



# RSA Identity Governance and Lifecycle 7.5 Patch 02 Release Notes

## Install a Patch

The following procedures describe how to download and apply a patch to RSA Identity Governance and Lifecycle appliance and software bundle installations, and how to upgrade Access Fulfillment Express (AFX) connectors. Patches are cumulative.

## Important

- When upgrading from product versions older than 7.5, you must upgrade to version 7.5 before you install any version 7.5 patches.
- Do not attempt to install a previous version of a patch over a later version of a patch.
- When applying a patch in a WebSphere or WebLogic environment, you must uninstall the Workflow Architect EAR before applying updates.

## Before you begin

- Customizations made using the RSA Identity Governance and Lifecycle user interface are preserved during the upgrade process. However, any customizations made directly to the EAR are overwritten during the patching process. If you have made any customizations to the EAR, record the customizations before performing the upgrade, and manually restore them after you complete the installation.
- The way in which RSA Identity Governance and Lifecycle handles business descriptions for groups has changed from previous product versions.
- 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](#).
- If your environment uses a customer-supplied database, ensure that no database procedures are running against the database schema during the patch installation. The patch process may run SQL against various tables in the database.  
**Note:** On an appliance with an RSA-supplied database, the patch script automatically stops and starts the database to ensure that this requirement is met.

- In a clustered environment, use only one node during the patch update process. Stop all other nodes in the cluster to ensure that multiple nodes do not attempt a database migration. Before you patch additional nodes or enable farming to push EAR changes to other nodes, validate that the patch is applied and the one node is working as expected.
- For additional details for WebSphere and WebLogic environments, see *the RSA Identity Governance and Lifecycle Installation Guide*. For additional details for WildFly environments, see the document *Configuring WildFly Clustering*.  
**Note:** The created product schemas, such as AVUSER, are reserved for product database objects. Creating additional database objects within the product schemas may affect the operation of the systems, migration, or patch applications.

## Migration Queries for Group Business Descriptions

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.

### Procedure

1. If you have Access Fulfillment Express (AFX) installed, using the AFX user account, shut down all AFX instances before installing the patch upgrade:  
`<path-to-AFX_installation-directory>/AFX/afx stop`
2. To download the upgrade files:
  - a) Log in to [RSA Link](#), and click RSA Identity Governance and Lifecycle.
  - b) Click Downloads > RSA Identity Governance and Lifecycle <Version>, where <Version> is the version number of
  - c) the product that you are patching.
  - 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) The Current tab provides the most current release or patch, and the Archive tab provides previous patches and releases.
  - i) Click the appropriate tab, and select the name of the patch to download.
  - j) Download the following files:
  - k) Aveksa\_<VersionNumber>\_P<PatchNumber>.tar.gz
  - l) For WebSphere: ACM-WebSphere-<VersionNumber>\_P<PatchNumber>.tar.gz
  - m) For WebLogic: ACM-WebLogic-<VersionNumber>\_P<PatchNumber>.tar.gz
  - n) upgradeJDK<version>\_<revision>.tar (optional JDK update for security updates)
3. If this release does not include a new JDK version, this step is optional. If you have already applied the latest JDK version, there is no need to reapply it. Apply the JDK upgrade as follows:
  - a) Change to the Oracle directory: `cd /home/oracle`
  - b) Decompress 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 -R 744 *`
    - III. `sh upgradeJDK<version>_<revision>.sh`
4. To decompress 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. Install the patch:
  - In a WildFly environment:
    - a. Log in as root and run the patch.sh installation script in the directory created in Step 4. Run the following commands:

- `cd /home/oracle/Aveksa_<VersionNumber>_P<PatchNumber>`
  - `sh patch.sh`
- b. When the patch script completes, restart RSA Identity Governance and Lifecycle. Run the following command:
 

```
acm restart
```

**Note:** With each application of a patch, previous versions of the Aveksa EAR are archived in the `$AVEKSA_HOME/archive` directory. Each archive requires approximately 1 GB of disk space. For more information, see `archive/Archive_README.txt`.
- In a WebSphere or WebLogic environment, perform the following steps to apply the patch. For detailed instructions, see the *RSA Identity Governance and Lifecycle Upgrade and Migration Guide*.
  - a) Perform any necessary customizations to the Aveksa EAR and Workflow Architect EAR files. For more information, see "Modifying the RSA Identity Governance and Lifecycle Enterprise Archive" in the RSA Identity Governance and Lifecycle Installation Guide
  - b) Uninstall the Workflow Architect EAR.
  - c) Upgrade the Aveksa EAR.
  - d) Deploy the Workflow Architect EAR.
  - e) Restart the WebSphere or WebLogic Application Server.

### After you finish

In a WebSphere environment, 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:
  - a. In the WebSphere console, go to Applications.
  - b. Under All Applications, select aveksa.
  - c. Click Stop to stop the RSA Identity Governance and Lifecycle.
  - d. After the aveksa application has been stopped, click Start to start RSA Identity Governance and Lifecycle.
- In a WebLogic environment, you must restart RSA Identity Governance and Lifecycle after you install the patch.
 

To stop and restart RSA Identity Governance and Lifecycle in a WebLogic environment:

  1. In the WebLogic administrative console, select Deployments from the menu.
  2. Select the Aveksa application and click Stop and then Start to restart the application. Restarting RSA Identity Governance and Lifecycle also restarts the local agent.
- If your deployment includes Access Fulfillment Express (AFX), you must also upgrade your AFX connectors. For instructions, see [Download and Import AFX Connector Packages](#).

### 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
```

## What's New

The following sections describe the new features and improvements in version 7.5.0 P02

| Feature                 | What's New   |
|-------------------------|--|
| Collector<br>ACM-109734 | Rest collector does not map one account with multiple application roles.<br>Update the REST entitlement collector to map with multiple applications. |

## Functional Changes

| Issue  | Description   |
|--|---|
| Data Collection, Processing, and Management<br>ACM-13540 | Collection run error deducted in the data collection phase. Back up the data, update the running task to 'Aborted'. Restart the server. |
| Change Request and Workflow, UI<br>ACM-110473            | Customized Change Request attributes available for activity and approval table screens  |

## Fixed Issues

## Access Certification

| Issue                     | Description   |
|---------------------------|---|
| SF-01751725<br>ACM-110040 | Violation in review result loses all items maintained with an exception if rule configuration is updated to remove from review. The maintained items are now displayed in the review result and can be changed if needed. |

## Archive

| Issue                     | Description   |
|---------------------------|---|
| SF-01749906<br>ACM-110159 | Updated the table_type to B as archive and purging were done for tables T_AV_WFJOB_ITEMS, T_AV_WFWORKITEM_PART, T_AV_WORK_ITEM_METRICS, T_AV_WFESCALATIONS, WP_ACTI. One time cleanup script was given as parent tables records were purged but child tables records were not purged. |

## Change Requests and Workflows

| Issue                     | Description   |
|---------------------------|---|
| SF-01762001<br>ACM-110624 | When work items are already closed email does not contain body text. Fixed the issue by retaining the data for the supervisor approval node.  |
| SF-01738551<br>ACM-110058 | When one of the account items gets rejected, all other accounts that belonged to that application are rejected instead of rejecting the items of that account(s)  |
| SF-01669400<br>ACM-108145 | 'TX - row lock contention' in UPDATE T_AV_CHANGE_REQUESTS   |
| SF-01767748<br>ACM-107363 | Code failed to evaluate the URL when the workflow variables are used to replace it and fails with the error "The token is required for the command 'createChangeRequest'".<br>Modified the code to pass the replaced URL(values of runtime variables ) instead of the original URL. |

## Collections

| Issue                     | Description   |
|---------------------------|---|
| SF-01675695<br>ACM-109557 | Data collection queue time was increased as upgraded to RSA IGL 7.2.0 P04 was handled |
| SF-01693308<br>ACM-109573 | The collector was slow in IRP in '9/12: Process New Role Relationships'.              |

## Collector

| Issue                     | Description   |
|---------------------------|---|
| ACM-110152                | Removed Federated Salesforce from Account Collector   |
| SF-01731902<br>ACM-110539 | When account id and entitlement id are the same for an account and change request raised for an account without fulfilling that EDC collector closes the change request. Now condition was added at EDC (EDC_Watches.pkb) to pickup only change requests related to EDCs. |

## Data Collection, Processing, and Management

| Issue                     | Description  |
|---------------------------|--|
| SF-01747425<br>ACM-110349 | String index out of range: -2147483648)while editing collector. Removed the infinite loop if comments were added at the end of SQL |

## Purging

| Issue                     | Description                                    |
|---------------------------|--|
| SF-01700148<br>ACM-109198 | Purging was missed for t_data_run_tasks table. |

## Request Forms

| Issue                     | Description   |
|---------------------------|---|
| SF-01769058<br>ACM-110899 | Action on request showed "APPROVE" in the upper case for the first action. Changed the text to "Approve".   |
| SF-01769058<br>ACM-110805 | In the request forms, the font of maindivider and maindivider_table were different. Now the font is changed both the main diver and maindivider table are the same. |
| SF-01754048<br>ACM-110097 | Incorrect behavior of forms using entitlement table with "Align selection with subjects" and "Select only one entitlement".   |

## Reviews

| Issue                     | Description  |
|---------------------------|--|
| SF-01752215<br>ACM-110239 | Reviewed Items Considered Unreviewed For Account Access Review. Reviewer reassign escalation consider unreviewed items only and do not sign off reviewed items again |

## Role Management

| Issue | Description |
|-------|-------------|
|-------|-------------|

|                           |   |
|---------------------------|---|
| SF-01756276<br>ACM-110540 | Role Import problem. In Role_Management_Pkg.Explode_LocalRoles(), the query exploring the nested App-role was modified to improve the query execution time. |
| SF-01680133<br>ACM-108594 | Parent role was missing entitlements tab not showing Indirect entitlements of child roles. Added new Indirect entitlements for child roles.                 |

## Rules

| Issue                     | Description  |
|---------------------------|--|
| SF-01734588<br>ACM-109677 | CR names generated from the Termination Rule were unique. The changes made for adding the prefix to the request name added a new name to the request and this prevented adding the suffix( Request Id) to the request name. Reverted the changes, so that the change request Id gets added as a suffix to the request names. |
| SF-01727321<br>ACM-110623 | Role membership rule modifications created duplicate scheduled tasks in the memory of the system node. This causes the rule to be executed multiple times unnecessarily.   |

## Telemetry

| Issue      | Description   |
|------------|---|
| ACM-109312 | Gathered diagnostic data is uploaded to a new RSA-hosted server when sharing is enabled. Ensure the IG&L deployment access new server <a href="https://telemetry.access.securid.com/">https://telemetry.access.securid.com/</a> |

## UI

| Issue                     | Description  |
|---------------------------|--|
| SF-01768403<br>ACM-110635 | Account details no longer display the time portion of Date values for "Created On", "Deleted On", and "Orphaned On". |

## Web services

| Issue                       | Description   |
|-----------------------------|---|
| SF - 01743055<br>ACM-110153 | Attribute Sync Not Working with user Attribute Change Webservice  |
| SF-01754291<br>ACM-110155   | When "Update Review Web service is initiated using system-generated token an error is encountered. Since workflow system admin check was done, which throw unauthorized user error. |