# Retek® Predictive Application Server – Configuration Tools™ 11.0.4.15

# Release Notes

# Customer Support

**Customer Support hours**

Customer Support is available 7x24x365 via email, phone, and Web access.

Depending on the Support option chosen by a particular client (Standard, Plus, or Premium), the times that certain services are delivered may be restricted. Severity 1 (Critical) issues are addressed on a 7x24 basis and receive continuous attention until resolved, for all clients on active maintenance. Retek customers on active maintenance agreements may contact a global Customer Support representative in accordance with contract terms in one of the following ways.

| Contact Method | Contact Information |
|---|---|
| **E-mail** | support@retek.com |
| **Internet (ROCS)** | rocs.retek.com<br>Retek's secure client Web site to update and view issues |
| **Phone** | +1 612 587 5800 |

Toll free alternatives are also available in various regions of the world:

| | |
|---|---|
| Australia | +1 800 555 923 (AU-Telstra) or +1 800 000 562 (AU-Optus) |
| France | 0800 90 91 66 |
| Hong Kong | 800 96 4262 |
| Korea | 00 308 13 1342 |
| United Kingdom | 0800 917 2863 |
| United States | +1 800 61 RETEK or 800 617 3835 |

| | |
|---|---|
| **Mail** | Retek Customer Support<br>Retek on the Mall<br>950 Nicollet Mall<br>Minneapolis, MN 55403 |

**When contacting Customer Support, please provide:**

- Product version and program/module name.

- Functional and technical description of the problem (include business impact).

- Detailed step-by-step instructions to recreate.

- Exact error message received.

- Screen shots of each step you take.

# Overview

The table below includes high-level steps that are required to implement this patch.

| Configuration Tools | |
|---|---|
| Install new Config Tools on Server | YES (can be installed via the rsp_manager script) |
| Install new Config Tools on PC | YES (can be installed via the rsp_manager script) |
| Configuration Edits required | As needed |
| Run patchinstall process to update domain | Only as needed for configuration changes |
| Run Scripts Associated with Patch | Run rsp_manager to upgrade RPAS domains (if not previously done). Rsp_manager must be run before attempting to patch domains. |
| New Environmental Variables | NO |

# Release details

| Release information | Details regarding this release |
|---|---|
| Application | RPAS Configuration Tools |
| Version Number | 11.0.4.15 |
| Code Cut Off Date | April 30, 2005 |
| Release Date | May 6, 2005 |
| Type of Release | Base (yes) |
| | Patch (yes) |
| RPAS Server Version | 11.0.4.15 release |
| Patch Level | Fifteen |
| Supported OS, Server | Sun Solaris 8 (2.8), AIX 5.1/5.2, HP-UX 11i (11.11), Windows NT |
| Supported OS, Client | Windows NT, XP, 2000 |
| Required 3$^{rd}$ Party Software | JRE 1.4.2 (installed on client and server machines) |
| | CVS (installed on server – if using integrated Source Control) |
| Documentation | RPAS 11.0.4 Configuration Guide |
| | RPAS 11.0.4 Installation Guide |
| | Configuration Tools 11.0.4.14 Release Notes |

| Release information | Details regarding this release |
|---|---|
| | RPAS 11.0.4.14 Release Notes |
| | RPAS 11.0.4 Operation Guide |
| | RPAS 11.0.4 User Guide |

# Summary of changes made in new patch 11.0.4.15 patch release

1. No Defect # - Added some content to the RDF configuration.  There is a new measure along with the load and commit rules for it.

2. No Defect # (associated with defect 377455) - Many of our larger customers ran into issues involving memory when they tried to patch a domain.  In order to correct these issues, they are currently adding the [–Xmx + some number] argument to the command line call made in the rpasInstall script.  To correct the problem, we have reserved an environmental property called RIDE_OPTIONS that may be set in their profile. They will call this variable name RIDE_OPTIONS and the variable value will be –Xmx + some number]; for example, -Xmx512m. The rpasInstall script has been amended to include $RIDE_OPTIONS in the command line call to java.  Users that do not define RIDE_OPTIONS will not notice any differences.  Users that do define it will then get this call on every install.  As an added result, now, after getting a new version, the user will no longer have to modify their script before the patch.

# Summary of changes made in previous patch releases

## 11.0.4.14 patch release

1. Remedy defect #392858 - When the worksheet consisted of only scalar measures, RPAS was not allowing properties to be set for the worksheet (the OK button remains disabled).  Now, inside the Tools workbench, the OK button will be enabled for the worksheet Base Intersection dialog.

2. Remedy defect #377298 - Previously, inside the Tools, it was not possible to specify the final level as the source level for a forecast. The RDF Tools has been modified to allow the final level to select itself as its default source level.

3. Remedy defect #376876 - The measure length for multi-lingual configurations has been increased to 255 characters.

4. Remedy defect #375409 – Previously, users were able to create a load / refresh rule where the source measure in the master database had different dimensionality than the destination measure. The workaround is to use the level modifier along with the master modifier.

## 11.0.4.12 patch release

Users now have the ability to build the following types of workbooks:

1. Workbooks with only scalar measures on the worksheet.

2.  Workbooks with no tabs and no worksheets.

3. Workbooks with a tab and no worksheets.

4. Workbooks with multiple tabs: some with worksheets and others without worksheets.

## 11.0.4.11 patch release

1. Remedy defect #366162 - Previously, you could not use the enter key to select a measure from the auto-completion list in the Expression Builder using JRE 1.4.2.

2. Remedy defect #373001 – Previously, a string type measure with a UI type=Picklist was not allowing the Item <Description> convention for a string and thus, the picklist did not populate in the RPAS Client

3. Remedy defect #374227 – Prevents the Select Measure dialog in the Workbook properties from being lost in the background when switching to other applications and returning to the Configuration Tools application

4. Remedy defect #365631 - The Filter by Validity filter in the Rule Tool is properly refreshing rules; now, when an invalid rule has been corrected, this filter will no longer show the rule in its search results.

## 11.0.4.10 patch release

1. Remedy defect #**373424** – corrected a problem in the Rule Tool in which rules generated using the Apply Pattern option were not being saved unless other changes were made within the same rule group.

2. Remedy defect #**373669** – corrected a problem on the Intersection dialog box in which the ARRAY Measure Type radio button is not visible if more than 8 hierarchies are displayed.

3. Remedy defect #**372733** – added a space between minor class labels only when the minor class label exists.  This is the fix for a problem when defining labels for a measure in which there was not the ability to manually key a label to match the format of a system generated measure.  The problem was when a minor class label was omitted, the system generated a label with a leading space which prevented measures from being sorted by label properly.

4. Remedy defect # **371386** – corrected a problem in which the Default Forecast Method in the Forecast Administration workbook was not getting updated by the Tools.

5. Remedy defect # **374227** – corrected a problem in the Workbook Tool in which a dialog box would go into the background when switching to another application.  When you switched back to the Tools, it looked as if the Tools Workbench was "hung-up" because the active dialog box was actually in the background behind other windows and waiting on user-input. The following dialog boxes have been corrected in which they now remain in the foreground when you switch back to the Tools:

6. Workbook Tool / Workbook Properties / Measures / Select Measure, Identifier, LoadRangeMeas, and LoadRange

7. Workbook Tool / Workbook Properties / Dynamic Hierarchy / Measure, Label Measure

8. Workbook Tool / Worksheet Properties / Position Query / Measure

## 11.0.4.9 patch release

Remedy defect #**371440** – corrected a problem in the installer that was causing a problem loading scalar measures.

## 11.0.4.8 patch release

1. Removal of MEAS hierarchy – in the Hierarchy Tool, the MEAS hierarchy has been removed. It has also been removed from the load intersection and base intersection dialogs in the Data Import and Measure tools. This hierarchy did not serve any purpose in any of those locations, and has been removed to prevent confusion. Note that the MEAS hierarchy still appears in the Workbook/Worksheet Axis dialogs so that it can be positioned on worksheets.

2. Addition of ADMU hierarchy – in the Hierarchy Tool, the ADMU hierarchy with User dimension is now automatically created. This hierarchy has always been available and registered by RPAS, but not exposed in the tools. Inclusion of this hierarchy in the tools will now allow measures to be created with the User dimension in their base intersection. Such measures will subsequently be used for masked commits, to allow some extra form of 'access rights' on committing. This enhancement does not provide any 'automatic' recognition of who the user is, nor any 'special' processing in calculations, etc. User will be treated like any other 'normal' hierarchy/dimension from a calculation perspective.

   - Note the configuration requirement below for the scenario indicated:

   - Scenario: user configures and builds a domain such that the ADMU hierarchy is part of the workbook template baseintersection and included on a workbook axis, but was not configured as a standard wizard. The user then logs into the domain using the RPAS client and builds the workbook. Later on, the user decides to configure the ADMU hierarchy as a standard wizard, and patch the domain. In this case, prior to patching the domain, when the user configures the ADMU hierarchy to be a standard wizard for a workbook template, they MUST order ADMU as the last hierarchy in the standard wizard list before patching their domain.

3. Remedy defect #359672 – changed limitation for worksheet names from 15 to 14, per RPAS restriction for that field.

4. Remedy defect #370161 – corrected a problem which was preventing 'and' or 'or' as being selected as the Agg Method on the realized measures tab.

5. Remedy defect #370203 – changed the ordering on measure profiles in the Workbook tool such that measures are listed in alphabetical order by default.

## 11.0.4.7 patch release

1. General – resolved issues with patching RDF domains.

2. Remedy defect 362311 – fixed a problem with RDF rule sets not getting updated properly.

3. Remedy defect 363274 – fixed a problem in the Wizard tool that was preventing text from being set for controls on Wizard pages.

4. Remedy defect 363289 – removed button object from the Wizard tool. RPAS does not support a button object.

5. Remedy defect 363297 – Changed default for WizardPage attribute Type to DynamicWizard instead of WizardPage.

6. Remedy defect 363469 – Fixed problem with Rename function not working in Measure tool.

7. Remedy defect 366467 – Fixed a problem with empty rule groups not being validated for.

## 11.0.4.6 patch release

   📖    **Note:** Version 11.0.4.5 was internal only and not released.

1. Remedy defect 366167 – fixed a problem that resulted in the Label appearing on top of the MultiLanguage checkbox on the Properties dialog on some PC's.

2. Remedy defect 363287 – fixed a problem that was causing the dialog box displayed when clicking on Help_About box to appear to 'hang' the Config Tools.

3. Remedy defect 366112 – fixed a problem that was causing the Delete button to not properly delete promotions in the Promote user interface.

4. Remedy defect 362376 – fixed a problem that was allowing Save-As to save configurations to with non-alphabetic first character and RPAS reserved words in the name.

5. Remedy defect 363478 – fixed a problem that was preventing the Filter / Sort checkbox not working on Realized Measures tab.

6. Remedy defect 365074 – hid the Show Measure Property in the measure tool. This property is only used internally by the configuration tools and has no user implication

7. Remedy defect 360843 – fixed a problem that was allowing duplicate wizards to be created in the Wizard tool.

8. Remedy defect 363479 – fixed a problem that was preventing the Refreshable checkbox from being able to be checked or unchecked on the Realized Measures tab.

9. Remedy defect 363470 – fixed a problem that was causing patchinstall to not update workbook tab names.

10. Remedy defect 365499 – fixed a problem that was causing Position Query setup in Config Tools to fail during domain build.

11. Remedy defect 362492 – fixed a problem that was causing Measure description to not be updated when patching.

## 11.0.4.4 patch release

1. The concept of invalidating measures in the Measure Tools has been removed in this release. Memory issues (Remedy defect 361374) were being experienced with invalid measures and removal of this option was determined to be the best option. Measures can now have two states: realized or unrealized. All realized and realized measures are displayed on the Measures Tab. A new tab, Realized measures, has been added. All realized measures are displayed on this tab.

2. Limited custom/extension function support has been added. In previous versions of the Config Tools, functions and procedures not contained within 'core' RPAS have not been recognized or validated, resulting in:

    a. Rules using unrecognized functions and procedures appear red in the rule list and their measure content is not available for display and filtering.

    b. Measures that exist solely within custom functions and procedures are not available for purposes of building Measure Profile lists within the Workbook Tool.

    • With this release, the Config Tools will begin making use of the ability to import functions developed outside of core RPAS. For this to happen, do the following:

- Use the new Function Library Manager utility, manipulate the xml document, applibs.xml. This document contains a listing of the dynamic libraries (.dlls) that implement function libraries. The Function Library Manager can be found in bin directory of the tools build. The utility allows a user to add libraries to the list registered with the Jni and to remove libraries whose use is no longer desired. As a note, when specifying the name of library, do not include the suffix (e.g. Forecast and not Forecast.dll).

- In order to support the linking of extension and custom function libraries into the Jni for use in the workbench, it is necessary to put the applib directory of the RPASlibs distribution on the System path. To do so:

  a. Open the Control Panel (found within the Settings section of the Start menu) and select System.

  b. Select the Advanced tab and click the Environmental Variables button.

  c. In the second of the two lists (System variables), locate the PATH variable and select Edit.

  d. In the dialog that appears move to the end of the listed variables and add %RPAS_HOME%/applib (be sure to prepend a semicolon to separate this entry from those that precede it, do not separate this new entry from prior ones with a space).

- Click the OK button on the dialog and then OK again on the System Control Panel. This will update your path.

    **Note**:   The previous description assumes you are using a RPASlibs distribution and not the server installation.  It further assumes that there is already an RPAS_HOME variable described in your envrionmental properties.  Please refer to the Tools installation guide for full details on setting up your environment. In any event, verify that applib directory is in the path.

3. Remedy defect 362948 - associated with #2 above, a change was made to the -rf option, which is used to register non-core RPAS libraries. This change will now also flag these libraries to be loaded into the Jni for use in the Installer resulting in hidden measures being calculated correctly.

4. Measure Extractor utility has been added, and can be found in the bin directory of the tools build. Using the measure extractor, a person can load a configuration and export to a semicolon delimeted text file the properties of all the measures within an application.  The configuration load interface is identical to the interface found within the Workbench.  Once a configuration is loaded, the user is prompted to select a domain and application within that configuration.  A file containing the properties of all of the measures within that application is then created in the bin directory of the tools distribution named measout.txt. Within this file measures are listed one to a line.  The first line contains the names of the attributes separated by commas.  The following lines contain the properties of the measures.

5. Rule Extractor utility has been added, and can be found in the bin directory of the tools build. The rule extractor functions in a similar manner as the measure extractor.  The user is prompted to load a configuration and select an application.  A file is once again created in the bin directory of the Tools distribution named ruleout.txt.  This file contains a listing of the rules within that application, one expression (not necessarily one rule) to a line. The format of the rule file is to list the name of the ruleset, rule group, rule and finally expression; separated by commas.

6. Remedy defect 361899 – fixed a problem that was resulting in a NullPonterException being thrown when an invalid entry is entered into the Prefix cell after na is has been entered.

7. Remedy defect 362311 – fixed a problem that was resulting in RDF rule sets not being updated properly when saving a configuration.

8. Remedy defect 362083 – fixed a problem within the Data Interface Tool that was resulting in a NullPointerException being thrown when attempting to select a Load Aggregate Method for a measure with a Boolean Data Type.

9. Remedy defect 362344 - added a version number to the Installer.

10. Remedy defect 362774 – In the Workbook tool, made a change to the Standard Wizards dialog to allow the user to pick any dimension above the lowest dimension at which the measures are based.  Previously only the dimensions used in the base intersection could be used.

11. For RDF, Promote, and Curve extensions, auto-generation of Workbooks and Wizards has been turned off. Workbook and Wizard generation for these extensions is handled outside the tools.

12. Remedy defect 360587 - Time was removed from Data Type drop down in Measure tool. Time is not a valid RPAS option; Date includes both Date and Time.

13. Remedy defect 383287 – If the Help -> About box in the Config Tools was opened, not immediately closed, and then the user went to another application, when coming back to the Config Tools they appeared to be locked up. This has been fixed.

## 11.0.4.3 patch release

1. Remedy Defect 361181 - corrected a problem that was resulting in a stack overflow error when "na" entered as Prefix within Dimension Info table.  (02/11/04)

2. Remedy Defect 361229 - Performance improvements made in Measure Tool to improve slow response time when making Measure attribute changes within a large configuration.   These changes  were in response to defect 361229, which is still open.

3. Corrected a problem that was being experienced by the ToysRUs team when running patchInstall. This problem was related to default defagg being left null for some measures. The installer now checks for this and handles it appropriately.

## 11.0.4.2 patch release

1. Remedy Defect 360375 – Change made to the installer to prevent measures calculcated by procedure from being made non-materialized.

2. Remedy Defect 360517 – Corrected a problem that was causing Custom Menu rule group names to be incorrect in the RPAS.

3. Remedy Defect 359498 – Change made to Workbook tool to allow configuration of Wizard labels. New fields were added to the Standard Wizard dialogue box within the Workbook Properties.

4. Remedy Defect 359906 – Corrected a problem with Rule patching.

5. Remedy Defect 360098 – Corrected a problem with using patchInstall on a hyper sparse domain.

6. Remedy Defect 360172 – Corrected a problem with patching an existing domain.

7.  Remedy Defect 360592 – Corrected a problem that was resulting in the tmp directory not getting removed at the end of a new domain build.

8.  Remedy Defect 360594 – Corrected a problem with createdb script not getting removed at the end of the Domaind Build process on.

9.  Remedy Defect 360845 – Corrected a problem with the Hierarchy tool allowing duplicate Hierarchies to be created.  Also, fixed problem with Hierarchy tool – Purge Age field causing a null pointer exception error a if non-numeric value was entered.

10. Corrected a problem in the Workbook tool → Hier Mods that would cause a null pointer exception error when typing a Dimension that has no aggregation specified in the Hierarchy tool → Dimension Info table.

## 11.0.4.1 GA release

1.  Fixed problem with Wizard Tool tables not getting updated properly.

2.  Fixed problem with measure changes not getting updated properly in Workbook Tool.

3.  Fixed problem with last Wizard page added within the last Wizard group showing as the last page in each Wizard group.

4.  Fixed problem with User Defined Dimensions with a space in the label only showing the first part of the label in the RPAS Client.

5.  Fixed problem with edits made to rules/expressions not being updated in the domain patch process. (Remedy #359906)

6.  Fixed problem that was resulting in an out of memory error due to size of hidden measure files. (Remedy #360172)

7.  Added support for hyper sparse domains (for both new domain builds and patching domains. To build or patch a hyper-sparse domain, in the call to RpasInstall, enter -hypersparse in the call (Remedy #360098)

## Upgrading from 11.0.3

The following section describes the process for upgrading all the components of an RPAS solution. This upgrade process is only applicable to solutions built on the GA version of RPAS and Tools 11.0.3.1, and for solutions built on pre-releases of RPAS 11.0.4 (prior to 1/16/2004). The process involves upgrading the RPAS platform, the Configuration Tools, configurations, and domains.

    📖    **Note:** If the configuration had previously been upgraded to the GA version of 11.0.4 that was released on 1/16/2004, there are no actions that need to be taken to upgrade to 11.0.4.1 other than installing the patch.

## Important notes about upgrading

Please note the following about the upgrade process.

- The upgrade process is not reversible for configurations or domains

- All existing 11.0.3 workbooks should be committed, if desired, and deleted prior to running the upgrade utility. The upgrade utility does not upgrade workbooks within the domain, so trying to use an 11.03 workbook after the upgrade will result in an error

- All the wizard page user selections are deleted – specifically, users/*/selections directories in the domain are deleted, meaning that all stored wizard page selections will no longer exist and users will have to make selections again

- The domain-upgrade component of the upgrade process performs several upgrade functions. Before performing any of these upgrades, it first validates that the domain has an 11.0.3 format for each component it's trying to upgrade. If any of the components is in an unexpected format, the utility reports an error and leaves the domain unchanged. Otherwise it will proceed with the upgrade.

## Upgrade process

Step 1  Make a backup copy of your configuration, your domain, and the installs directory for the domain.

Step 2  Install the new Tools release on your computer. Starting with this release of the Configuration Tools, we have made some changes with the installation process of the Tools. These changes are particularly important if you are *not* using the NT server installation of RPAS to build domains. If you are not using the NT server installation of RPAS on your laptop or desktop, then please refer to the RPAS Installation Guide, *Chapter 6: Installing the configuration tools in Windows*, regarding the changes for this release of the Tools. Even if you have already installed a previous release of the Tools, you *must* make these changes for this release.

    - Specifically, we have separated the RPAS NT-specific files from the Tools release into their own directory called RPASlibs. The RPASlibs directory is packaged as part of the Tools release. You need to setup the RPAS_HOME environment variable to point to the path where you install the RPASlibs directory. Even if you are not using the RPAS NT server installation to build domains, you need to setup the RPAS_HOME variable to point to the RPASlibs directory to use the Tools Workbench. Once you have setup the RPAS_HOME environment variable, you need to add %RPAS_HOME%/lib directory to your PATH environment variable.

Step 3   If you want to build domains on NT or Windows 2000, then you need to install the new RPAS NT release on your computer.  This installation process has not changed.  Please refer to the RPAS Installation Guide for complete details.  Change or create your **RIDE_HOME**, **RPAS_HOME**, and **PATH** environment variables as necessary to point to the new Tools and RPAS installations respectively.  If you are not building domains using the RPAS NT installation, you can skip this step.

Follow the process below depending on your respective scenario, either Scenario 1 or Scenario 2.  Then proceed to the remaining instructions for Both Scenarios.

### Scenario 1:  Upgrade from RPAS/Tools 11.0.3 to 11.0.4

This scenario is only for configurations that have not been previously upgraded to a pre-release of RPAS 11.0.4.  Otherwise, go to Scenario 2.

Step 4   Upgrade the configuration:

- Open your configuration using the new Tools installation.

- You will be prompted to convert the configuration.  Select Yes.

  - As part of the conversion process, rule set, rule groups, and rule names may be truncated in order to meet new validation requirements to support a change that was made in RPAS.  Specifically, rule sets will be truncated to the first 9 characters.  Rule groups will be truncated to the first 10 characters.  Rule names will be renamed to be the new rule group name plus a rule index autogenerated numeric identifiers.  The conversion process will also convert rule group names used in workbook custom menus to reflect the new rule group names.  The converted rule set, rule group, rule names, and custom menus should be manually inspected.  Note that there should be no impact to rules and expressions as a result of the conversion.

- To assist you in updating any external scripts that reference rule group names, a log file will get created called RuleRenamer.log located in your configuration directory.

- We strongly recommend that you do not make any changes to your configuration during the upgrade process.  After upgrading your configuration, save and exit your configuration.

### Scenario 2:  Pre-existing RPAS/Tools 11.0.4 Configuration and Domain

This scenario is only for configurations that have been previously upgraded to a pre-release of RPAS 11.0.4.

Step 4   Upgrade the configuration:

- Double-click on the RuleRenamer.bat file located in the bin subdirectory of your Tools installation.  This will open up a new utility that will convert your configuration.  Please note that you should *not* have your configuration open in the Tools Workbench during this scenario.

- Use the Browse button to open up your configuration .xml file.  Select the main .xml file of your configuration the same as you would as if you were opening the configuration in the Tools Workbench.

- As part of the conversion process, rule set, rule groups, and rule names may be truncated in order to meet new validation requirements to support a change that was made in RPAS. Specifically, rule sets will be truncated to the first 9 characters. Rule groups will be truncated to the first 10 characters. Rule names will be renamed to be the new rule group name plus a rule index autogenerated numeric identifiers. The conversion process will also convert rule group names used in workbook custom menus to reflect the new rule group names. The converted rule set, rule group, rule names, and custom menus should be manually inspected. Note that there should be no impact to rules and expressions as a result of the conversion.

  - The renamed rules will be displayed in the RuleRenamer. We recommend that you copy and paste this into a text file in order to save this information for updating any external scripts.

  - Exit the RuleRenamer.

  - Go to step 6 below. We recommend that you do not make any changes to your configuration during the upgrade process. You do *not* need to open and save your configuration in the Tools Workbench for the rule conversion to take effect. The RuleRenamer modifies your configuration directly.

**Both Scenarios (except step 10):**

Step 5  Change any external batch scripts to use the new rule group names and to reflect parameter and/or name changes to certain RPAS utilities (including **loadmeasure**, **loadHier**, etc.; see release notes for additional information)

Step 5  On the server, move or rename your old configuration. Zip up your new configuration and transfer it to the server. Do *not* unzip the new configuration over the old configuration.

Step 6  If using a UNIX server, change your **RIDE_HOME** path in your .profile to point to the new Tools installation.

Step 7  If using a UNIX server, change your **RPAS_HOME** path in your .profile to point to the new RPAS release. Restart your session for these changes to take effect.

Step 8  For Scenario 1 only (upgrading from 11.0.3 to 11.0.4), run the upgrade utility on your domain using the command below:

> **domainUpgrade1104** –d *domain_path*

📖 **Notes:**

- This script will call the RPAS upgrade1104 utility.

- This script will remove all rule groups except the RPAS ones.

Step 9  Rebuild all custom libraries using the new RPAS release. Move the custom libraries Into the $RPAS_HOME/**applib** directory.

Step 10 Since RPAS no longer references libraries from the **lib** directory of the domain, remove this directory from the domain.

Step 11 Run a **patchinstall** on your domain using the new configuration. The installs directory must be located in your domain home path at the same level as your domain for the patchinstall to work.

**This will complete the upgrade process for the RPAS platform, Configuration Tools, and existing domains.**

# For your information

1   In 11.0.4, the domain patch process has been changed to rebuild all rules. Therefore, the patch process should be expected to take as long as the original domain build time.

2   When building a domain for the first time, in addition to the directory for the domain, an installs directory gets created at the same level as the domain itself.  The installs directory is essential for the patch process, so you should not move or rename this directory.

When sending in an issue to Retek Customer Care, if asked to provide a domain, please be sure to also provide the installs directory with it.  For completeness, you should provide the following items in order to help Customer Care better diagnose the issue:

- The configuration
- The script used to run the rpasInstall script
- The domain
- The install directory
- The log output file

3   The MultiLanguage flag and Language selection are editable within the configuration, but they only used during the original, first-time domain build. It is not used during a patchinstall for the domain.

4   You should not rename your configuration directory in Windows Explorer or you will not be able to use it. If you want to rename your configuration, then you should use the rename option within the Configuration Tools or use the Save As option.

5   Some changes with the installation process of the Configuration Tools have been made in this release.  These changes are particularly important if you are *not* using the NT server installation of RPAS to build domains.  If you are not using the NT server installation of RPAS on your laptop or desktop, then please refer to the RPAS Installation Guide, *Chapter 6: Installing the configuration tools in Windows*, regarding the changes for this release of the Tools.  Even if you installed the Configuration Tools previously, you *must* make these changes for release 11.0.4.