFX Install

Issue	Description
SF-76203 ACM-59782	Extra files AFXPlugIntemp_connector_migrationafx-connector appeared in the WEB-INF/plugins directory.

## AFX Integration

Issue	Description
SF-739768	AFX connectors had 'Application' mapping attributes populated only for Account



Issue	Description
ACM-57803	related capabilities. The mapping attributes have been extended to cover other capabilities.
SF-620646, SF-719529, SF-731318 ACM-52905	When group has a business description with a display name that is different from the entitlement raw name, the user can't add or remove the group accounts.

## AFX Server

Issue	Description
SF-749898 ACM-58642	AFX download server delivers a zero size file when there is not enough space user /tmp. This error was indicated in the log file, and is now also shown in the user interface.
SF-76203 ACM-59782	Extra files AFXPlugIntemp_connector_migrationafx-connector appeared in the WEB-INF/plugins directory.
SF-760264 ACM-60527	The Test Connection for the Soap Connector to Lync AFX fails.
SF-806147, SF-806198 ACM-63935	AFX requests that fail to fulfill at the target system get stuck and do not create manual activities (in AFX fulfillment workflows) or move to the next workflow node (when provisioning command nodes). This issue was fixed by accounting properly for unicode characters.

## AFX Workbench

Issue	Description
SF-739768 ACM-57803	AFX connectors had 'Application' mapping attributes populated only for Account related capabilities. The mapping attributes have been extended to cover other capabilities.
ACM-58621	SOAP Connector: Not able to configure Output parameter response for CreateAccount capability.
SF-711897 ACM-55731	AFX connectors do not install when moving from development to test box in WebSphere environment.

## Authentication

Issue	Description
SF-696326	Log in from an AD authentication source takes an inordinate amount of time.

Issue	Description
ACM-55082	
SF-619882 ACM-51714	BindPassword of authentication source is now obscured properly.

## Change Requests and Workflows

Issue	Description
SF-742983 ACM-57810	Escalation Workflow reassigned to the wrong Data Owner when a request contained approvals for more than one entitlement, and those entitlements had different Data Owners.
SF-747182 ACM-58834	When requesting access, clicking the submit request button, and then clicking Cancel results, accounts with a placeholder value are created in the database and shown under the user.
SF-759615 ACM-59522	Role change request is created with wrong requestor.
SF-586635 ACM-50956	When supervisor is chosen in an SQL Select node in an escalation workflow, a request is not reassigned after an approval workflow times out.
SF-757062 ACM-59462	"NoClassDefFound" issues detected when attempting to implement a custom fulfillment handler.
SF-698040 ACM-55385	Workflow variable for an application did not return an application raw name.
SF- 717985, SF-750682 ACM-58936 ACM-57316	An "Illegal TXN state" error occurs when a user task is invoked from the My Tasks menu.
SF-740219 ACM-57615	Following an upgrade to patch 19 from patch 8, the Requests page and the Workflow page take a long time to load.
SF-721255, SF-719473, SF-735339 SF-635183 ACM-52583	Fulfillment activities are listed under the approval header in a change request
SF-762350 ACM-59820	The workflow gets an error at the Workflow Path and stops.

Issue	Description
SF-763404 ACM-59907	A change request to commit changes to a role takes an inordinate amount of time to complete.
SF-745588 ACM-60984	The user using the REST Web Services Node is unable to set "Content-Type," which instead defaults to "text/plain."
SF-750619 ACM-60722	When the monitor tries to access a review using the hyperlink created from the variable review_rvw_url, an insufficient privilege error appears.
SF-775143 ACM-60989	When the big role changes are requested, it takes a long time to create the change request.
SF-620305 ACM-52017	Terminating a user through Default Terminate Button, Default Terminate Form, or default workflow duplicates change requests.
SF-746921 ACM-58879	If the change request is stuck with no created workflow, closing the change request keeps the Roles in the applied state rather than revert them.
SF-791879 ACM-62654	An error message appears when the Decision node connects the Fulfillment Phase Node and Form Fulfillment Node. The fix now allows a Decision node between the Fulfillment Phase Node and Form Fulfillment Node.
SF-803677 ACM-63495	Workflow stays in the Created state until it is manually evaluated.
SF-785277; SF-808843 ACM-62821	SQL command in a Workflow node not properly ended.
SF-791651 ACM-63736	Valid query in workflow node fails
SF-813273 ACM-64373	Performance issue observed closing watches in requests due to large-sized requests and inefficient processing of JMS events.
SF-21843 ACM-48378	Workflow SQL parser is unaware of quote delimiters when using form variables
SF-776459 ACM-62468	In custom tasks, "Can Run Manually" and "Administrator can run manually" filter conditions were not working. Now, "Can Run Manually" lets the user listed in the filter run the task with the 'Run' button enabled. "Administrator can run manually" now considers the user as an administrator if he or she has an App Role as an Access Request Admin.
SF-785277,	Various errors reported when using an SQL command in a Workflow node, including "SQL command not properly ended," "Valid query in workflow node

Issue	Description
SF-808843, SF-813273, SF-813716, SF-779942, SF-798641, SF-785277, SF-791651, SF-793594 ACM-62821, ACM-64434, ACM-64408, ACM-61859, ACM-63736, ACM-62731	fails," and statement fails with "Invalid column index." This fix eliminates these errors with SQL commands. Quotes are no longer needed nor suggested around variable names. For backward compatibility, if the quotes are included, they are ignored. Whitespace between the opening quote and closing quote, or q-quote wrapper, are also ignored. All of the following are equivalent:  <pre> \${access_request_notes} '\${access_request_notes}' q'[\${access_request_notes}] q'\${access_request_notes}' q'(\$access_request_notes)' q'&amp;lt;\${access_request_notes} &gt;' q'!\${access_request_notes}!' </pre>
SF-804303 ACM-63641	A completed request is still shown in the Fulfillment Phase in Request Details screen. The fix makes sure that the request is processed and moves to the completed state.
SF-705452, SF -709315 ACM-55366	Error occurs during request fulfillment: "ORA-01722: invalid number."
SF-812262 ACM-64497	In a workflow, an Approval node is disconnected from the Approvals phase when using Group By Role Owner.
SF-825335 ACM-65610	A non-privileged user can generate a change request by changing the OID value in the change request URL.

## Collector

Issue	Description
SF-749192 ACM-58702	Change verification in role collection is executing for an inordinate amount of time.
ACM-56202	With Novell IDM Entitlement Data Collector, entitlements were resolved against Users, but now entitlements are being resolved against Accounts.
SF-764480 ACM-60052	Customer cannot use the word 'Replace' as part of the SQL query in the Entitlement collector.
SF-764483 ACM-60476	Identity collections fails. The following error is observed in aveksaServer.log: "ORA-01400: cannot insert NULL."

Issue	Description
SF-719853 ACM-56512	The system updates the database with partial read results after an LDAP collection when a search operation is abandoned or terminated.
SF-759424 ACM-59853	Workday Identity Collector fails with an error "Failed to add WS-Security header to request"
SF-783309, SF-766351 ACM-61786	The field "Security Token" appeared mandatory in the new Salesforce Data Collector configurations.
SF-754154, SF - 771853 ACM-59329	Cannot collect from a cloud-based Workday application without the ability to define web proxy.
SF-792812 ACM-62643	The Entitlement Data Collector does not work with a custom database driver after the upgrade
SF-770400; SF-756694 ACM-60732	MAL: The connection to remote agents timeout, interrupting the collection process
SF-730437, SF- 808076 ACM-57967	After updating MySQL driver to v5.6, the Active Directory Collector (ADC) test fails with a SQL syntax error.
SF-758164 ACM-62486	StealthAUDIT did not collect data from IP addresses ending with the .255 octet.

## Connector

Issue	Description
SF-739768 ACM-57803	AFX connectors had 'Application' mapping attributes populated only for Account related capabilities. The mapping attributes have been extended to cover other capabilities.
SF-758811 ACM-60041	SOAP connector fails with a NullPointerException.
SF-760264 ACM-60527	Test Connection for Soap Connector to Lync AFX fail.
SF-650965 ACM-53908	When configuring the REST Web Services Connector, the Command Code Path input field cuts off all of the content after "&"
SF-742255	Provisioning Joiner/Mover rule is not successfully adding all of the users from to

Issue	Description
ACM-61399	Active Directory.
SF-711897 ACM-55731	AFX connectors do not install when moving from development to test box in WebSphere environment.
SF-779202; SF-773511 ACM-62921	When using SSL with the generic SOAP Web Services Connector, AFX ignores any certificates in the default truststore or any keystore paths specified in the UI connector configurations.

## Database Management

Issue	Description
SF- 717985, SF -750682 ACM-58936 ACM-57316	An "Illegal TXN state" error occurs when a user task is invoked from the My Tasks menu.
SF-783596 ACM-61770	Leaking CLOBs and XMLType exceeded maximum temporary space over a period of time.
SF-782388 ACM-61635	An "ORA-01000: maximum open cursors exceeded" error occurred when a report was generated.
SF-760015 SF-784081 ACM-60459, ACM-64559	Slow performance experienced with the system. In Requests > Activities, accessing "ActivityByBusinessSourceTable" results in long-running process.
SF-829784 ACM-65974	When using avdbimport to import a database backup, entering the wrong name for the backup file results in an empty database.

## Database Performance

Issue	Description
SF-744512 ACM-5938	Review generation is very slow after the migration from version 6.8.1 P11 to 6.8.1 P21.
SF-725770 ACM-56683	Concurrent user logins slow down the user interface and show the "loading data" message.
SF-782388 ACM-61635	An "ORA-01000: maximum open cursors exceeded" error occurred when a report was generated.
SF-767203	A requestor is experiencing delays in navigating through the change request

Issue	Description
ACM-63649	procedure when requesting access to a role.
SF-784081 ACM-64480	A performance issue is experienced with the SecurityContext.csv query.
SF-799174 ACM-63105	Slow page load observed in the Requests > Activities > By Entitlement page from a monitoring policy view.
SF-760015 SF-784081 ACM-60459, ACM-64559	Slow performance experienced with the system. In Requests > Activities, accessing "ActivityByBusinessSourceTable" results in long-running process.

## Data Collection Processing and Management

Issue	Description
SF-752247 ACM-58850	Unification is taking an inordinate amount of time to complete because of "Step 7/10- "Populate Role Metrics" taking 54:55 hrs" (from the Statistics Report).
SF-722028 ACM-56257	Identity data unification is taking 2 hours instead of 20 Min after applying v6.9.1 P05.
SF-666860 ACM-54819	After an AD account is disabled, it is unable to see its membership groups
ACM-56202	With Novell IDM Entitlement Data Collector, entitlements were resolved against Users, but now entitlements are being resolved against Accounts.
SF-771363 ACM-60734	Entitlements cannot be mapped to users if a multi-app entitlement collector is deleted.
SF-767681 ACM-60520	Unification and Aveksa ADC processing never completes after applying 7.0 P01. Both tasks are required to be canceled using the Kill Task option in the Run Details page under Admin > Monitoring.
SF-769891 ACM-60586	The "Data is case sensitive" setting for an account collector is ignored, resulting in 40,000 orphaned accounts.
SF-763198 ACM-60872	Manual account mappings are not cleared after collected data indicates they should be cleared.
SF-596695, SF -743574 ACM-50656	WebSphere logs the following message "There are currently 100 open JMS Producers for the Session." This has been fixed so that the application closes producers that are not required.
SF-758596	After the customer rebuilt a collector, they could no longer submit requests for

Issue	Description
ACM-59675	their roles.
SF-758073 ACM-59428	The entitlement collector fails during the database processing stage.
SF-762813 ACM-60776	The field in the Entitlement Data Collector table was not big enough to support concatenating Resource Name and Action fields.
SF-800215 ACM-63298	Identity collector indirect relationship processing taking seven hours and deleting user relationships.
SF-782956 ACM-61793	An "ORA-30004: when using SYS_CONNECT_BY_PATH function, cannot have separator as part of column value" error occurred when performing a query on V_BIZROLES_MEMBERSHIPS.
SF-789930 ACM-62400	Business description processing taking 30 minutes to process 168,000 records
SF-801042 ACM-63358	Account collection is taking an inordinate amount of time to complete.
SF-801859 ACM-63464	Account collection is failing in development and production environments.
SF-792371, SF -797976, SF -815955 ACM-62549	Change verification after account collection taking 14+ hours.
SF-762287 ACM-60751 ACM-62504	When a user is a member of a business role that has a technical role as an entitlement, the user is granted the technical role twice, a direct entitlement and an indirect entitlement.
SF-808921 ACM-63946	Unification has been running an inordinate amount of time.
SF-800847, SF-807868, SF-808385, SF-812247 ACM-63717	An entitlement collection fails. The following error is observed: "failing with ORA-30926: unable to get a stable set of rows in the source tables."
SF-806508 ACM-63818	Indirect relationship processing is inordinately slow for collected entitlement and role data after applying 7.0 P02.
SF-816288	Data collection information is not displayed under the Admin > Monitoring >



Issue	Description
ACM-64737	Performance Summary tab.

## Dashboard

Issue	Description
SF-596790 ACM-50466	A line break for custom user link text incorrectly occurs on a dashboard.
SF-773609 ACM-60921	Dashboards are not displaying according to the display sequence.
SF-741584, SF-795450 ACM-62634	The Dashboard shows the default review tabular report instead of a tabular report specific to the selected review.
SF-778398 ACM-61346	User experiences long response times when using the Dashboard.

## Descriptions

Issue	Description
SF-728149 ACM-56985	'invalid Type error' appears in the UI when uploading a CSV file to import Entitlement Description for applications.
SF-724380 ACM-5660	Group description CSV file bulk import not working properly.

## Email

Issue	Description
SF-728549 ACM-56665	When a group membership change rule that is configured to use the Send email action is run, the resulting email lists the affected groups as "null(Admin)" instead of the actual group name.
SF-649574, SF-707412 ACM-52829	There is an issue with the URL in password reset email notification.
SF-750619 ACM-60722	When the monitor tries to access a review using the hyperlink created from the variable review_rvw_url, an insufficient privilege error appears.
SF-713802 ACM-55974	A Long Description hyperlink does not open in a new window/tab; the current window is replaced by the hyperlink URL.

## Installer

Issue	Description
SF-762176 ACM-60865	Patch installation fails if an "admin" account does not exist.

## Local Entitlements

Issue	Description
SF-763467 ACM-60229	A user with a "Directory: Admin" entitlement is not able to edit Groups.

## Metadata Import/Export

Issue	Description
SF-716474 SF-721489 ACM-55958	After importing a rule that is configured to generate a review, the generate review action is not configured. After the import, the rule has the generate review action checked, but the review definition is not associated with the action.

## Migration

Issue	Description
SF-734749 ACM-57163	Migration Report Utility script throws an error.
SF-821693 ACM-65538	A performance issue is observed with indirect relationship processing.

## Platform

Issue	Description
SF-672499 ACM-53995	The aveksa-install.log does not clearly identify the installation option selection, which results in increased diagnostic time.
SF-689578 ACM-54594	Running the modifyhostname.sh script on V6.9.1 fails with a " /usr/bin/modifyhostname.sh: line 157: ../acmcerts.sh: No such file or directory" error.
ACM-61037	Modifyhostname.sh has relatives paths.
SF-749705, SF-757128	The server takes a long time to start and migrate the .jrxml files.

Issue	Description
ACM-58548	

## Password Management

Issue	Description
SF-734427 ACM-57088	The reset password dialogue indicates an incorrect password syntax requirement.

## Reports

Issue	Description
SF-714534 ACM-56094	Chart element colors revert to the default colors.
SF-718008 ACM-56669	A report is running on a schedule even though the report "Is Scheduled" setting is NO.
SF-744510 ACM-57935	The View Report and Run Report settings for an imported report are incorrect.
SF-701868 ACM-55191	A report's column display name is the same as the column name.
SF-741373 ACM-57697	When the option "Delete the report result after sending e-mail" is checked, scheduled reports send an e-mail without an attachment.
SF-696357 ACM-54978	Unable to run "Change Request Status Summary, by day for past month" Access Request report.
SF-721068 ACM-56878	User had a large report with over 65,000 lines and could not export as a usable file.
SF-775598 ACM-61116	A "Request could not be handled" error occurs when attempting to download a statistics report.
SF-777489 ACM-61686	After upgrading from 6.8.1 P20 to P22, the user sees "The request could not be handled" error in General tab when the attempting to edit or create new reports.
SF-792013 ACM-62488	When the user added a bind variable to the report, the resulting exported CSV file is blank.
SF-787727 ACM-62247	The report was not imported properly, resulting in the bind variables Default Values not appearing on the query page of the report.
SF-782388	An "ORA-01000: maximum open cursors exceeded" error occurred when a report

Issue	Description
ACM-61635	was generated.

## Request Forms

Issue	Description
SF-714556 ACM-57205	When more than one workflow email address is populated from a workflow variable, only one is used.
SF-702595 ACM-55250	An Entitlement Rule for a request form question is not able to parse SQL.
SF-705090 ACM-56280	When creating a Request Form and creating a new field with the type checkbox, the "off" value for the field is not set when the default value of the checkbox is set to off.
SF-669990 ACM-53673	When using User Account Table control type for choosing accounts in an Access Request form, the form does not allow a supervisor to select a subordinate's account. A supervisor can now select the account to create an access request
SF-775551 ACM-61215	Submission variable is not appearing on all Change Requests, when the Change Request uses a custom form with grouping by user and multiple users are submitted. This issue has been fixed so the variable now appears on the Change Request for each user.
SF-684046 ACM-54433	Values for a drop down control in request forms cannot be deleted if the value contains quotes
SF-779263 ACM-61776	The error "Missing two input values" appears when trying to run the register user request form that is configured with the Naming Policy that has a single attribute transform.
SF-620305 ACM-52017	Terminating a user through Default Terminate Button, Default Terminate Form, or default workflow duplicates change requests.
SF-791875 ACM-62506	When a selected user does not populate any accounts into the table, the "User Account Table" field, in the request forms, returns a "required" warning, even though it is not configured as a required field.
SF-803077 ACM-63479	The User Accounts table is not displayed in forms that have a condition associated with a table, even if the condition is valid.

## Role Management

Issue	Description
SF-749192 ACM-58702	Change verification in role collection is executing for an inordinate amount of time.
SF-752364 ACM-58996	When creating a Role Set, in Role Set policies, the 'Deny members not matching the membership rule' setting is not limiting the users available to select. The setting now limits the users that can be added as members to the scope of the previously selected users.
SF-682208, SF-692154 ACM-55996, ACM-54807	Roles stay in Applied (or Applied New if a new role) state if a change request is partially rejected but still completes successfully.
SF-7895372 ACM-62204	A terminated and then re-hired user does not match the previous membership rule for the past role.
SF-773391 ACM-62617	Role ownership resolved to previously deleted user.
SF-812801 ACM-64291	The Remove action is available for a group that has been granted as an entitlement indirectly through a role under a the Access tab for a user who has the role
SF-780279 ACM-61688	The following error occurs when running a user access review: "ORA-20126: The creation of reviews failed. Stored Procedure:Parse_Roles_In_User_Review execution aborted. ORA-01427: single-row subquery returns more than one row."
SF-812781 ACM-64290	Under a user's Access tab, an entitlement indirectly granted to the user through membership in role does not indicate that the entitlement belongs to the role.
SF-813763 SF-816920, SF-818290 ACM-64568	A "Parsing failed at line" error occurred during a rule membership configuration operation for a role.
SF-812270 ACM-64693	Slow performance experienced with role management operations.
SF-819325, SF-818430 ACM-65126	Users who match a role membership rule criteria do not match the criteria after they are removed from the role.

## Rules

Issue	Description
SF-754075 ACM-59169	Terminating the user removes an account that has been associated with the user in the past.
SF-728549 ACM-56665	When a group membership change rule that is configured to use the Send email action is run, the resulting email lists the affected groups as "null(Admin)" instead of the actual group name.
SF-661912 ACM-53199	<p>When a rule remediation is completed and one or more entitlements is revoked, a change request is created to remove the entitlements. Before the change request is completed, a user can cancel it. In such a case, all violating entitlements (associated with the remediation that created the change request), whether they were maintained or revoked, are put in an indeterminate state and the violating entitlements continue to appear as violations of the rule. This situation cannot be resolved for the following reasons:</p> <ul style="list-style-type: none"> <li>• The violations cannot be remediated because the remediation task was completed, so the violations no longer have an assigned remediator.</li> <li>• The violations are not recognized on any subsequent executions of the rule because when a rule is executed, it only recognizes new violations discovered on that execution of the rule.</li> </ul> <p>After applying this patch to the system, when a user cancels a change request that is created by a violation remediation, all of the identified violations are returned to their previous state and a new remediation workflow is created and assigned to the remediator, who can now maintain or revoke the entitlements as required.</p>
SF-747689 ACM-58431	The termination rule creates a change request to disable an account that is already disabled.
SF-615695 ACM-51519	Attribute change rule does not work with Unique ID condition.
ACM-56609	When creating an access request for a user, if the user has multiple accounts, the Accounts Selection page should be displayed, regardless of the setting for the Entitlements Require Account option.
SF-751641 ACM-59393	The Operator, under the Update managed attribute value checkbox, does not set the value to the current date when Set to detection date is selected.
SF-777749 ACM-61791	In the Exceptional User Access Workflow, the Maintain All, Revoke All, and Clear All buttons are not functional for the Secondary Rule Remediation node.

Issue	Description
SF-740094, SF-740342 ACM-61117	Based on the number of remediators, duplicate work items are displayed under the Violation Remediation tab.
SF-806515 ACM-64161	Attribute change rule action is not executed.
SF-819325, SF-818430 ACM-65126	Users who match a role membership rule criteria do not match the criteria after they are removed from the role.

## Security

Issue	Description
SF-20111 ACM-46118	AveksaAdmin Login: The system displays the lockout message only after the correct password is entered after the "Maximum number of unsuccessful login attempts" value is exceeded.
SF-777383 ACM-61303	Specially constructed URLs could allow information leakage vulnerabilities where a user could view information for which they do not have privileges. This issue was fixed.
SF-619882 ACM-51714	BindPassword of authentication source is now obscured properly.
SF-619760 ACM-51908	The password hashes are visible in the AFX Connectors service account settings instead of the encoded asterisks.
SF-828015 ACM-65761	Non-privileged user can edit AFX connectors and change the capabilities.

## Server Core

Issue	Description
SF-724142 ACM-56748	WebService commands collectAccounts and collectEntitlements are inconsistent.
SF-732155 ACM-56879	The WebService request is always passed to the Request Workflow as "Delegated approvals with default."
SF-730477 ACM-56763	Null pointer exceptions occur when a workflow process is not found.
SF-677224	version 6.9.1 P01) was unable to connect to the database with the following

Issue	Description
ACM-54028	message observed "date: invalid date '@ERROR'".
SF-760448 ACM-60355	Scheduled backups are not executing automatically.
SF-782388 ACM-61635	An "ORA-01000: maximum open cursors exceeded" error occurred when a report was generated.
SF-814060 ACM-64663	When completing an access request form, a warning prevents the user from saving an advanced mode query because it cannot be represented in basic mode.

## User Interface

Issue	Description
SF-667254 ACM-54592	The user does not see consistent "Requested on" dates for the same Change Request.
SF-663079 ACM-53402	In the Bulk Actions window for a multi-step review, the actions options are not aligned with "Explicitly selected."
SF-22037 ACM-48750	The "Entitlement Raw Name" column cannot be selected from Table Options under the Change Preview tab in Review Results.
SF-19497 ACM-45742	A user access review result incorrectly displays decimal points in job code IDs when the results are grouped by job code.
SF-676846 ACM-54817	The 'Overall Status' in the Review Result refreshes automatically to update the displayed time and date even after the completion of the review.
SF-752280 ACM-60146	When writing users from through join request into an identity source, users with an apostrophe in their name get a double apostrophe.
SF-783226, SF-803077 ACM-62595 ACM-65223	Several user interface elements are "grayed out" when using Internet Explorer after an upgrade to 6.9.1 p10. The browser used a locally cached version of JavaScript files after the upgrade.
SF-799174 ACM-63105	Slow page load observed in the Requests > Activities > By Entitlement page from a monitoring policy view.
SF-760015 SF-784081 ACM-60459. ACM-64559	Slow performance experienced with the system. In Requests> Activities, accessing "ActivityByBusinessSourceTable" results in long-running process.



## Known Issues and Limitations

This section lists issues that remain unresolved as of this release. If a workaround is available, it is cited.

### v7.0.1 Issues

Tracking ID	Description
ACM-54763	<p>After editing an ITIM Connector, the Test Connector button reports a failed connection due to a "zip file closed" error.</p> <p><b>Workaround:</b> Restart the AFX server and do not click Test Connection.</p>
ACM-56715	The Archer Account Data Collector (ADC) does not collect more than one phone number when there are multiple phone number entries.
ACM-62715	In the Initialization Status window that opens when first starting RSA Identity Governance and Lifecycle after an installation or upgrade, the links to the log files do not work.
ACM-62893	When using the LDAP Account Data Collector (ADC), collection fails if the Group Base DN has a space in the name.
ACM-65005	When saving a workflow after using the Rolling Back feature, an SQL exception occurs.
ACM-65493	When terminating a user (Users > Request > Terminate User), the associated account was not disabled.
ACM-66106	Add Entitlements table shows inconsistent results when roleset policy set to "Deny entitlements not matching the entitlement rule."
ACM-66329	When selecting email address as a workflow variable, the Resources dialog does not show the proper variable selection.
ACM-66476	<p>When using the Compare User control, the target user is not displayed initially in the Change Summary table, in form details.</p> <p><b>Workaround:</b> Navigate back to previous page, then select the detail page again, the user detail is displayed.</p>
ACM-66521	<p>When creating many collectors, a memory leak causes large amounts of memory to be used.</p> <p><b>Workaround:</b> Restart AFX.</p>
ACM-67627	The Reassigned button in a fine-grained user access review is disabled after the review owner reassigns review items from one user to another.

Tracking ID	Description
ACM-67616	Test Connection is failing with SSL connection to an ITDS source for an account collector.
ACM-67614	The Add Resource window for a workflow node does not display the correct page number. <b>Workaround:</b> Refresh the page.
ACM-67400	The Admin menu disappears after importing metadata. <b>Workaround:</b> Log out of RSA Identity Governance and Lifecycle and then log in again.
ACM-67503	In the review result, when you click "View Change Request History," the Undo Sign-off function does not work.

## v7.0.0 Issues

Tracking ID	Description
ACM-62462	Applying Latest 7.0.0 P02 Build P02_7.0.0.106733, throws a java.sql.SQLException: "ORA-04068: existing state of packages has been discarded." <b>Workaround:</b> Restart the server and the application after you install the patch.
ACM-55664	Entitlements of the type global role cannot be added to a role in a role set, even though the Entitlement Rule setting for the role set allows that entitlement type to be added to the role.
ACM-52520	Only the Remove Change item is included in a request which was created to add and remove application roles 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-62079	Total item count mismatch is observed under tabs for Approvals and Activities.

Tracking ID	Description
ACM-62306	The Entitlement Path under a user's Access tab shows an older account name and not the new, latest collected name.