

# **RSA® Identity Governance and Lifecycle**

**V7.0.1 Patch 5**

**Release Notes**



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## Supported Environments and Components

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The *RSA Identity Governance and Lifecycle Platform Datasheet and Support Matrix* for each version is available on RSA Link (<https://community.rsa.com/>). This document contains the most current details of the supported environments and components, including supported browsers and browser configurations.

**Note:** Internet Explorer 11 using Compatibility View is not supported. Internet Explorer 11 running Enterprise Mode cannot access RSA Identity Governance and Lifecycle.

## Install a Patch

---

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.

### Before you begin

When upgrading from product versions older than 7.0.1, in all environments, you must upgrade to the base version 7.0.1 before installing any 7.0.1 patches. Patches are cumulative.

### 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 5

Information about the 7.0.1 Patch 5 release is included in the following sections:

- [What's New in Release 7.0.1 Patch 5](#)
- [User Interface Changes in Release 7.0.1 Patch 5](#)
- [Fixed Issues in 7.0.1 Patch 5](#)

### What's New in Release 7.0.1 Patch 5

| Feature                       | What's New                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AveksaAdmin Password Security | <p>After you upgrade or install RSA Identity Governance and Lifecycle, the AveksaAdmin password is hashed and encrypted in a new, more secure format upon the AveksaAdmin user's first login.</p> <p>After a new installation or upgrade, you can migrate data containing the older password format only once. Attempting subsequent migrations may lock out the AveksaAdmin, and require assistance from Customer Support to recover access.</p> |
| Reports                       | The Additional System Information section of the Aveksa Statistic Report (ASR) now includes a list of any custom files that have been uploaded.                                                                                                                                                                                                                                                                                                   |

### User Interface Changes in Release 7.0.1 Patch 5

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                                                                                                                                                                                                                |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SF-942744<br>ACM-73716              | The format of the metadata export file has changed to include additional custom attribute properties. As a result of this change, you cannot import export files from previous release or patch versions.                  |
| SF-932143<br>SF-948063<br>ACM-73177 | The User Attributes check box has been removed from the Import/Export dialog. All attributes, including user attributes, can be imported or exported by selecting the Attributes check box.                                |
| SF-835743<br>SF-915044<br>ACM-66520 | The Grouped by Application tab for a user review is now labeled "Grouped By Business Source." It now includes groups and roles organized by their directory or role set in addition to entitlements and application roles. |

## Fixed Issues in 7.0.1 Patch 5

The following issues have been fixed in 7.0.1 Patch 5.

### Access Certification

| Issue                               | Description                                                                                                                   |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| SF-835743<br>SF-915044<br>ACM-66520 | The Grouped by Application tab for a user review did not display groups and roles by their directory or role set as expected. |
| SF-756275<br>ACM-59397              | When multiple review escalations are scheduled for a single review, the review is incorrectly reassigned.                     |

### Change Requests and Workflows

| Issue                               | Description                                                                                                                                       |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| SF-889452<br>ACM-72560              | The Cancel Change Request node for manual fulfillment workflows listed Reject Change Request selections that were not actually available for use. |
| SF-1021962<br>ACM-78218             | The URL workflow variable didn't resolve correctly when an escalation was raised on a request workflow.                                           |
| SF-990759<br>SF-994652<br>ACM-76958 | Account data change verification for the Windows Server accounts collector would abort after running for more than 16 hours.                      |
| SF-956207<br>ACM-75139              | In a manual activity workflow, a Mark Verified Node could erroneously complete verification of manual fulfillments.                               |
| SF-889452<br>ACM-72560              | The Cancel Change Request node for manual fulfillment workflows listed Reject Change Request selections that were not actually available for use. |

### Collector

| Issue                  | Description                                                                                                                            |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| SF-991315<br>ACM-76565 | For a change request that failed due to an invalid CR_ID, the review submission did not roll back updates to the database as expected. |

## Connector

| Issue                  | Description                                                                                           |
|------------------------|-------------------------------------------------------------------------------------------------------|
| SF-877139<br>ACM-70139 | Attribute values edited to be blank did not carry over to the connector in attribute synchronization. |
| SF-947029<br>ACM-74335 | Unable to create a connector with a generic database using the DB2 connector template.                |

## Custom Attributes

| Issue                  | Description                                                                                                                                                               |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SF-942744<br>ACM-73716 | Some custom attribute properties, such as "In Detail," "In Popup," and "In Table" risked reverting to their default values because they did not copy to an exported file. |

## Data Collection Processing and Management

| Issue                  | Description                                                                                                                                                |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SF-919973<br>ACM-72616 | The Accounts data table for an ADC incorrectly displayed the Last Collected Date after a successful run.                                                   |
| SF-944339<br>ACM-73752 | When importing a user account mapping for an orphan account, the new mapping was not reflected in the Total Orphan count in the application's General tab. |

## Database Management/Performance

| Issue                  | Description                                                                                                                                                  |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SF-968303<br>ACM-75048 | Exporting the activity table could cause "Out of Memory" errors when there was a large amount of activity data.                                              |
| SF-629019<br>ACM-72836 | If columns for user data such as the first or last name were used, a user accounts table may not have displayed properly after an upgrade to 7.0.1 or later. |

## Email

| Issue      | Description                                                                 |
|------------|-----------------------------------------------------------------------------|
| SF-1004206 | Password resets issued by the administrator sometimes incorrectly displayed |

| Issue                  | Description                                                                                                                        |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| ACM-77308              | a 3-character password for the user accounts due to special characters in the view page.                                           |
| SF-977178<br>ACM-75978 | Excessive PasswordResetEvent and PasswordExpirationEvent ERRORS filled the aveksaServer.log file and delayed startup and shutdown. |

## Installer

| Issue                  | Description                                                                                                                                |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| SF-888171<br>ACM-72570 | The message “ITIM agent already exists” appeared when trying to install an ITIM agent after uninstalling a different version of the agent. |

## Metadata Import/Export

| Issue                               | Description                                                                                                                                                           |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SF-932143<br>SF-948063<br>ACM-73177 | Importing incomplete export files of custom user attributes caused errors that affected creating new custom user attributes and running identity account collections. |

## Migration

| Issue                  | Description                                                                                                                                                                                                                                 |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SF-974794<br>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-929698<br>ACM-73096 | Password policy was failing when the hyphen (-) character was included in the list of minimum required characters. |

## Reports

| Issue                               | Description                                                                                    |
|-------------------------------------|------------------------------------------------------------------------------------------------|
| SF-792552<br>SF-883275<br>SF-847594 | Filter criteria did not save when switching between the Query tab and the Filter Criteria tab. |

| Issue     | Description |
|-----------|-------------|
| SF-916311 |             |
| ACM-63502 |             |

### Role Management

| Issue     | Description                                                            |
|-----------|------------------------------------------------------------------------|
| SF-972385 | Groups could not be edited normally after their initial configuration. |
| ACM-75248 |                                                                        |

### User Interface

| Issue      | Description                                                                         |
|------------|-------------------------------------------------------------------------------------|
| SF-1027542 | Could not log in to version 6.9.1 using Compatibility View in Internet Explorer 11. |
| SF-1022950 |                                                                                     |
| SF-1017658 |                                                                                     |
| SF-1028073 |                                                                                     |
| SF-1011890 |                                                                                     |
| SF-1023511 |                                                                                     |
| SF-1032885 |                                                                                     |
| SF-1023640 |                                                                                     |
| ACM-78552  |                                                                                     |

## 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><br>SF-843527<br>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><br>SF-864475<br>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><br/>SF-919973<br/>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<br/>SF-927964<br/>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<br/>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<br>ACM-74600              | The Fulfillment Handler was using the XML configuration instead of the internal configuration. |
| SF-942388<br>SF-955309<br>ACM-73931 | Revocation change requests did not display work items.                                         |

## Authentication

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

## Change Requests and Workflows

| Issue                               | Description                                                                                                                                           |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| SF-943653<br>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<br>ACM-73104              | The number of escalations in a workflow was incorrectly limited.                                                                                      |
| SF-866742<br>ACM-69358              | When creating a workflow for custom tasks, using the automatically populated Reference Name resulted in an error.                                     |
| SF-950758<br>SF-958618<br>ACM-74131 | When accounts were disabled, an incorrect change request item was created.                                                                            |
| SF-874232<br>ACM-71674              | When creating a change request, the user selection screen appeared twice when multiple forms were configured.                                         |
| SF-889452<br>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<br>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<br>SF-944220<br>ACM-67252<br>ACM-73747<br>ACM-63718 | on nodes like the Manual Fulfilment Node, or generate an ORA-02291 integrity constraint error.                                                               |
| SF-956207<br>ACM-75139                                        | In a manual activity workflow, a Mark Verified Node could erroneously complete verification of manual fulfillments.                                          |
| SF-745588<br>ACM-60984                                        | The user using the REST Web Services Node was unable to set "Content-Type", which instead defaults to "text/plain".                                          |
| SF-920455<br>SF-910312<br>ACM-73174                           | When "Wait for Result" was selected, workflows were stuck in the Provisioning Command phase.                                                                 |
| SF-895630<br>ACM-71205                                        | Workflow Java node was unable to save configuration.                                                                                                         |
| SF-845740<br>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<br>ACM-72140                                        | A group entitlement was not included in a change request when added from a role review.                                                                      |

## Collector

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

## Connector

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

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

### Custom Attributes

| Issue                   | Description                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------|
| SF-1005057<br>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<br>SF-905933<br>SF-921603<br>SF-927362<br>SF-953819<br>ACM-70140 | The My Requests dashboard displayed incorrect values for All Requests, Pending, and Completed.                                      |
| SF-961911<br>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<br>ACM-73810              | During collection, some groups could not be created when attribute values were null.                                                                                                                                                                                                                                                                                                       |
| SF-907978<br>SF-919973<br>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<br>ACM-72616                                                     | The Accounts data table for an ADC incorrectly displayed the Last Collected Date after a successful run.                                                                               |
| SF-874496<br>ACM-69828                                                     | Pagination was not working on the Attribute Synchronization page.                                                                                                                      |
| SF-968405<br>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<br>SF-959587<br>SF-964145<br>SF-973841<br>SF-957979<br>ACM-73932 | Identity collector could fail when USER_ID is used in a Unification Join.                                                                                                              |
| SF-955199<br>ACM-74460                                                     | Indirect Relationship processing did not reliably succeed because of Oracle error ORA-30926.                                                                                           |

## Data Governance

| Issue                  | Description                                                                                               |
|------------------------|-----------------------------------------------------------------------------------------------------------|
| SF-955928<br>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<br>SF-983047<br>SF-982768<br>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<br>SF-920947<br>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<br>ACM-69179 | Business descriptions for groups were deleted by the system during post-collection processing. |

## Email

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

## Installer

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

## Localization

| Issue                  | Description                                                                                                      |
|------------------------|------------------------------------------------------------------------------------------------------------------|
| SF-895722<br>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<br>ACM-74441 | The custom user attribute SUPERVISOR_NAME conflicted with an existing, identical attribute during a schema migration.                                                                                                                       |
| SF-976839<br>ACM-75848 | During migration, the file ACM-60520.sql was running for several hours.                                                                                                                                                                     |
| SF-974794<br>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<br>ACM-74080 | In a RedHat environment with a remote database, users experienced slow user interface performance when updating challenge questions. |
| SF-929698<br>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<br>ACM-67287 | Fields could not be added to a request form using a web service with basic authentication. |

## Role Management

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

| Issue                               | Description                                                                                                                                                                                                                                                            |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SF-972385<br>ACM-75248              | Groups could not be edited normally after their initial configuration.                                                                                                                                                                                                 |
| SF-965884<br>SF-964297<br>ACM-74834 | Performance issues occurred when adding users and entitlements to a Role with active rules.                                                                                                                                                                            |
| SF-928834<br>ACM-73183              | The Add entitlements button became hidden in unnecessary contexts.                                                                                                                                                                                                     |
| SF-941379<br>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<br>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<br>ACM-66415              | Role Discovery is not working in cases where entitlement matching criteria is not specified                                                                                                                                                                            |

## Rules

| Issue                               | Description                                                                                                  |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------|
| SF-928144<br>ACM-72795              | Implicit Account Removal was not working as expected.                                                        |
| SF-881484<br>SF-934461<br>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<br>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<br>ACM-69612                                        | A review generation is stuck on a certain step due to performance issues caused by the STG table.                                                 |
| SF-820993<br>ACM-65054                                        | In Group Reviews, when signing off a deleted group item, a null pointer exception occurs.                                                         |
| SF-889059<br>SF-911366<br>ACM-70690                           | A review that was unable to complete caused an error during restart that prevented the user interface from loading.                               |
| SF-803269<br>SF-927964<br>SF-979348<br>ACM-63517<br>ACM-75730 | Specifying date-type attributes for user review criteria resulted in the following error: ORA-01840: input value not long enough for date format. |

## Access Requests

| Issue                                                                      | Description                                                                                                                                                                                                        |
|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SF-909706<br>ACM-72131                                                     | On the By Entitlement tab of the My Activities page, an account's custom attributes were not populated.                                                                                                            |
| 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<br>SF-890332<br>SF-908531<br>SF-934592<br>ACM-71833<br>ACM-73254 | In a form-based workflow where forms were approved and then fulfilled, the workflow intermittently skipped the approval step.                                                                                      |
| SF-825742<br>SF-768664<br>ACM-68221                                        | When adding entitlements to users, some account template forms are not displayed.                                                                                                                                  |
| SF-959975<br>ACM-74600                                                     | The Fulfillment Handler was using the XML configuration instead of the internal configuration.                                                                                                                     |

## Account Management

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

## Authentication

| Issue                  | Description                                                                                                     |
|------------------------|-----------------------------------------------------------------------------------------------------------------|
| SF-873800<br>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<br>ACM-70091                                        | Changes and configurations in the new workflow nodes are not saved properly.                                                                                                                  |
| SF-746543<br>ACM-63437                                        | During account creation, when AFX reports a failure due to a duplicate user, the associated change request reports a success.                                                                 |
| SF-893870<br>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<br>SF-840524<br>SF-817772<br>SF-804825<br>ACM-67872 | When a change request is not successfully submitted, pending accounts remain in the system until manually cleaned up.                                                                         |
| SF-917117<br>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<br>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<br>ACM-73104                                        | The number of escalations in a workflow is incorrectly limited.                                                                                                                               |
| SF-900111<br>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<br>ACM-69358                                        | When creating a workflow for custom tasks, using the automatically populated Reference Name resulted in an error.                                                                             |
| SF-842253<br>ACM-67139                                        | Tooltip messages on a rejected change request incorrectly indicated that there was an error.                                                                                                  |

## Collector

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

| Issue                                                                                               | Description                                                                                                                     |
|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| SF-00909993<br>SF-00907746<br>SF-00906213<br>SF-00915126<br>SF-00917341<br>SF-00929895<br>ACM-71772 | ADCs are failing with the following error: "Unprocessed Continuation Reference".                                                |
| SF-881641<br>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<br>ACM-71836                                                                              | Lotus Notes collections failed when attempting to use SSL communication.                                                        |

## Data Collection Processing and Management

| Issue                               | Description                                                                                                                                                  |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SF-862923<br>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<br>SF-880044<br>ACM-69827 | When collecting roles, a Role Collector fails if not also collecting members because of expected resolution rules for a user.                                |
| SF-881281<br>ACM-69893              | The "Active and Availability" status incorrectly shows the user as active despite being terminated or deleted.                                               |
| SF-883207<br>ACM-70129              | The Identity Collector Unification runs for an extremely long time during data clean up.                                                                     |
| SF-805942<br>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<br>ACM-69665              | Account Data Collectors are taking much longer than expected to execute and appear to be stuck on a single step.                                             |
| SF-822954<br>ACM-65328              | In SOAP and REST Nodes, embedded variables are not being substituted correctly and are sent as null.                                                         |

| Issue                                                         | Description                                                                                                                                                            |
|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SF-843099<br>ACM-67381                                        | The Active Directory ADC is unable to collect group memberships for accounts with DNs longer than 256 characters.                                                      |
| SF-884658<br>ACM-70600                                        | IDC processing is slow during the Populate Role Metrics step.                                                                                                          |
| SF-903491<br>ACM-71396                                        | Active Directory collections are failing during preprocessing, with date attribute well into the future.                                                               |
| SF-758832<br>ACM-62291                                        | When the truncate data option is selected, strings with multi-byte data are not properly parsed.                                                                       |
| SF-854003<br>ACM-70365                                        | When unifying multiple IDCs, some attributes are not populated.                                                                                                        |
| SF-920141<br>ACM-71086                                        | Role data collection fails with the following error: ORA-06536: IN bind variable bound to an OUT position.                                                             |
| SF-903491<br>ACM-71396                                        | When a single expiration date for an account was collected in an unsupported format, the Active Directory collections failed.                                          |
| SF-829704<br>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<br>ACM-71714                                        | After enabling the Complete Manual Activity Before Collection feature, duplicate user entitlements appeared when the collector collected the added entitlements.       |
| SF-831492<br>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<br>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<br>SF-915168<br>SF-925035<br>SF-932268<br>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<br>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<br>ACM-73810                                                     | During collection, some groups could not be created when attribute values were null.                                                                                                                                                                                                                                           |
| SF-968405<br>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<br>SF-959587<br>SF-964145<br>SF-973841<br>SF-957979<br>ACM-73932 | Identity collector can fail when USER_ID is used in a Unification Join.                                                                                                                                                                                                                                                        |

## Data Governance

| Issue                  | Description                                                                                                                                       |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| SF-825171<br>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<br>ACM-67624              | Role Reviews experience lengthy delays or timeouts with highly complex roles or roles with several thousand entitlements.                                                    |
| SF-889066<br>ACM-71028              | During the merge users step of the unification process, performance was degraded.                                                                                            |
| SF-668203<br>SF-798389<br>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<br>ACM-69677 | Emails containing non-ASCII (UTF) character encoding were not sent properly. |

## Installer

| Issue                               | Description                                                                                                                 |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| SF-832386<br>ACM-70244              | Installer and uninstaller removed Aveksa_System.cfg, which rendered the staging folder unusable for reinstallation.         |
| SF-733521<br>ACM-70207              | Upgrade prerequisite check is performed after the previous version is uninstalled.                                          |
| SF-860329<br>SF-873678<br>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<br>ACM-67014              | An unnecessary check for an OS generated an error when attempting to upgrade the JDK patch.                                 |

## Migration

| Issue                  | Description                                                                                                                                                |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SF-821693<br>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<br>ACM-60263 | Migration Error: Only one PARALLEL or NOPARALELL clause may be specified during migration.                                                                 |
| SF-974378<br>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<br>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<br>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<br>ACM-72683 | Change request form could not be submitted if it contained required hidden tables. |

## Role Management

| Issue                               | Description                                                                                                                      |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| SF-848885<br>ACM-67482              | Technical roles that were previously deleted are reappearing upon migration in Production.                                       |
| SF-890199<br>ACM-70598              | The size of the T_AV_ROLE_METRICS table is growing at a dramatic rate.                                                           |
| SF-792647<br>SF-836164<br>ACM-65704 | Role status remains in Applied or Applied New State, even after change request is complete.                                      |
| SF-897929<br>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<br>SF-679132<br>ACM-53637 | Using an advanced search filter with multiple parameters returns an error.                        |
| SF-642314<br>SF-765747<br>ACM-54369 | In violation reports, some SoD violations that were given exceptional access expired prematurely. |
| SF-916158<br>ACM-72138              | Rule processing fails when a rule name contains a colon.                                          |
| SF-894858<br>ACM-71265              | The Termination rule did not submit change requests to disable accounts for deleted users.        |
| SF-928144<br>ACM-72795              | Implicit Account Removal was not working as expected.                                             |

## Security

| Issue                  | Description                                                                                                                                              |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| SF-866735<br>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<br>ACM-72274 | Multiple passes were required to fully remove disallowed HTML markup.                                                                                    |
| SF-924002<br>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<br>ACM-72276 | Parameters containing URLs needed additional cross-site scripting filtering mechanisms applied.                                                          |

## Web Services

| Issue                  | Description                                                                                                                      |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| SF-884876<br>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<br>ACM-67417 | Exceptional temporary access to entitlements granted in a user access review stayed in the Maintain state after the expiration date.                                                                           |
| SF-805551<br>ACM-63789 | A review's "Due By" column displays "null days left."                                                                                                                                                          |
| SF-832126<br>ACM-66514 | Role Definition review result lists "deleted" and "terminated" users.                                                                                                                                          |
| SF-859909<br>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<br>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<br>ACM-65820 | Count reported in review status message does not match items selected in the review.                                                                                   |

## Access Requests

| Issue                  | Description                                                                                                                                                 |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SF-799755<br>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<br>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<br>ACM-66702 | Selected user for reassignment is lost when switching between tabs                                                                                          |
| SF-822954<br>ACM-65328 | In SOAP and REST Nodes, embedded variables are not being substituted correctly and are sent as null.                                                        |
| SF-828369<br>ACM-66081 | A role that contains users stays in the Open state after an attempt to delete it has been made.                                                             |
| SF-869744<br>ACM-69209 | Default value for text field is set always now, regardless of display conditions.                                                                           |

## ACM Security Model

| Issue                  | Description                                                                                                                                                                                        |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SF-654596<br>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<br>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<br>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<br>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<br>SF-849624<br>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<br>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<br>ACM-67439 | AFX not processing requests due to active workflows with no change request entries.                                                                     |
| SF-820125<br>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<br>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<br>SF-823486<br>SF-812840<br>SF-835037<br>SF-867034<br>SF-851571<br>ACM-65010 |                                                                                                                                                                                                                                                                                |
| ACM-63595<br>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<br>ACM-68800                                                                  | The Reject button is missing in a change request Approval form.                                                                                                                                                                                                                |
| SF-799005<br>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<br>ACM-68868                                                                | In a workflow transition line, entering more than 64 characters generates an exception error                                                                                                                                                                                   |
| SF-876459<br>ACM-69623                                                                  | After saving information in the settings of a Java Node, the fields "Java Class" and "Method" are empty upon reopening.                                                                                                                                                        |
| SF-856748<br>ACM-68577                                                                  | When a Change Request is created for a directory, "Other Type" owners are ignored for approval/fulfillment.                                                                                                                                                                    |
| SF-872423<br>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<br>ACM-70091                                                                  | Changes and configurations in the new workflow nodes are not saved properly.                                                                                                                                                                                                   |
| SF-684992<br>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<br>SF-871676<br>SF-877268<br>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<br>ACM-66722                           | When creating an account using the Active Directory connector, the connector does not accept more than 26 parameters.       |
| SF-810184<br>SF-820915<br>SF-842422<br>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<br>ACM-66720              | The Monitoring page loads data slowly.                                                                                                                      |
| SF-848601<br>ACM-67758              | A query in a workflow against V_AVR_ACCOUNT_ENTITLEMENTS is not returning results.                                                                          |
| SF-814121<br>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<br>SF-845341<br>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<br>ACM-69142              | Active Directory group memberships are not updating correctly when a user moves to another organization unit.                                               |
| SF-845485<br>ACM-67600              | Data unification did not complete.                                                                                                                          |

| Issue                  | Description                                                                                                                                              |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| SF-862923<br>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<br>ACM-65504 | AveksaAgent and AFX become unresponsive in a high network usage scenario.                                                                           |
| SF-851870<br>ACM-67724 | A view table is missing the expiration date column, forcing users to look elsewhere for the information.                                            |
| SF-867169<br>ACM-69593 | An SQL table rendered an error when it encountered an incorrect alphabetic character instead of a numeric one.                                      |
| SF-760015<br>ACM-68215 | System performance was degraded and the following error was observed: "Error reading request, ignored java.lang.OutOfMemoryError: Java heap space." |
| SF-824730<br>ACM-66406 | A performance issue is observed with Admin > Email > Log.                                                                                           |

## Installer

| Issue                  | Description                                                                                                |
|------------------------|------------------------------------------------------------------------------------------------------------|
| SF-849575<br>ACM-68165 | The common.sh scripts fails on instant client because the oracle user does not exist.                      |
| SF-849575<br>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,<br>SF-880264,<br>SF-893319<br>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<br>ACM-67259   | The selected user in a request form is lost if the user has multiple first or last names.                                                                                  |
| SF-859336<br>ACM-68259   | Many invalid objects database observed after migrating from 7.0.0 P03 to 7.0.1.116052.                                                                                     |
| ACM-68767<br>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<br>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<br>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<br>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<br>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<br>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<br>SF-858097<br>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<br>ACM-66135 | When a provisioning-termination rule is triggered after identity data unification, it fails to detect some terminated users.    |
| SF-835031<br>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<br>ACM-66813 | An update for OpenJDK is needed. |

## User Interface

| Issue                  | Description                                                                                                                      |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| SF-871876<br>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<br>SF-834552<br>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<br>ACM-65494             | A user access review does not allow reassignments after changes to the review have been saved.                                                      |
| SF-799972<br>ACM-63350             | Account review generation fails when using Turkish (double-byte) characters in the display name.                                                    |
| SF-823353<br>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<br>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<br>ACM-63833                                        | Change Requests for entitlements are not created with the necessary Create Account items for those entitlements.                                                                                    |
| SF-798406<br>ACM-63215                                        | All requests for a particular application are auto canceling.                                                                                                                                       |
| SF-825567<br>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<br>SF-780942<br>SF-812840<br>SF-814796<br>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<br>ACM-62557                                        | Not all information questions provided in a request form are displayed to a user who is requesting access.                                                                                          |
| SF-791705<br>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<br>SF-803077<br>ACM-62595<br>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<br>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<br>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<br>ACM-65559 | Even though the In Table option is deselected for an attribute, it still appears in tables.                                                                                                                                                                               |
| SF-825335<br>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<br>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<br>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<br>SF-806198<br>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<br>SF-825742<br>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<br>ACM-63524              | Accounts were enabled multiple times.                                                                                                                                                 |
| SF-764114<br>ACM-67485              | For a change request with multiple rule violations and different owners, approval goes to only one rule owner.                                                                        |

| Issue                                             | Description                                                                                                                                                |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SF-838478<br>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<br>SF-843836<br>ACM-67253               | Unable to submit change requests or complete existing workflows.                                                                                           |
| SF-813050<br>ACM-65950                            | In the Default Approval Workflow, incoming and outgoing transitions cannot have the same name, or same synonym.                                            |
| SF-814672<br>ACM-64795                            | An approval rejection for one user causes rejection of account changes for other users.                                                                    |
| SF-812262<br>ACM-64497                            | In a workflow, an Approval node is disconnected from the Approvals phase when using Group By Role Owner.                                                   |
| SF -802638<br>SF-797279<br>SF-789403<br>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<br>SF-822221<br>ACM-64496 | Office 365 Account Data Collector (ADC) does not collect accounts properly when more than 500 accounts. |
| SF-795752<br>ACM-63469              | Lotus Notes account collector does not collect Group data.                                              |
| SF-825862<br>ACM-66486              | When testing a Google Apps collector, a "null pointer exception" error is returned.                     |
| SF-820416<br>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<br>ACM-61702 | Active Directory Account Collector intermittently fails with timeout error. |

## Connector

| Issue                  | Description                                                                           |
|------------------------|---------------------------------------------------------------------------------------|
| SF-828448<br>ACM-65814 | Connector password mapping strips a password containing certain special characters.   |
| SF-829366<br>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<br>ACM-59192         | After upgrading from 6.9.1 P06 to P07, entitlement data collectors are unable to complete the collection process.                         |
| SF-824159<br>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<br>ACM-66721         | Entitlement collection from Active Directory fails at the "DataValidation.AppRoleCycleCheck" step.                                        |
| SF-806113<br>ACM-64113         | SQL validation failing for data collectors.                                                                                               |
| SF-816288<br>ACM-64737         | Data collection information is not displayed under the Admin > Monitoring > Performance Summary tab.                                      |
| SF-822257<br>SF-823791<br>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<br>SF-818058<br>ACM-64376 | Identity collection from an LDAP source fails with multiple Oracle errors.                                                                                        |
| SF-835271<br>ACM-66936              | Missing group memberships are not correctly updated in the database.                                                                                              |
| SF-829517<br>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<br>SF-826928<br>ACM-63818 | Indirect relationship processing is inordinately slow for collected entitlement and role data after applying 7.0 P02.                                             |
| SF-814183<br>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<br>ACM-60459<br>ACM-64559 | In Requests > Activities, accessing "ActivityByBusinessSourceTable" results in a long-running process.                       |
| SF-829784<br>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<br>ACM-63649 | A requestor is experiencing delays in navigating through the change request procedure when requesting access to a role.                                    |
| SF-840381<br>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<br>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<br>SF-826425<br>ACM-64605 | Password change emails queued with no justification. |

## Localization

| Issue                                            | Description                                                                                                |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| SF-847195<br>SF-844392<br>SF-850076<br>ACM-67255 | Files uploaded from Admin > User Interface disappear after restarting the application services in 7.0 P04. |
| SF-690541<br>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<br>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<br>SF-816920<br>SF-818290<br>ACM-64568 | A "Parsing failed at line" error occurred during a rule membership configuration operation for a role.                                                                                                                              |
| SF-812781<br>SF-821671<br>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<br>SF-812723<br>ACM-64693              | Slow performance experienced with role management operations.                                                                                                                                                                       |
| SF-780279<br>SF-834726<br>SF-831270<br>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<br>SF-735335<br>SF-740094<br>ACM-64624 | A user is granted a duplicate role when the role has a custom attribute value.                                                                                                                                                      |
| SF-819325<br>SF-818430<br>ACM-65126              | Users who match a role membership rule criteria do not match the criteria after they are removed from the role.                                                                                                                     |
| SF-00812270<br>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<br>ACM-67401 |             |

## Rules

| Issue                  | Description                                                                                                                      |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| SF-775070<br>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<br>ACM-63936 | Rule violation remediator assignment missing for user access and segregation of duties rules.                                    |
| SF-800603<br>ACM-63666 | Rule creation with an Advanced condition expression fails.                                                                       |
| SF-764664<br>ACM-61365 | A change request is not generated when a remediator revokes an SoD or user access rule violation entitlement.                    |
| SF-806515<br>ACM-64161 | Attribute change rule action is not executed.                                                                                    |

## Security

| Issue                  | Description                                           |
|------------------------|-------------------------------------------------------|
| SF-792313<br>ACM-63539 | Authorization bypass to product features is observed. |

## Server Core

| Issue                  | Description                                                                                                                                            |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| SF-814060<br>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<br>ACM-66829 | A log on authorization synchronization issue is impeding users from logging on to the system.                                                          |

## User Interface

| Issue                               | Description                                                                                                                                                                                                                                |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SF-819970<br>SF-838764<br>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<br>SF-831906<br>ACM-63141 | A user is unable to use Shift-Click to select a range of table items.                                                                                                                                                                      |
| SF-823074<br>ACM-67387              | The Save and Continue action in a review does not refresh the whole page.                                                                                                                                                                  |

## Release 7.0.1

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                                                 | The createChangeRequest > 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.<br><br>For more information, see the createChangeRequest command description in Admin > Web Services.                                                                                                                                                                                            |
| Access Requests                                                 | The UserID is included in the Manual Task Approval: User Changes section.                                                                                                                                                                                                                                                                                                                                                                                                     |
| Admin                                                           | The Admin > System > 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.<br><br>For more information, see the Help topic, "Putting the System in Maintenance Mode." |
| AFX Administration: Check Owner Permissions                     | 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.<br><br>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.                                                                        |

| 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:<br/>Overriding Database<br/>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           | <p>Rules are deleted as a task now under Admin &gt; Monitoring &gt; Data Runs. This improves performance where data associated with a rule is cleaned asynchronously.</p>                                                                                                                                                                                                                                                                                                                                                                                            |
| 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<br>ACM-53829 | Change request not generated for a review item that is marked with a custom state                                                                |
| SF-729969<br>ACM-56733 | Expiration Date attribute is not seen in an account access and ownership review.                                                                 |
| SF-748712<br>ACM-58549 | For the reviews that use the alternate reviewer coverage file, the reported reviewer is wrong                                                    |
| SF-757199<br>ACM-60655 | When the option "Allow monitors to update their review metrics" is unchecked, it cannot be saved.                                                |
| SF-755960<br>ACM-59438 | In the Reviewer Reassignment escalation workflow, the Outlook Email Address is reassigned to the wrong user.                                     |
| SF-772393<br>ACM-61086 | An account review is completed but the Completed Status bar indicates that it is not completed.                                                  |
| SF-19497<br>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<br>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<br>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<br>ACM-53395 | "On Hold" reviews appear as pending actions on reviewer's homepage rather than just the "Active" reviews.                                                                                                                                                                                                                                                                                                               |
| SF-750619<br>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<br>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<br>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<br>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<br>ACM-61585 | On the Account Selection page, LAST_LOGIN_DATE attribute is not displayed in the Filter accounts section.                                                                                                                                                                                                                                                                                                               |
| SF-771705<br>ACM-61629 | When the first step is not generated, the second step review generation fails with unique constraint error.                                                                                                                                                                                                                                                                                                             |
| SF-771497<br>ACM-61396 | User access review items are unassigned after uploading the coverage file that specified reviewers.                                                                                                                                                                                                                                                                                                                     |
| SF-696093<br>ACM-54926 | Group entitlements are unassigned in the user access review.                                                                                                                                                                                                                                                                                                                                                            |
| SF-784527<br>ACM-62533 | Selecting 'Account Creation Date' multiple times in the Table Options, duplicates the columns in the Change Preview tab.                                                                                                                                                                                                                                                                                                |
| SF-785022<br>ACM-62505 | User review shows the direct membership of nested roles.                                                                                                                                                                                                                                                                                                                                                                |

| Issue                               | Description                                                                                                                                                                             |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SF-792006<br>ACM-63562              | In an account access and ownership review, the group by Account User filter does not work.                                                                                              |
| SF-762287<br>ACM-60751<br>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<br>ACM-57591 | A monitoring policy does not allow the user designated as the monitor to view account change requests for accounts.                                                                                                                                                                                                                                                           |
| SF-667254<br>ACM-54592 | The user does not see consistent "Requested on" dates for the same Change Request.                                                                                                                                                                                                                                                                                            |
| SF-612345<br>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<br>ACM-56003 | Entitlements are not listed under a user's Access tab and a role's Entitlements tab.                                                                                                                                                                                                                                                                                          |
| SF-709543<br>ACM-55802 | When Change request initiates via Roles, the Account Changes table shows 'Error' message                                                                                                                                                                                                                                                                                      |
| SF-754270<br>ACM-59469 | When the supervisor rejects a user's entitlement, other user's entitlements are also rejected                                                                                                                                                                                                                                                                                 |
| SF-765844<br>ACM-60264 | Quick filtering on the User Detail's Requests tab consumes an inordinate amount of database resources                                                                                                                                                                                                                                                                         |
| SF-700719<br>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<br>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<br>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,<br>SF-719529,<br>SF-731318<br>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<br>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<br>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<br>ACM-61928                             | Required entitlement field in Access Request form is empty, but form is still submitted                                                                                                       |
| SF-769981,<br>SF-780942<br>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,<br>SF-803077<br>ACM-62595<br>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<br>ACM-63215                             | All requests for a particular application are auto canceling.                                                                                                                                 |
| SF-804303<br>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<br>SF-784081<br>ACM-60459,<br>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<br>ACM-55751 | System keeps logging errors regarding the failure in executing JDBC query.  |
| SF-689941<br>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<br>ACM-64480 | A performance issue is experienced with the SecurityContext.csv query.        |
| SF-828015<br>ACM-65761 | A non-privileged user can edit the AFX connector and change the capabilities. |

## Admin Errors

| Issue                                                                                                                                                                                                        | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SF-763467<br>ACM-60229                                                                                                                                                                                       | A user with a "Directory: Admin" entitlement is not able to edit Groups.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| SF-785277,<br>SF-808843,<br>SF-813273,<br>SF-813716,<br>SF-779942,<br>SF-798641,<br>SF-785277,<br>SF-791651,<br>SF-793594<br>ACM-62821,<br>ACM-64434,<br>ACM-64408,<br>ACM-61859,<br>ACM 63736,<br>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<br>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,<br>SF-719529,<br>SF-731318<br>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<br>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<br>ACM-59782                | Extra files AFXPlugIntemp_connector_migrationafx-connector appeared in the WEB-INF/plugins directory.                                                                                                                                                                        |
| SF-760264<br>ACM-60527               | The Test Connection for the Soap Connector to Lync AFX fails.                                                                                                                                                                                                                |
| SF-806147,<br>SF-806198<br>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<br>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<br>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<br>ACM-51714 | BindPassword of authentication source is now obscured properly. |

## Change Requests and Workflows

| Issue                                                           | Description                                                                                                                                                                           |
|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SF-742983<br>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<br>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<br>ACM-59522                                          | Role change request is created with wrong requestor.                                                                                                                                  |
| SF-586635<br>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<br>ACM-59462                                          | "NoClassDefFound" issues detected when attempting to implement a custom fulfillment handler.                                                                                          |
| SF-698040<br>ACM-55385                                          | Workflow variable for an application did not return an application raw name.                                                                                                          |
| SF- 717985,<br>SF-750682<br>ACM-58936<br>ACM-57316              | An "Illegal TXN state" error occurs when a user task is invoked from the My Tasks menu.                                                                                               |
| SF-740219<br>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,<br>SF-719473,<br>SF-735339<br>SF-635183<br>ACM-52583 | Fulfillment activities are listed under the approval header in a change request                                                                                                       |
| SF-762350<br>ACM-59820                                          | The workflow gets an error at the Workflow Path and stops.                                                                                                                            |

| Issue                                | Description                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SF-763404<br>ACM-59907               | A change request to commit changes to a role takes an inordinate amount of time to complete.                                                                                                                                                                                                                                                             |
| SF-745588<br>ACM-60984               | The user using the REST Web Services Node is unable to set "Content-Type," which instead defaults to "text/plain."                                                                                                                                                                                                                                       |
| SF-750619<br>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<br>ACM-60989               | When the big role changes are requested, it takes a long time to create the change request.                                                                                                                                                                                                                                                              |
| SF-620305<br>ACM-52017               | Terminating a user through Default Terminate Button, Default Terminate Form, or default workflow duplicates change requests.                                                                                                                                                                                                                             |
| SF-746921<br>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<br>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<br>ACM-63495               | Workflow stays in the Created state until it is manually evaluated.                                                                                                                                                                                                                                                                                      |
| SF-785277;<br>SF-808843<br>ACM-62821 | SQL command in a Workflow node not properly ended.                                                                                                                                                                                                                                                                                                       |
| SF-791651<br>ACM-63736               | Valid query in workflow node fails                                                                                                                                                                                                                                                                                                                       |
| SF-813273<br>ACM-64373               | Performance issue observed closing watches in requests due to large-sized requests and inefficient processing of JMS events.                                                                                                                                                                                                                             |
| SF-21843<br>ACM-48378                | Workflow SQL parser is unaware of quote delimiters when using form variables                                                                                                                                                                                                                                                                             |
| SF-776459<br>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,<br>SF-813273,<br>SF-813716,<br>SF-779942,<br>SF-798641,<br>SF-785277,<br>SF-791651,<br>SF-793594<br>ACM-62821,<br>ACM-64434,<br>ACM-64408,<br>ACM-61859,<br>ACM-63736,<br>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:<br><br><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<br>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,<br>SF -709315<br>ACM-55366                                                                                                                                                          | Error occurs during request fulfillment: "ORA-01722: invalid number."                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| SF-812262<br>ACM-64497                                                                                                                                                                         | In a workflow, an Approval node is disconnected from the Approvals phase when using Group By Role Owner.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| SF-825335<br>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<br>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<br>ACM-60052 | Customer cannot use the word 'Replace' as part of the SQL query in the Entitlement collector.                                                   |
| SF-764483<br>ACM-60476 | Identity collections fails. The following error is observed in aveksaServer.log:<br>"ORA-01400: cannot insert NULL."                            |

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

## Connector

| Issue                  | Description                                                                                                                                                                 |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SF-739768<br>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<br>ACM-60041 | SOAP connector fails with a NullPointerException.                                                                                                                           |
| SF-760264<br>ACM-60527 | Test Connection for Soap Connector to Lync AFX fail.                                                                                                                        |
| SF-650965<br>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<br>ACM-55731               | AFX connectors do not install when moving from development to test box in WebSphere environment.                                                                                        |
| SF-779202;<br>SF-773511<br>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,<br>SF -750682<br>ACM-58936<br>ACM-57316 | An "Illegal TXN state" error occurs when a user task is invoked from the My Tasks menu.                                                            |
| SF-783596<br>ACM-61770                              | Leaking CLOBs and XMLType exceeded maximum temporary space over a period of time.                                                                  |
| SF-782388<br>ACM-61635                              | An "ORA-01000: maximum open cursors exceeded" error occurred when a report was generated.                                                          |
| SF-760015<br>SF-784081<br>ACM-60459,<br>ACM-64559   | Slow performance experienced with the system. In Requests > Activities, accessing "ActivityByBusinessSourceTable" results in long-running process. |
| SF-829784<br>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<br>ACM-5938  | Review generation is very slow after the migration from version 6.8.1 P11 to 6.8.1 P21.   |
| SF-725770<br>ACM-56683 | Concurrent user logins slow down the user interface and show the "loading data" message.  |
| SF-782388<br>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<br>ACM-64480                            | A performance issue is experienced with the SecurityContext.csv query.                                                                             |
| SF-799174<br>ACM-63105                            | Slow page load observed in the Requests > Activities > By Entitlement page from a monitoring policy view.                                          |
| SF-760015<br>SF-784081<br>ACM-60459,<br>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<br>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<br>ACM-56257                | Identity data unification is taking 2 hours instead of 20 Min after applying v6.9.1 P05.                                                                                                          |
| SF-666860<br>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<br>ACM-60734                | Entitlements cannot be mapped to users if a multi-app entitlement collector is deleted.                                                                                                           |
| SF-767681<br>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<br>ACM-60586                | The "Data is case sensitive" setting for an account collector is ignored, resulting in 40,000 orphaned accounts.                                                                                  |
| SF-763198<br>ACM-60872                | Manual account mappings are not cleared after collected data indicates they should be cleared.                                                                                                    |
| SF-596695,<br>SF -743574<br>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<br>ACM-59428                                           | The entitlement collector fails during the database processing stage.                                                                                                                   |
| SF-762813<br>ACM-60776                                           | The field in the Entitlement Data Collector table was not big enough to support concatenating Resource Name and Action fields.                                                          |
| SF-800215<br>ACM-63298                                           | Identity collector indirect relationship processing taking seven hours and deleting user relationships.                                                                                 |
| SF-782956<br>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<br>ACM-62400                                           | Business description processing taking 30 minutes to process 168,000 records                                                                                                            |
| SF-801042<br>ACM-63358                                           | Account collection is taking an inordinate amount of time to complete.                                                                                                                  |
| SF-801859<br>ACM-63464                                           | Account collection is failing in development and production environments.                                                                                                               |
| SF-792371,<br>SF -797976,<br>SF -815955<br>ACM-62549             | Change verification after account collection taking 14+ hours.                                                                                                                          |
| SF-762287<br>ACM-60751<br>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<br>ACM-63946                                           | Unification has been running an inordinate amount of time.                                                                                                                              |
| SF-800847,<br>SF-807868,<br>SF-808385,<br>SF-812247<br>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<br>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<br>ACM-50466               | A line break for custom user link text incorrectly occurs on a dashboard.                                          |
| SF-773609<br>ACM-60921               | Dashboards are not displaying according to the display sequence.                                                   |
| SF-741584,<br>SF-795450<br>ACM-62634 | The Dashboard shows the default review tabular report instead of a tabular report specific to the selected review. |
| SF-778398<br>ACM-61346               | User experiences long response times when using the Dashboard.                                                     |

## Descriptions

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

## Email

| Issue                                | Description                                                                                                                                                                                  |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SF-728549<br>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,<br>SF-707412<br>ACM-52829 | There is an issue with the URL in password reset email notification.                                                                                                                         |
| SF-750619<br>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<br>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<br>ACM-60865 | Patch installation fails if an "admin" account does not exist. |

## Local Entitlements

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

## Metadata Import/Export

| Issue                               | Description                                                                                                                                                                                                                                   |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SF-716474<br>SF-721489<br>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<br>ACM-57163 | Migration Report Utility script throws an error.                       |
| SF-821693<br>ACM-65538 | A performance issue is observed with indirect relationship processing. |

## Platform

| Issue                   | Description                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SF-672499<br>ACM-53995  | The aveksa-install.log does not clearly identify the installation option selection, which results in increased diagnostic time.                             |
| SF-689578<br>ACM-54594  | Running the modifyhostname.sh script on V6.9.1 fails with a "<br>/usr/bin/modifyhostname.sh: line 157: ../acmcerts.sh: No such file or directory"<br>error. |
| ACM-61037               | Modifyhostname.sh has relatives paths.                                                                                                                      |
| SF-749705,<br>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<br>ACM-57088 | The reset password dialogue indicates an incorrect password syntax requirement. |

## Reports

| Issue                  | Description                                                                                                                                                     |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SF-714534<br>ACM-56094 | Chart element colors revert to the default colors.                                                                                                              |
| SF-718008<br>ACM-56669 | A report is running on a schedule even though the report "Is Scheduled" setting is NO.                                                                          |
| SF-744510<br>ACM-57935 | The View Report and Run Report settings for an imported report are incorrect.                                                                                   |
| SF-701868<br>ACM-55191 | A report's column display name is the same as the column name.                                                                                                  |
| SF-741373<br>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<br>ACM-54978 | Unable to run "Change Request Status Summary, by day for past month" Access Request report.                                                                     |
| SF-721068<br>ACM-56878 | User had a large report with over 65,000 lines and could not export as a usable file.                                                                           |
| SF-775598<br>ACM-61116 | A "Request could not be handled" error occurs when attempting to download a statistics report.                                                                  |
| SF-777489<br>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<br>ACM-62488 | When the user added a bind variable to the report, the resulting exported CSV file is blank.                                                                    |
| SF-787727<br>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<br>ACM-57205 | When more than one workflow email address is populated from a workflow variable, only one is used.                                                                                                                                                         |
| SF-702595<br>ACM-55250 | An Entitlement Rule for a request form question is not able to parse SQL.                                                                                                                                                                                  |
| SF-705090<br>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<br>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<br>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<br>ACM-54433 | Values for a drop down control in request forms cannot be deleted if the value contains quotes                                                                                                                                                             |
| SF-779263<br>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<br>ACM-52017 | Terminating a user through Default Terminate Button, Default Terminate Form, or default workflow duplicates change requests.                                                                                                                               |
| SF-791875<br>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<br>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<br>ACM-58702                             | Change verification in role collection is executing for an inordinate amount of time.                                                                                                                                                                                   |
| SF-752364<br>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,<br>SF-692154<br>ACM-55996,<br>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<br>ACM-62204                            | A terminated and then re-hired user does not match the previous membership rule for the past role.                                                                                                                                                                      |
| SF-773391<br>ACM-62617                             | Role ownership resolved to previously deleted user.                                                                                                                                                                                                                     |
| SF-812801<br>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<br>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<br>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<br>SF-816920,<br>SF-818290<br>ACM-64568  | A "Parsing failed at line" error occurred during a rule membership configuration operation for a role.                                                                                                                                                                  |
| SF-812270<br>ACM-64693                             | Slow performance experienced with role management operations.                                                                                                                                                                                                           |
| SF-819325,<br>SF-818430<br>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<br>ACM-59169 | Terminating the user removes an account that has been associated with the user in the past.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| SF-728549<br>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<br>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<br>ACM-58431 | The termination rule creates a change request to disable an account that is already disabled.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| SF-615695<br>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<br>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<br>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,<br>SF-740342<br>ACM-61117 | Based on the number of remediators, duplicate work items are displayed under the Violation Remediation tab.     |
| SF-806515<br>ACM-64161               | Attribute change rule action is not executed.                                                                   |
| SF-819325,<br>SF-818430<br>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<br>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<br>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<br>ACM-51714 | BindPassword of authentication source is now obscured properly.                                                                                                                    |
| SF-619760<br>ACM-51908 | The password hashes are visible in the AFX Connectors service account settings instead of the encoded asterisks.                                                                   |
| SF-828015<br>ACM-65761 | Non-privileged user can edit AFX connectors and change the capabilities.                                                                                                           |

## Server Core

| Issue                  | Description                                                                                            |
|------------------------|--------------------------------------------------------------------------------------------------------|
| SF-724142<br>ACM-56748 | WebService commands collectAccounts and collectEntitlements are inconsistent.                          |
| SF-732155<br>ACM-56879 | The WebService request is always passed to the Request Workflow as "Delegated approvals with default." |
| SF-730477<br>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<br>ACM-60355 | Scheduled backups are not executing automatically.                                                                                                     |
| SF-782388<br>ACM-61635 | An "ORA-01000: maximum open cursors exceeded" error occurred when a report was generated.                                                              |
| SF-814060<br>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<br>ACM-54592                            | The user does not see consistent "Requested on" dates for the same Change Request.                                                                                                            |
| SF-663079<br>ACM-53402                            | In the Bulk Actions window for a multi-step review, the actions options are not aligned with "Explicitly selected."                                                                           |
| SF-22037<br>ACM-48750                             | The "Entitlement Raw Name" column cannot be selected from Table Options under the Change Preview tab in Review Results.                                                                       |
| SF-19497<br>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<br>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<br>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,<br>SF-803077<br>ACM-62595<br>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<br>ACM-63105                            | Slow page load observed in the Requests > Activities > By Entitlement page from a monitoring policy view.                                                                                     |
| SF-760015<br>SF-784081<br>ACM-60459.<br>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.<br><b>Workaround:</b> Refresh the page.                     |
| ACM-67400   | The Admin menu disappears after importing metadata.<br><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."<br><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. |