

# **Oracle Identity Analytics 11gR1 Release Notes**

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# Preface

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## About This Book

July 2010

This Release Notes document is bundled with Oracle Identity Analytics 11.1.1.3.0. The document provides information about product enhancements and bugs fixed in this release.

Customers installing a fresh copy of OIA 11gR1 should refer to the "Installing Oracle Identity Analytics" chapter in the "Oracle Identity Analytics 11gR1 Installation and Upgrade Guide."

Customers upgrading from an older version of Oracle Identity Analytics or Sun Role Manager should refer to the "Upgrading Oracle Identity Analytics" chapter in the "Oracle Identity Analytics 11gR1 Installation and Upgrade Guide."

**NOTE** — Upgrading to OIA 11gR1 involves both configuration and schema updates. Please refer to the "Oracle Identity Analytics 11gR1 Installation and Upgrade Guide" for more information.

All schema update files from Sun Role Manager 4.1 onward are available in the "db" folder inside the distribution package.



# New Features Added in This Release

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The following features and enhancements were added in this release.

## Extended User Custom Properties for Global Users

An unlimited number of extended custom properties can now be added so that custom user information can be stored in the Identity Warehouse. Extended custom properties are in addition to the twenty out-of-the-box custom properties that Oracle Identity Analytics provided previously.

Property labels can be changed to match your needs. These values can either be imported as a part of a Global Users import, or populated from the user interface.

For more information, see "*Working With Extended User Custom Properties*" in the "Oracle Identity Analytics Identity Warehouse" chapter of the "Oracle Identity Analytics 11gR1 Business Administrator's Guide."

## Improved Imports

Data import times have been improved to match customer needs. The time it takes to populate large sets of roles, policies, and accounts has been reduced.

## Improved Data Loading on the User Interface in the Identity Warehouse

Data loading using the User Interface has been optimized to support the display of large data sets. Data loading now runs in a configurable manner with agreeable response times.

## Improved Performance in Identity Certification

Performance and scalability fixes have been introduced to support faster certification creation and loading times with larger amount of data.

1. Introduced batching for restricted data loading and improved response times. Batch sizes are configurable.

Please refer to the following sections:

- *Configuring Identity Certification Settings on the Server*, which is located in the *System Administrator's Guide*, in the "Tuning Server Configuration Properties" chapter
  - *Configuring Identity Certification Batch Sizes in the UI*, which is located in the *System Integrator's Guide*, in the "Customizing the Oracle Identity Analytics User Interface" chapter
2. Accordion-type UI elements have been added to the User Entitlement Certification screen, step 2, to restrict all accounts from loading at one time.
  3. An "Expand all" command has been added to the User Entitlement Certification screen. By default, all account accordions for a given user during a User Entitlement Certification are collapsed. This feature allows the user to open all account accordions for a given user at the same time. (Note: Keeping all accordions open will affect data loading in the User Interface.)
  4. The "Filter Accounts" feature has been expanded. All accounts for a given user in the User Entitlement Certification screen, step 2, can be further filtered by the following:
    - a. Resource Type
    - b. Account Status
    - c. Account Completion Status
  5. Added "Choose for all" functionality for all certifications, step 2. This feature allows users to take bulk action on the entire certification in one step and then go back to individual records and make changes if needed.

## Improved Performance in Identity Audit

1. Introduced faster, improved scans, as well as scan support for large data sets.
2. Implemented data loading improvements in the policy violations tab.
3. Users can now set thresholds for violation preview counts for preview-type scans.

## User Manager can be Added as Primary Remediator for an Identity Audit Policy

You can now set both a primary and a default remediator for a given policy. If a primary remediator does not exist, the default remediator takes precedence.



# Enhancements

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## Enhancements in This Release

- [RBX-5962] IDC: Scalability : Data Owner Cert : Load attribute values in batches to support certification creation for large numbers of data owners and attribute values
- [RBX-3351] Configuration : Account Maintenance by Namespace
- [RBX-5682] SIM\_Integration: IdentityAuditService should have getAllOpenExceptionsForUser()
- [RBX-5986] Regular Expression Condition support for rules
- [RBX-6234] WebServices: To create an RBX User
- [RBX-5936] IAM: Performance: Indexing 1 million users and 200K+ roles
- [RBX-6002] IAM : Closed Loop Remediation with Oracle Identity Management 9.x and 11g
- [RBX-5930] IAM: Role imports affected by indexing
- [RBX-5933] IAM : Implement in-memory compression of shared attribute values during XML account feed import
- [RBX-6000] IDA : Ability to add User Manager as a Primary remediator when a violation is being created
- [RBX-5950] IDA : Enable user to set threshold for violation preview count for preview type of scans
- [RBX-5951] IDA : Disable Continues Violation Scan Job that scans all active users
- [RBX-6063] IDA : Performance : Policy violation : Audit Trails : support for handling batching, and lazy loading
- [RBX-5995] IDA : Performance : Policies : Rules : add new Rule: support for handling batching, and lazy loading

[RBX-5962] IDC: Scalability: Data Owner Cert : Load attribute values in batches to support creating certification for large numbers of data owners and attribute values

[RBX-5963] IDC: Scalability: Re-factor certification summary calculations for all types of certifications to accommodate scalability refactorings

[RBX-5958] IDC: Scalability: User Entitlement Cert : Avoid loading all roles while creating a cert limiting access outside role

[RBX-5959] IDC: Scalability: User Entitlement Cert : Load global users in batches to support creating certification for large no of users

[RBX-5960] IDC: Scalability: Role Entitlement Cert : Load roles in batches to support creating certification for large no of roles

[RBX-5961] IDC: Scalability: Resource Entitlement Certification : Load users in batches to support creating a cert for large no of users

[RBX-5822] IDC : Proxy users should also be copied on the Certification - Escalation email.

[RBX-6033] IDC: User Certification: Performance Enhancement: Account accordions added for loading large number of accounts

[RBX-6148] IDC: User Certification: Step 1: Takes a long time to load step 1 if a user has large number of accounts (~10k)

[RBX-6149] IDC: Performance : User Entitlement Certification: Provide a batching mechanism inside accordions, use for batching account accordions

[RBX-6169] IDC: My Certifications: Loading my certifications page takes a long time

[RBX-6172] IDC: User Certification: Step 1: Using "Change for all" in Step1 takes a long time

[RBX-6322] IDC: Resource Certification: Need an ability to open all accordions on a page with one click

[RBX-6430] IDC: Performance : User Certification: Batching of users in Step 1 and Step 2

[RBX-6340] IDC: Performance : Role Entitlement Certification: Avoid loading policies while loading certification for Step 1

[RBX-6339] IDC: Performance : Data Owner Certification: Avoid loading users while loading certification for Step 1

[RBX-6328] IDC: Performance : Resource Entitlement Certification: Batching for account accordions

[RBX-6204] Workflow : Send email notifications to just the policy owners

[RBX-6182] IDW : Performance : Users : Roles : Support for handling batching and lazy loading

[RBX-6183] IDW : Performance : Users : Accounts : Support for handling batching and lazy loading

[RBX-6315] IDW: Users: Orphan Accounts: Provide "more" node functionality for resources

[RBX-5765] Workflow : Email is not sent out while reverting to an old role.

[RBX-5923] IDW: Performance : Support for adding new users to a role which already has millions of users

[RBX-5965] IDW: Performance: Support for displaying role details having millions of users in main roles view

[RBX-5967] IDW: Performance: Support for displaying role details having millions of users in role details dialog

[RBX-5990] IDW: Performance:: Support for displaying and saving Business structure details having large no of Users in main Business structure view

[RBX-5991] IDW: Performance:: Support for displaying and saving Business structure details having large no of Roles in main Business structure view

[RBX-5992] IDW: Performance:: Support for displaying and saving Business structure details having large no of Policies in main Business structure view

[RBX-5993] Performance : IDW : Users : Accounts : support for handling batching,auto update and lazy loading

[RBX-5994] Performance : IDW : Users : Roles : support for handling batching,auto update and lazy loading

[RBX-6025] Performance : IDW : Users : Business Structures : support for handling batching,auto update and lazy loading

[RBX-4424] Scheduler: Custom Option: Provide an advanced option that allows users flexibility to create cron expressions for tasks

[RBX-6018] IDW: Users : Extended Custom Properties

[RBX-5903] IDC : Need "Choose for all" function for all types of certifications

This functionality is disabled by default.To enable it follow the given instructions:

1. Locate the %RBACX\_HOME%rbacxWEB-INF\jspfheader.jspf file
2. Change the following line from

```
request.setAttribute("certificationCertifyAll", false);
```

to

```
request.setAttribute("certificationCertifyAll", true);
```

Note: This configuration change will be overwritten by future upgrades. Please document this change and reapply it during future OIA upgrades.

## Fixed Bugs

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### Bugs Fixed in This Release

- [BUG-6186] UI: concurrent modification of roles and policies can create two new versions of those objects
- [BUG-6385] Poor performance expanding a large number of policies in the IDW UI
- [BUG-5879] Performance : Loading accts. o. of entitlements take long time to open that have large n
- [BUG-5982] IDW : User relationship model loads users accounts
- [BUG-6229] IAM : Export to IDM from SRM takes too long because listFilteredUserNames are getting called on every Role
- [BUG-5979] Access Control : System Privilege: Rename "Delete Role" to "Decommission Role"
- [BUG-6205] IDC: New cert emails go out before certs are available
- [BUG-6287] IAM : Bad Performance for account's feed with accounts belonging to different resources.
- [BUG-6362] IDA : Same account shows in more than once in IDA policy violation
- [BUG-6364] IDA : Some violation causes found in a scan are missing in the violation/preview created
- [BUG-6280] IDC : Popup comments box is not shown in IE for Exception Allowed option
- [BUG-6232] IDC: IE6 ANDAMP 7 Accounts Meta Information pop-up missing data when collapsed/expanded CIBC
- [BUG-6299] IDC: Create IDC: Add Business Structure : more button does not work.
- [BUG-6333] Authentication via Siteminder and OAM broken when concurrent session handler enabled

- [BUG-3125] IDC : Issue with High privileged value certification
- [BUG-6456] IDC : Data owner Certification by Data owner fails with Primary Key violation
- [BUG-6480] IDC: User Certification: Performance issue with large number of attribute values at any level of attribute hierarchy
- [BUG-6336] IDC : Certification with same entitlement names in more than one end-point under a namespace show error - Error creating data owner certification
- [BUG-6224] IDC : User Suspension : End Date can only be changed but not removed
- [BUG-6233] Global User/Admin not being removed from UI even though the Admin is deleted
- [BUG-6399] General UI : Alert box on home page disappears too quickly
- [BUG-6292] IDC: User Certification: Step 2: Need an ability to open all accordions on a page with one click
- [BUG-6293] IDC: User Certification: Step 2: Account Filtering: Should be server side
- [BUG-6230] IDC : The Label defined for the attribute doesn't show up in the certificate page
- [BUG-6231] IDC: My Certifications: paging issue. Incorrect records number in certification details page
- [BUG-6475] IDC : IE6 and IE7 - Expand All Account Accordions displays no data
- [BUG-6497] IDC : User/Resource Cert: Account Filter: Using filter option moves focus to top of page
- [BUG-5860] IDC : New Certification does not create new idc\_users object if idc\_users updatedate is NULL
- [BUG-5939] IDC UI : comments not shown when no certifiable attributes
- [BUG-6332] IDC : Accounts not displaying correctly when navigating pages on certification
- [BUG-6360] IDC : Incorrect launch of Increment Certifications for Type: Resource Entitlement Certifications
- [BUG-6034] Hardcode message appears when duplicate job name found.
- [BUG-5770] Event Listeners : Logging EL Name Action Type Rather Than Internal DB ID

# Known Issues

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## Known Issues in This Release

[BUG-3995] Multibyte characters become garbage or are not displayed at all in a PDF report

**Workaround:**

Export as a .csv file and then configure the output as you like before you create the PDF from a desktop application such as Open Office.

[BUG-6073] IDW: Policies: Websphere 7.0 - Entitlement values gets cleared in policy version created

