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# Kuali Rice 2.2.0-M5-SNAPSHOT Release Notes

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## Table of Contents

Overview .....	1
Release Highlights .....	1
Download .....	1
Documentation .....	1
Contact .....	2
Upgrade Guide: Rice 2.1.0 to Rice 2.2.0-M5-SNAPSHOT .....	2
Upgrading the server database .....	2
Client Database Upgrade .....	2
Items Addressed in Rice 2.2.0-M5-SNAPSHOT .....	2
Bug Fix .....	2
Improvement .....	9
Task .....	10

## Overview

Welcome to Rice 2.2.0-M5-SNAPSHOT!

## Release Highlights

### Highlights of this release include:

- Addition of maven archetype for simpler project creation. See the [Installation Guide](#) for more information on how to use.
- Application Document Status functionality was enhanced to provide better document search integration.
- Numerous bug fixes. See below for details.
- Documentation updates

## Download

Kuali Rice 2.2.0-M5-SNAPSHOT can be downloaded from the Rice website at <http://kuali.org/rice/download>.

There are three different distributions of Rice available: source, binary and server. Please read the [Installation Guide](#) for more details on each of these distributions.

Applications can also consume Rice from the maven site at <http://search.maven.org/#search|ga|1|org.kuali.rice>.

## Documentation

API Documentation can be found at <http://site.kuali.org/rice/2.2.0-M5-SNAPSHOT/apidocs/index.html>

Formal documentation can be found at <http://site.kuali.org/rice/2.2.0-M5-SNAPSHOT/reference/html/portal.html>. This documentation is still in the process of review and update which will continue through subsequent releases, so please follow the notes in each document to report any outdated information.

## Contact

If you encounter any difficulty, please don't hesitate to contact the Rice team on our public collaboration mailing list at <[rice.collab@kuali.org](mailto:rice.collab@kuali.org)>. Please indicate that you are using the 2.2.0-M5-SNAPSHOT version of Rice.

# Upgrade Guide: Rice 2.1.0 to Rice 2.2.0-M5-SNAPSHOT

## Caution

We recommend backing up your database before performing any upgrade!

## Upgrading the server database

MySQL and Oracle scripts for performing these updates are available in the following locations in the Rice distribution downloads:

MySQL `scripts/upgrades/2.1.0 to 2.1.2/final/update_final_mysql.sql`

Oracle `scripts/upgrades/2.1.0 to 2.1.2/final/update_final_oracle.sql`

## Client Database Upgrade

There was a MySQL-specific issue that affected a client table, therefore you only need to run a client upgrade script for MySQL.

MySQL `scripts/upgrades/2.1.0` to `2.1.2/final/update_client_final_mysql.sql`

# Items Addressed in Rice 2.2.0-M5-SNAPSHOT

## Bug Fix

- [[KULRICE-6938](#)] - Adhoc Group Request results in stack trace
- [[KULRICE-6943](#)] - Derived components are not showing the namespace in lookup or inquiry screens
- [[KULRICE-7045](#)] - Group Viewer ID is mistakenly included on the "basic" doc search
- [[KULRICE-7089](#)] - KNS version of MaintenanceDocumentPresentationControllerBase references KRAD MaintenanceDocument vs KNS MaintenanceDocument
- [[KULRICE-7096](#)] - Detailed Document Search for PURAP - Application Document Status should be multiselect control to allow selection of multiple values for search.
- [[KULRICE-7303](#)] - Able to add assignees to Derived Roles

- [[KULRICE-7335](#)] - Env1: NPE trying to put message in queue from Quartz link
- [[KULRICE-7346](#)] - KREW\_RTE\_NODE\_T / ACTVN\_TYP seems to be wrong size in Rice master data source
- [[KULRICE-7349](#)] - PeopleFlow: UI allows attempted creation of duplicate PeopleFlows
- [[KULRICE-7376](#)] - APPL\_ID length is inconsistent
- [[KULRICE-7378](#)] - MySQL Upgrade script for Rice 2.0 is dropping not null constraints
- [[KULRICE-7412](#)] - KREW\_HLP\_T and KREW\_HLP\_S Still in master datasource and should not be
- [[KULRICE-7440](#)] - KRMS\_CNTXT\_TERM\_SPEC\_PREREQ\_S is still in master datasource
- [[KULRICE-7442](#)] - Searching on component on parameter lookup returns no results.
- [[KULRICE-7465](#)] - CoreServiceRemoteModuleService needs to support more EBOs
- [[KULRICE-7487](#)] - Lookup links on Role document not functioning and appearing in too many places
- [[KULRICE-7494](#)] - Document Search URLs are broken for non-Rice custom searches
- [[KULRICE-7501](#)] - Lookups/Edit failing due to creation of child Interface object
- [[KULRICE-7502](#)] - ObjectUtils could not create Object from a collection property with null value
- [[KULRICE-7503](#)] - Document search not defaulting from date when document type entered
- [[KULRICE-7508](#)] - Attempting to lookup groups by group type Organization Group results in stack trace
- [[KULRICE-7509](#)] - Rice KIM documents stay editable after submission
- [[KULRICE-7546](#)] - When doing a lookup from Detailed Doc Search, you are returned to Basic Doc Search
- [[KULRICE-7557](#)] - Large attachments on notes and attachments framework cause exceptions
- [[KULRICE-7570](#)] - Unable to edit groups with the KFS Organization Group type
- [[KULRICE-7571](#)] - Entering an document type qualifier on a Role document causes stack trace on add
- [[KULRICE-7579](#)] - Remoting of WorkflowRuleAttribute does not appear to be working well because WorkflowRuleAttributeHandlerService does not appear to be hooked up properly
- [[KULRICE-7580](#)] - BO Notes are not brought from original document to the new document.
- [[KULRICE-7604](#)] - County (not Country) maintenance document allowing bad state data
- [[KULRICE-7605](#)] - Person and Role document broken when displaying data with role that has namespace qualifier
- [[KULRICE-7608](#)] - Dynamic role membership being cached incorrectly
- [[KULRICE-7615](#)] - Error loading action list when user has action request resulting from delegation for a group

- [\[KULRICE-7616\]](#) - the KEW ActionSet class is mutable and I assume it should not be
- [\[KULRICE-7619\]](#) - People Flow members of type Role appear as type Principal when editing
- [\[KULRICE-7637\]](#) - show inactive / hide inactive button on subtab is not working correctly.
- [\[KULRICE-7640\]](#) - Custom Action List processing throws NPE when processing KFS CustomActionListAttribute
- [\[KULRICE-7642\]](#) - RoleResponsibilityAction APIs are insufficient
- [\[KULRICE-7646\]](#) - On BO notes, the attachment can not be opened.
- [\[KULRICE-7655\]](#) - WorkflowDocumentService.getActionsTaken has the wrong method name
- [\[KULRICE-7661\]](#) - AdHoc Group request - isAddHocRouteWorkgroupValid() method should validate the groups permission and it is not.
- [\[KULRICE-7694\]](#) - input field assumes option value of type string
- [\[KULRICE-7695\]](#) - IndicatorYNNNullSelectControl does not display the Y/N values. Always showing nulls
- [\[KULRICE-7706\]](#) - KRAD role type services passing nulls to location/core service methods
- [\[KULRICE-7707\]](#) - KIM Person document does not indicate fields with errors
- [\[KULRICE-7709\]](#) - Doc Search - receive Stack Trace when clearing Created To & From dates
- [\[KULRICE-7710\]](#) - Role type column on Role lookup links to role inquiry rather than KIM type inquiry
- [\[KULRICE-7711\]](#) - Role qualifier validation being ignored when assigning a role as a member
- [\[KULRICE-7712\]](#) - Validate adhoc reviewers when clicking add
- [\[KULRICE-7715\]](#) - Hook up routing report feature to WorkflowRuleAttributeHandlerService
- [\[KULRICE-7719\]](#) - Missing buttons on Super User Approval Tab
- [\[KULRICE-7733\]](#) - Agenda Rule edit button js error when clicked.
- [\[KULRICE-7738\]](#) - Responsibility Actions not appearing when adding a person to a role with action details defined at role member level
- [\[KULRICE-7739\]](#) - Error when trying to nest one group inside of another group.
- [\[KULRICE-7745\]](#) - County (not Country) maintenance document allowing bad state data - add FK constraint
- [\[KULRICE-7748\]](#) - IdentityResponsibilityBlanketAppIT fails expected:<[ENROUTE]> but was:<[FINAL]>
- [\[KULRICE-7749\]](#) - Unable to inactivate Role Assignment from a Person record when the qualifier data does not validate
- [\[KULRICE-7753\]](#) - WorkFlowRouteRulesIT cancel confirmation missing from create new Route Rules.

- [\[KULRICE-7761\]](#) - Super user approval - the role is showing up in addition to the people in the role. Approving for the Role leaves the Delegator column blank.
- [\[KULRICE-7762\]](#) - Super user approved for two fiscal officers - annotation only showed up for one.
- [\[KULRICE-7763\]](#) - Doc Search: need ability to alter results based on searcher's permissions
- [\[KULRICE-7768\]](#) - RoleService.updateDelegateMember() throws exception if you pass in an existing delegate member
- [\[KULRICE-7770\]](#) - DwrServlet initialization Stack Overflow
- [\[KULRICE-7777\]](#) - Qualifier resolvers on KIM documents were not updated for Rice 2.0 classes
- [\[KULRICE-7781\]](#) - DataDictionaryQualifierResolver class package was not updated in Rice 2.0 upgrade scripts
- [\[KULRICE-7782\]](#) - Document Service superUserDisapproveDocument is not consistent with disapproveDocument
- [\[KULRICE-7784\]](#) - Add application code to the subject of Incident Reports and other email from Kauli (i.e. email from batch jobs, etc)
- [\[KULRICE-7785\]](#) - Role member update API not updating existing role member attribute records (inserting new ones)
- [\[KULRICE-7786\]](#) - Document Specific Doc Search Application Document Status should be available (and groupable) on the basic version of search
- [\[KULRICE-7790\]](#) - KimTypeQualifierResolver should be returning the custom document type from handleGroupDocument()
- [\[KULRICE-7791\]](#) - Document configuration view blows up if any document-based permissions are not assigned to roles
- [\[KULRICE-7792\]](#) - DB Update: Qualifier resolvers on KIM documents were not updated for Rice 2.0 classes
- [\[KULRICE-7793\]](#) - DB Update: DataDictionaryQualifierResolver class package was not updated in Rice 2.0 upgrade scripts
- [\[KULRICE-7796\]](#) - getWorkflowDocumentService().documentSearch saves the search into user options but is failing to save because the value for VAL is too big.
- [\[KULRICE-7798\]](#) - Recall from Routing - Remaining Configuration Requirements
- [\[KULRICE-7840\]](#) - Validation doesn't appear to be done correctly when completing a doc via the Super User Action tab
- [\[KULRICE-7841\]](#) - Unable to designate a Group as a Recipient for an Ad Hoc Route
- [\[KULRICE-7845\]](#) - Error message is given when role is longer than 10 characters.
- [\[KULRICE-7855\]](#) - NOTIFY\_PENDING\_ON\_RETURN Policy (related to Recall from routing functionality) doesn't appear to be inherited
- [\[KULRICE-7863\]](#) - No cancel/disapprove button ad hoc route for completion recipient

- [[KULRICE-7875](#)] - Role document not reporting some errors properly
- [[KULRICE-7879](#)] - superUserActions.tag is displaying tab on un-submitted documents
- [[KULRICE-7881](#)] - Copying/Creating a permission is not populating permission identifier even when the document is routed.
- [[KULRICE-7882](#)] - KNS validationPattern property on AttributeDefinition being ignored
- [[KULRICE-7883](#)] - Document requester does not forward back to the appropriate application properly
- [[KULRICE-7896](#)] - NullPointerException if no role qualifier added on Person document
- [[KULRICE-7902](#)] - filename value of Content-disposition Header should be quoted to ensure proper file download
- [[KULRICE-7906](#)] - Unable to create a Role with Campus KimType
- [[KULRICE-7921](#)] - Lookup parameters from AdHoc recipients tab incorrect for added group lines
- [[KULRICE-7931](#)] - IdentityRoleBlanketAppIT.testRole fails expected:<[ENROUTE]> but was:<[FINAL]>
- [[KULRICE-7958](#)] - Route Log "For Delegator" inquiry link broken with group delegations
- [[KULRICE-7964](#)] - Add a method to ServiceBusImpl.java to get endpoints based on a given application id ; Contribution from IU
- [[KULRICE-7965](#)] - With rice rev. 34214, the blank line(s) on any document is being validated and the document can not be saved/submitted at this point.
- [[KULRICE-7971](#)] - KRMS maintenance prints unintelligible characters when adding a proposition
- [[KULRICE-7993](#)] - findPrimaryDelegationRecipients logging is incorrect for primary delegate drop down list
- [[KULRICE-8005](#)] - DataDictionaryIndexMapper change breaks transactional documents when institutions override business object classes
- [[KULRICE-8008](#)] - Taking an action on any KRMS maintenance Documents in embedded mode returns to rice server
- [[KULRICE-8010](#)] - Date attribute is not validating correctly. So the documents where user entered date fields are there, the documents can neither be saved nor submitted.
- [[KULRICE-8034](#)] - Business object validation is validating reference objects when it should not
- [[KULRICE-8040](#)] - PeopleFlow - delegates are not populated during edit
- [[KULRICE-8048](#)] - People Flow - Adding roles to a stop allowed without selecting the role
- [[KULRICE-8062](#)] - Change StandardGenericXMLRuleAttributeTest.java so it doesn't prevent error from being thrown if NodeInstance is null on the doc content
- [[KULRICE-8067](#)] - ActionTakenValue#getDelegatorDisplayName NPE
- [[KULRICE-8074](#)] - Getting client side validation errors when no errors are present

- [\[KULRICE-8102\]](#) - DictionaryValidationServiceImplTest testRequiredNestedAttribute and testCollectionConstraints null pointers
- [\[KULRICE-8103\]](#) - KRMS rule edit screen: "add parent" button on proposition tree bar just toggles edit mode on the selected proposition
- [\[KULRICE-8124\]](#) - KIM rules are extending the KRAD DocumentRuleBase
- [\[KULRICE-8125\]](#) - Permission Lookup by Role Name not working
- [\[KULRICE-8134\]](#) - Investigate NPE in DocumentRuleBase.isDocumentOverviewValid(DocumentRuleBase.java:99)
- [\[KULRICE-8142\]](#) - NPE in MaintenanceDocumentRuleBase.processAddCollectionLineBusinessRules
- [\[KULRICE-8153\]](#) - Permission screen problems entering permission details
- [\[KULRICE-8156\]](#) - KRMSConfigurer needs the ability to specify a datasource
- [\[KULRICE-8161\]](#) - Work Flow Route Rules cancel new yields 404 not found
- [\[KULRICE-8185\]](#) - Opening two docs of the same time at the same time blows up due to ConcurrentModificationException
- [\[KULRICE-8186\]](#) - if principal name is null the Initiator name on doc search results can be incorrect
- [\[KULRICE-8187\]](#) - After Blanket Approve, route header is not saved so the status stays in Exception
- [\[KULRICE-8188\]](#) - Searchable XmlAttribute not working when column visibility set to false; not added to the document search criteria like it should be
- [\[KULRICE-8189\]](#) - Searchable XmlAttribute should be ordered alphabetically
- [\[KULRICE-8193\]](#) - Prevent null pointer exception from being thrown in DocumentSecurityServiceImpl.getDocumentTypeSecurity() if doc type is not found
- [\[KULRICE-8198\]](#) - Wrap all calls to RoleTypeService within a loop with try/catch
- [\[KULRICE-8199\]](#) - Make routing methods in MaintenanceDocumentAuthorizerBase non-final
- [\[KULRICE-8201\]](#) - Group lookup by principal returns groups where member is inactive
- [\[KULRICE-8202\]](#) - Person Inquiry screen hangs indefinitely at times
- [\[KULRICE-8203\]](#) - Doc Search does not clear Document Status
- [\[KULRICE-8204\]](#) - Exception on server side manifests as a security error on the client side of Kuali Rice web services
- [\[KULRICE-8205\]](#) - Rice mailer implementation doesn't handle connecting to a secure mail SMTP server
- [\[KULRICE-8208\]](#) - DeprecatedDocumentTagsTest.testDocTypeSecurityAndResponsibilityAndVisibilityWorkgroupNames rule attribute field does not have the expected visibility expected:<false> but was:<true>
- [\[KULRICE-8209\]](#) - StartBusTest.testStartTheBus java.lang.SecurityException: class "javax.servlet.FilterRegistration"'s signer information does not match signer information of other classes in the same package

- [\[KULRICE-8210\]](#) - Add SocketTimeoutException as a service removal exception in BusClientFailureProxy.java
- [\[KULRICE-8211\]](#) - Potential Issue in BusClientFailoverProxy causing infinite loop
- [\[KULRICE-8212\]](#) - In NoteAction.save, if note id is null need to make sure the note is preserved
- [\[KULRICE-8213\]](#) - Document type individual email preferences are not working
- [\[KULRICE-8218\]](#) - Emails can be sent to secondary approvers even if they should not be based on preferences
- [\[KULRICE-8219\]](#) - Services in KIM referencing KRAD dictionary validation service
- [\[KULRICE-8220\]](#) - BusinessObjectService.getReferenceIfExists should consult BOMetaDataService
- [\[KULRICE-8222\]](#) - Error when inquiring on or attempting to edit user with delegations
- [\[KULRICE-8224\]](#) - prevent null pointer exception during doc simulation
- [\[KULRICE-8227\]](#) - Doc search initiator column doesn't link to person inquiry
- [\[KULRICE-8228\]](#) - Missing ruleTemplate(attr)Id param which broke values on lookup screens
- [\[KULRICE-8230\]](#) - Issue with KimTypeAttributeBo which causes problems initiating documents in bundled environment
- [\[KULRICE-8231\]](#) - typo in the ActionList.jsp which caused the inline action list view to not display properly
- [\[KULRICE-8232\]](#) - Routing & Identity Management Document Type Hierarchy searches are not pre-populating the ruleTemplate name correctly
- [\[KULRICE-8233\]](#) - Super User search failing due to jsp error in SuperUser.jsp
- [\[KULRICE-8236\]](#) - SchemaSpy link in Rice documentation is incorrect
- [\[KULRICE-8241\]](#) - PhoneNumberFormatter should remove all non-numeric from string before formatting
- [\[KULRICE-8249\]](#) - Unable to run simulation for KC documents in some cases
- [\[KULRICE-8250\]](#) - Improve EDocLite Performance
- [\[KULRICE-8254\]](#) - Editing Delegations does not work correctly
- [\[KULRICE-8255\]](#) - Add a check to verify that the email address is not blank before trying to send email -- prevents frequent "Invalid Address in String" error messages
- [\[KULRICE-8256\]](#) - KIM Role Document: stack trace when clicking to sort role members on
- [\[KULRICE-8260\]](#) - Document descriptions have a max length of 40, which does not match length of database field
- [\[KULRICE-8261\]](#) - Error processing for Automatic Refresh Rate and Action List Page Size not working properly for preferences
- [\[KULRICE-8264\]](#) - Groups tab on rule maintenance documents don't have a lookup for groups



- [[KULRICE-8265](#)] - Update EntityDefaultInfoCacheBo builder to deal with entities missing principal names appropriately
- [[KULRICE-8300](#)] - problems with implementation of super user tab
- [[KULRICE-8321](#)] - KualiMaintainableImpl logging can throw NPEs
- [[KULRICE-8334](#)] - Previous route level action is shown on the superuser screen when it is not valid
- [[KULRICE-8335](#)] - Responsibility ID not being treated as string in DocumentRouteHeaderDAOObjImpl
- [[KULRICE-8342](#)] - Person document incorrectly validating "unique" attributes on role memberships
- [[KULRICE-8372](#)] - Null checking needed in RoleServiceImpl.getRoleBoLiteMap()
- [[KULRICE-8373](#)] - Delegation/Role caches not being updated after role document delegation change
- [[KULRICE-8378](#)] - KNS-based maintenance documents are not using KNS Business Rules classes
- [[KULRICE-8395](#)] - RoleServiceImpl.removeDelegateMembers() does not work
- [[KULRICE-8404](#)] - KR-SAP namespace is in the server bootstrap master dataset
- [[KULRICE-8414](#)] - Doc Search sort by numbers(dollar amounts) are not sorting by dollar amount but rather by text number
- [[KULRICE-8449](#)] - Custom Doc Search lookups against Rice BOs are failing

## Improvement

- [[KULRICE-5063](#)] - BusinessObjectService#getReferenceIfExists should consult BOMetaDataService
- [[KULRICE-7454](#)] - decompose ActionListEmailServiceImpl.sendEmail(..)
- [[KULRICE-7483](#)] - make doc search work like other lookups in terms of result limits
- [[KULRICE-7511](#)] - Using max(actn\_itm\_id) for action list caching but the action item id is not guaranteed to be a numeric value
- [[KULRICE-7517](#)] - Improve performance of RoleService by not loading membership information for the RoleBo for nearly every method call
- [[KULRICE-7612](#)] - Update core and location services to not throw exceptions when passed null arguments
- [[KULRICE-7636](#)] - Remove requirement that baseDocumentClass is a superclass of the documentClass
- [[KULRICE-7799](#)] - Create a separate permission for accessing the new super user tab
- [[KULRICE-7802](#)] - KREW\_RTE\_NODE\_CFG\_PARM\_T is selected by a field with no indexes - full table scan every time
- [[KULRICE-8083](#)] - Create permission and derived role used to support the ADHOC complete functionality.
- [[KULRICE-8084](#)] - Create permission and derived role used to support the ADHOC complete functionality.

- [[KULRICE-8332](#)] - Errors on passing a non-OJB-bound object into PersistenceServiceStructureImplBase.getBusinessObjectAttributeClass

## Task

- [[KULRICE-333](#)] - Look into using Maven Archetypes for our rice\_template project (aka createproject.groovy script)
- [[KULRICE-7992](#)] - Fix issues identified by KFS with 2.0 and 2.1 upgrade scripts
- [[KULRICE-8063](#)] - List of IU Rice bug fixes that should be contributed back to Foundation
- [[KULRICE-8075](#)] - fix broken service failover tests in ServiceCallClusterTest.java
- [[KULRICE-8123](#)] - Merge the changes from 2.2 branch to 2.1 branch for the validation.null error on required fields on maintenance documents
- [[KULRICE-8403](#)] - Once KULRICE-8402 is resolved, delete un-needed classes
- [[KULRICE-8422](#)] - Fix upgrade script issue: Update Rice default From email address