Sun Role Manager 4.1

Release Notes

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Release Notes

Version : Sun™ Role Manager 2008 4.1

Type : Version Release

SUN Microsystems

Note – backup your existing rbacx.war before proceeding with update.

New Features Added

1. Enhanced Identity Certification Features

Advanced user population selection strategy, ability to delegate a certification to any user in the Identity Warehouse, additional certification options for accurately identifying users, roles and entitlements, ability to export in progress certifications as reports to certify them offline, ability to configure event-based certifications (incremental certifications, certifications based on job transfers), ability to track revocations of completed certifications, advanced configuration & workflow options unique to each certification, and the ability to end date certifications.

2. Enhanced UI for User Access Certifications

Richer, more intuitive user access certification experience with emphasis on usability and interaction design. A completely re-designed user interface following a simple two-step process to certify user roles and entitlements, advanced drill-down, search and filtering capabilities, display/collapse navigation panels and the ability to generate in-progress certification reports for offline sign-off.

3. Enhanced Role Engineering and Administration

Robust Role Engineering & Administration capabilities which include the ability to schedule role mining using a robust job scheduler, display entitlement glossary during role mining, ability to generate reports from role mining reports, revised Role History module, enhanced Rule Engineering capabilities such as Rule Based Role Removal, provisioning policy workflow, mass modification role workflow, advanced role search and role copy features.

4. Improved Identity Warehouse and Custom Reporting

Role Manager 4.1 includes an improved Identity Warehouse where Account information is supplemented with an Accounts Type field, a sophisticated search engine allows creation of complicated search conditions and searching on any of the commonly populated user fields and the correlation mechanism is augmented by the Manual Correlation capability that allows correlation of orphan accounts and changing associations of correlated accounts from the UI.

Role Manager 4.1 supports custom reporting which allows inclusion of server side custom reports to be available for view and export through the Role Manager interface.

5.Improved Integration with SUN Identity Manager

Any roles and surrounding metadata designed in Sun Role Manager can be easily exported to Sun Identity Manager, also leveraging the new business roles/IT roles feature in Sun Identity Manager 8.0, thus leading to better consumption of roles in Identity Manager

Role Manager 4.1 provides enhanced performance and efficiency when integrated with Sun Identity Manager with the ability to import only new or modified user accounts from Sun Identity Manager to Role manager via an enhanced SPML configuration.

6. Enhanced API Support

Role Manager 4.1 provides extensive API support by means of Web services where several important tasks are supported by Web services such as

- Assigning and Removing User to a given Role with Auto Approval, Evaluating Audit Policy
- Checking SOD Exception for the Roles
- Create and Update User with Rule Based Role Assignment
- Fetch the Business Units associated with a given User
- Remove all the roles from a Given User

7. MySQL Support

Role Manager 4.1 now adds support for MySQL deployed in both Windows and UNIX® environments, a major addition to its existing support of MS SQL ,Oracle and DB2.

Role Manager is able to fully exploit the potential of automating table and index reorganization in MySQL, eliminating fragmented data to improve data access performance.

Enhancements

[RBX-2009] RME : Enhanced Role Version

[RBX-2011] RME : Enhanced Role History

[RBX-1969] RME : Workflow step timeline

[RBX-1908] IDC : User Selection

[RBX-1910] IDC : Delegation

[RBX-1911] IDC : Certification Options

[**RBX-1912]** IDC : In Progress Reports

[RBX-1914] IDC : Track Revocations

[RBX-1915] IDC : Certification complete emails

[RBX-1916] IDC : Multiple Email Templates

[RBX-1917] IDC : End Date Certification

[RBX-1918] IDC : Certification Remediation Process

[RBX-1998] REPORTS : Failed Correlation Reports

[RBX-2025] Administration : Scheduler UI

[RBX-2536] Integration : SRM - OIM Integration Upgrade

Bugs Fixed

[BUG-394] IDW : Endpoint : Data Management: Data owner : While selecting any user it should select only one for Data Owner from user list

[BUG-469] IDA : Policies : New Policy : Re mediator shows duplicate user list

[BUG-480] IDW : Endpoint : Data Management :Unable to set Data Owner value to Null or a given attribute value

[BUG-534] REPORTS : When we click on a [View Report] of a report with page size (say 100), the report is displayed. However, we view the bottom of the report (normally Blank screen) rather than top(the report details)

[BUG-545] IDA : New Scheduled Scan Job fields are highlighted when the values are populated

[BUG-558] IDA : Identity Audit - Scheduled scan job need filter option

[BUG-559] IDA : Identity Audit - Policy Violation details need filter option

[BUG-648] System : User Column is not available in Import / Export Logs tab

[BUG-652] System : Audit Event Logs/Import&Export Logs no clear tab present for filter

[BUG-653] System - After Filter the data if data is not found that time shows the Message "Record not found"

[BUG-1685] Role Management: Role Consolidation by entitlements throws null error

[BUG-1866] General : Device Dependant Scripts Issue for Section 508

[BUG-1867] Forms: INPUT requires explicit LABEL

[BUG-1868] Images: Alt attribute required

[BUG-1871] Role Management : Clicking Role Management Tab throws exception

[BUG-1948] Role Engineering : Role Discovery : Select all/Select By page option added

[BUG-1951] IDW: Policy View : Unable to add or delete entitlements to a policy in IE

[BUG-1952] IDA: Issue Creating rules in IE

[BUG-1959] First time user attempts to sign on, an exception is thrown

[BUG-1961] System should have a setting in security configuration files to disable pre -authentication access

[BUG-1997] IDW : Removing a role from policy with no attributes gives an error

[BUG-2043] Security : Button to remove RBX System Role to RBX User needs to be changed

[BUG-2044] Session timeout settings in UI is not in sync with web application settings

[BUG-2051] Role Management / Role Consolidation UI shows wrong set of common and distinct attributes

[BUG-2053] Cannot assign roles to rbacx user

[BUG-2056] Threshold to ignore attribute/values if value count is smaller than threshold

[BUG-2062] Configuration : NO CSV import fail emails go out

[BUG-2068] Role Engineering : Role Mining result, role details does not show the number of users in Role

[BUG-2069] Role Engineering : Role Mining result doesn't show classification rules in classification tab

[BUG-2072] Configuration : Object Error while creating an attribute

[BUG-2074] Role Engineering : Running Role mining in Safari (Mac OSX Leopard 10.5.3) with large number of users (> 6000), The result does not reach the browser,

[BUG-2079] Role Engineering : Loading role mining details when number of users is large is very slow

[BUG-2091] Role Engineering : Number of Users Selected Displayed Incorrectly During Role-Mining By BU

[BUG-2092] Role Engineering : Role Mining Preview : Export To CSV Failure

[BUG-2094] IDA : Rule Cannot Be Saved in MySQL

[BUG-2095] IDC : User Access : Unable to view user entitlement attributes

[BUG-2115] Workflow : Approver information shown incorrectly for role workflow chart

[BUG-2116] IDW : Policy details pop up doesn't show endpoints

[BUG-2216] My Requests: Viewing request details for completed request throws script error

[BUG-2235] Attribute property changes are not getting reflected when we change the page size

[BUG-2244] Role Management : Unable to select role in role management tab

[BUG-2257] Role Engineering : Rule Discovery on Business Units throwing "Null" Error

[BUG-2367] Security : "Access to Security tab in Thin Client" doesn't work

[BUG-2371] Role Engineering: Role Entitlement Discovery : New role version created due to Role Entitlement Discovery performed on a role leads it to load indefinitely when clicked under Roles view in IDW

[BUG-2373] IDW : Role View : Unable to add a user to a Role under IDW

[BUG-2408] Script : MySQL5 : Specified key was too long; max key length is 767 bytes

[BUG-2445] Role Engineering : Role Entitlement Discovery : Save Policies Button is disabled

[BUG-2526] Role Engineering : Column headers are not aligned properly during csv Export

[BUG-2586] IDW: User View : Custom properties not getting saved

[BUG-2322] IDC : Issue with the certification created of type Role Entitlement

[BUG-2263] IDC: Complete Certification tab - Inconsistent functionality

[BUG-2358] i18n : Report Names are hard coded on New Report Job screen

[BUG-2345] i18n : "Completed Jobs" menu item is hard coded

[BUG-2346] i18n : Schedule Jobs contains hard coded strings

Installation Instructions

The instructions in the following sections use commands that are specific to a Windows installation and a Tomcat application server.

Depending on the environment and application server, the commands may differ slightly.

▼ On a Windows Platform

Use the following steps to upgrade Role Manager manually on a supported Windows platform

1. Stop the application server

2. Update the Role Manager database

3. Enter the following commands

```
set INSPATH=Path of upgrade software, e.g. C:\RBACx_Upgrade
set RBACXHOME=Path to RBACx installation directory or staging area.
For e.g.:  <tomcat install directory>\webapps
set TEMP=Path to temporary directory
```

4. Run pre-process

```
mkdir  %TEMP%

cd /d %TEMP%

jar -xvf %INSPATH%\rbacx.war
```

5. Apply any customization necessary for the environment to the extracted .war file in %TEMP% directory

6. Remove Role Manager files from the application server work directory

7. Repackage .war file in %TEMP% directory if changes are made as outlined in step 5. Enter the following commands on the test environment

```
cd %TEMP%

jar -cvfM %RBACXHOME%\rbacx.war .
```

8. Start the application server

9. Address the following URL http(s)://APPSERVERNAME:PORT/rbacx/welcome.action. When the Welcome screen appears, enter rbacxadmin credentials and check if the installation is successful.

10. View rbacx.log to check if you have received any errors. If rbacx.log states the following, then the installation is successful.

```
12:49:35,578 INFO  [ContextLifecycleListener] Sun  Role Manager (build:
4.1.0.20080902) Started
```

▼ On a UNIX Platform

Use the following steps to upgrade Role Manager manually on a supported UNIX platform

1. Stop the application server

2. Upgrade the Role Manager database

3. Enter the following commands on the test environment

```
export INSPATH=Path of upgrade software, e.g. /opt/RBACx_Upgrade

export RBACXHOME=Path to RBACx installation directory or staging area.

For e.g.:  <tomcat install directory>/webapps

export TEMP=Path to temporary directory
```

4. Run pre-process

```
mkdir $TEMP

cd $TEMP

jar -xvf $INSPATH/rbacx.war
```

5. Apply any customization necessary for the environment to the extracted .war file in $TEMP directory

6. Remove Role Manager files from the application server work directory

7. Repackage .war file in $TEMP directory if changes are made as outlined in step 5. Enter the following commands on the test environment

```
cd $TEMP

jar -cvfM %RBACXHOME%/rbacx.war .
```

8. Start the application server

Restore Customization After Upgrade

Once the upgrade process has been completed, setup the customized repository objects to restore customization of the application.

Note – Consult the Sun Role Manager 4.1 Upgrade Guide for further details.