



WhereScape RED 10.8.0.0

Release Notes

September, 2026

Table of Contents

IMPROVEMENTS	2
Application Deployment	2
Advanced Connect	2
Scheduler & Job Execution	2
Metadata & Repository Tools	2
Stability & Usability	3
DETAILED CHANGES IN RED 10.8.0.0	4
Improvements	4
Fixes	4
IMPORTANT MESSAGES WHEN UPGRADING	6
Important Messages when upgrading to 10.8.0.0	6
Upgrading RED	6
Upgrading Azkaban	7
Upgrading Scheduler Integration Scripts	10

WhereScape is pleased to announce that WhereScape RED 10.8.0.0 is now available.

This release of RED is compatible with WhereScape 3D 9.0 versions and up.



Note

Before upgrading, review the [Important Messages when Upgrading](#) for more information.

Go to <https://www1.wherescape.com> to see available product versions and release notes for older versions.

Log into the [WhereScape Support Portal](#) to access downloads.

Improvements

Application Deployment

- Deployment Application Identifiers now support up to 64 characters, aligning to RED Project name limits
- Fixed column names longer than 64 characters being truncated during deployment.
- Fixed deployment failures caused by special characters in UI Config fields
- Resolved a deployment issue where 'Existing Dimensions will be - Recreated' setting was not honored and reverted to the default Alter workflow instead.
- 3D-to-RED deployments now correctly honor your configured Insert/Update/Merge procedure defaults

Advanced Connect

- [Bulk Retro-fit](#) is re-enabled and now fully Advanced Connect aware
- Compare Repository now supports entering an ODBC connection string, extending Advanced Connect support
- Legacy Meta Login Method settings no longer block logins made via Advanced Connect

Scheduler & Job Execution

- Smarter [default executor tag](#) assignment for interactively-run loads, preventing jobs from stalling with no matching executor
- Upgrading the Azkaban scheduler now retains the WhereScape work directory when configured
- Scheduled jobs no longer fail when RED `[TABLEOWNER]` tokens reference non-existent tables, instead the token is simply left as is, aligning scheduler behavior with the RED UI

Metadata & Repository Tools

- Generating documentation for all objects no longer hangs on large repositories
- Fixed a metadata error occurring during Compare Metadata Repository

Stability & Usability

- Table properties dialogs open significantly faster on large repositories
- Fixed RedCli routine generation failing on Views
- Fixed a crash when resetting a failed Teradata TPT load
- Duplicating a Host Script now correctly retains its associated connection name

Detailed Changes in RED 10.8.0.0

The following changes have been implemented since 10.7.0.3

Improvements

JIRA	Release Note
RED-12584	Added a new metadata table ws_metadata_locks in preparation for the application deployment locking feature following this release.
RED-12498	Table properties dialogs now open significantly faster — Script and Procedure lists load on demand instead of being pre-populated with every script/procedure in the repository.
RED-12495	The Compare Repository screen now supports entering an ODBC connection string, making it Advanced Connect aware.
RED-12493	Duplicating a Host Script now retains the original script's connection name instead of leaving it blank.
RED-12461	Legacy Meta Login Method settings no longer interfere with logins made via Advanced Connect.
RED-12105	Simplified default scheduler tag assignment for interactively-run processing by adding an 'Interactive Processing' tags setting applied to all interactive jobs and fixed the incorrectly applied default tags for TPT-Script-Loads.
RED-12021	Bulk Retro-fit (Select Source Tables) is now Advanced Connect aware — re-enabling this feature and preventing corruption of the in-memory connection profile.
RED-11971	Increased the Deployment Application Identifier field length to 64 characters (previously 12), matching the maximum Project name length.

Fixes

JIRA	Release Note
RED-12516	Fixed a metadata error referencing a missing "sl_object_sub_type" column during Compare Metadata Repository.
RED-12504	Fixed 3D-to-RED deployments not honoring the "new/changed rows only" defaults from RED Options when generating Insert/Update/Merge procedures.
RED-12497	Fixed Application Deployment failures caused by unescaped single quotes in UI Config field values.

JIRA	Release Note
RED-12494	Scheduled jobs no longer fail when RED [TABLEOWNER] tokens reference non-existent tables, instead the token is simply left as is, aligning scheduler behavior with the RED UI
RED-12481	Fixed column names longer than 64 characters being truncated during deployment.
RED-12476	Fixed the Scheduler installer clearing the configured WhereScape work directory when upgrading an existing Azkaban scheduler.
RED-12412	Fixed generating documentation for all objects hanging indefinitely when a project being documented held more than 5000 objects. The upper limit has been increased to 100,000 objects and now fails gracefully beyond this point.
RED-12366	Resolved a deployment issue where 'Existing Dimensions will be - Recreated' setting was not honored and reverted to the default Alter workflow instead.
RED-12164	Fixed an application crash when selecting "Reset Failed TPT Load" on a Teradata load table.
RED-11758	Fixed RedCli "object generate-routine" failing with a "No default gen spec exists for object type" error when run against Views.

Important Messages When Upgrading

When Upgrading from previous versions of RED, the RED metadata, Azkaban metadata or both may need upgrading. For RED the requirement to upgrade is enforced at login when there is an application version mismatch, but it is best practice to validate and upgrade the metadata after every RED application upgrade. Refer to the [Upgrading WhereScape RED](#) section of the RED User Guide for more details.

If there are important updates to the Azkaban metadata these will be indicated in the important upgrade messages that follow. Refer to the [Upgrading Azkaban](#) section of the RED User Guide for more details.

Important Messages when upgrading to 10.8.0.0



Note

Upgrades are cumulative; therefore you should read all upgrade messages for each version between your current RED version and this version of RED.

Upgrading RED

Versions 10.3.0.0 through to 10.8.0.0

- There are no important messages for upgrading RED to these releases, but please consider the cumulative upgrade messages below when upgrading.

Version 10.2.0.0

10.2 has potentially breaking changes for upgraded repositories; therefore, upgrades should be tested thoroughly before upgrading production environments:

- All ODBC, Database, Extensible Source Connection and Scheduler Configuration credentials have moved to the RED Profile, therefore each user of RED should generate their own local profile file (see the [user guide](#) for details) to continue using RED.
- For new installs, from RED 10.2+, you will find the **wsl_scheduler_profile_maintenance** host script under your Host Script's in your RED metadata repository (see the [user guide](#) for details). For upgraded repositories you will need to load this script into RED manually from `<RED_Installation_Directory>\Administrator\Scripts\wsl_scheduler_profile_maintenance.ps1`
- All Azkaban components require upgrading and the encrypted Scheduler profile records added to `redadmin.ws_scheduler_profile` (see the [user guide](#) for details) in order for jobs to run.

- Post upgrade it is encouraged to remove all credentials from the metadata since these should now reside in the in-memory session level credentials only. Run the following update on the metadata to achieve this:

Remove credentials after upgrade

```
-- Remove credentials from Database, ODBC and Extensible Source connections
UPDATE red.ws_dbc_connect
SET dc_extract_userid='', dc_extract_pwd='', dc_admin_userid='', dc_admin_pwd=''
WHERE dc_type IN ('D','O','Z');

-- Remove credentials from Scheduler Configuration
UPDATE red.ws_wrk_external_scheduler
SET wes_dashboard_userid='', wes_dashboard_pwd='', wes_restapi_userid='',
wes_restapi_pwd='';
```

Version 10.1.0.0

10.1 has potentially breaking changes for upgraded repositories; therefore, upgrades should be tested thoroughly before upgrading production environments. The potential issues after the upgrade are the following:

- Default Routine Template settings might be lost. For object types other than Load and Export these settings have been moved from target connections to the Object Subtypes. During the metadata upgrade process, the first target-enabled connection found is used to populate the new settings under Object Subtypes. If you have multiple target-enabled connections in your repository, the optimal connection may not be used for the settings transfer. Ensure to check the Object Subtypes maintenance wizard after an upgrade to this version and set any missing/incorrect default routine templates as required. Note: this configuration can be exported from test to production once resolved in test.
- [TABLEOWNER] an \$OBJECT\$ token expansion no longer expands empty schemas to an additional '.' in table names. This means from this release onwards you must specify the actual schema name in target location settings when schema is required on your platform. Ensure to check your target location settings for target connections before upgrading and populate the schema field, if required.

Upgrading Azkaban

Upgrading Azkaban on Windows is handled by the RED Scheduler Installer, however upgrading on Linux is a manual process, please refer to the RED User guide for detailed [upgrade instructions](#).

Version 10.8.0.0

- The RED Scheduler Plugin was updated to silently continue when TABLEOWNER tokens can not be resolved bringing it inline with RED and RedCli. Each Azkaban Executor will need to be upgraded if this change is required in your environment.

Version 10.7.0.0

- RED 10.7.0.0 resolves an issue, introduced in 10.5, where the RED Scheduler Plugin was not completely flushing the output stream leading to errors for some python based scripts. Additionally PowerShell scripts on Windows now include a BOM. The Azkaban Web Server and each Azkaban Executor will need to be upgraded to work with this release.

Version 10.6.0.2

- RED 10.6.0.2 added support for Job Success and Failure commands. The Azkaban Web Server and each Azkaban Executor will need to be upgraded to work with this release.



If you had already implemented Success and Failure commands via customizations to the scheduler publish script using Azkaban conditional flow logic then these publish script changes should be reverted and those jobs republished, otherwise Success and Failure command execution may be duplicated.

Version 10.6.0.0

- RED 10.6.0.0 added functionality to enable the new Extensible Authentication fields. The Azkaban Web Server and each Azkaban Executor will need to be upgraded to work with this release.

Version 10.5.0.0

- RED 10.5.0.0 added functionality to remove interactive scheduler jobs after execution. The Azkaban Web Server, each Azkaban Executor and the scheduler integration script `wsl_scheduler_publish` will need to be upgraded to take advantage of this feature.

Version 10.4.0.0

- RED 10.4.0.0 improves logging from metadata connection resilience so that the actual reason given by the driver is logged when reconnecting. Additionally improvements have been made to the RED Job Plugin. The Azkaban Web Server and each Azkaban Executor will need to be upgraded to take advantage of these features.

- RED 10.4.0.1 Minor improvements have been made to the RED Job Plugin. Each Azkaban Executor will need to be upgraded to take advantage of these optional fixes.
- RED 10.4.0.2 Minor improvements have been made to the RED Job Plugin. Each Azkaban Executor will need to be upgraded to take advantage of these optional fixes.

Version 10.3.0.0

- RED 10.3 improves the metadata connection resilience in both the Azkaban Web Server component and RED Job Plugin. Each of the Azkaban metadata, Azkaban Web Server and Azkaban Executors will need to be upgraded to take advantage of these features.

Version 10.2.0.0

- In RED 10.2 Advanced Connect is always enabled and therefore there are new `azkaban.local.properties` fields (and `response.xml` tags) required that support this feature. Any automated installation scripts will need to take into account these new fields. Each of the Azkaban metadata, Azkaban Web Server and Azkaban Executors will need to be upgraded to work with this release.

Azkaban Change history

Change history for Azkaban components requiring upgrades (changes are cumulative):

- 10.8.0.0: RED Scheduler Plugin updated to silently continue when TABLEOWNER tokens can not be resolved bringing it inline with RED and RedCli.
- 10.7.0.0: Resolved an output stream issue with RED Scheduler Plugin and added BOM to Windows PowerShell scripts.
- 10.6.2.0: Added Job Success and Failure command support to the RED Scheduler Plugin.
- 10.6.0.0: Added Extensible Authentication feature affecting the Profile metadata table and script execution.
- 10.5.0.0: Added functionality to remove interactive scheduler jobs after execution.
- 10.4.0.2: SchedulerUtils.jar has a new method that allows running RED script objects standalone.
- 10.4.0.1: Standalone Batch\Unix\Linux script support. Fixes for resolving references to Dim View objects.
- 10.4.0.0: Connection resilience logging improvements. Bug fixes for RED Job Plugin. Component upgrades.
- 10.3.0.0: Azkaban/RED metadata connection resilience improvements. Component upgrades.
- 10.2.0.0: New required fields for `azkaban.local.properties` and installer `response.xml` for Advanced Connect. Stand-alone script execution enhancements.

- 10.1.0.1: Log4j components upgraded to log4j2 to resolve logging issues.
- 10.1.0.0: Improvements when canceling running jobs. Component upgrades.
- 10.0.1.0: Added procedure support and long host names fix.
- 10.0.0.0: First release.

Upgrading Scheduler Integration Scripts

The default scheduler integration scripts are often improved, occasionally these improvements are required to work with a new release. Please refer to the change history below and refer to the RED user guide for detailed [upgrade instructions](#).

Integration Scripts Change History

Change history for integration scripts requiring manual upgrade (changes are cumulative), upgrades are optional unless marked as required:

- 10.7.0.0 - 10.8.0.0: No changes
- 10.6.0.0:
 - wsl_scheduler_profile_maintenance - **Required upgrade** - Added support for new Extensible Authentication fields.
- 10.5.0.0:
 - wsl_scheduler_publish - Added functionality to remove interactive scheduler jobs after execution.
- 10.4.0.0:
 - wsl_scheduler_publish - Fallback to script run directory when WSL_WORKDIR is not set. Cleanse API URL by removing trailing '/' before using it.
 - wsl_scheduler_lookup - Cleanse API URL by removing trailing '/' before using it.
 - wsl_scheduler_profile_maintenance - Added special row for WSL_SCHEDULER_API entry, improved connection ordering in UI.
- 10.3.0.0: No changes
- 10.2.0.0:
 - wsl_scheduler_publish - **Required upgrade** - Advanced Connect feature added.
 - wsl_scheduler_lookup - Added version header and removed unused parameters.
 - wsl_scheduler_dashboard - Added version header and removed unused parameters.
 - wsl_scheduler_profile_maintenance - New script for maintaining the scheduler profile.
- 10.0.0.3: wsl_scheduler_publish - Support for republishing when existing job not found. Improved logging.

- 10.0.0.2: wsl_scheduler_publish - Added support for disabled tasks.
- 10.0.0.0: First release.

Copyright

Copyright © 2026 WhereScape, Inc.. All rights reserved.

This document may be redistributed in its entirety and in this electronic or printed form only without permission; all other uses of this document and the information it contains require the explicit written permission of WhereScape, Inc..

Due to continued product development this information may change without notice. WhereScape, Inc. does not warrant that this document is error-free.

Trademark

WhereScape 3D and WhereScape are trademarks or registered trademarks of WhereScape, Inc.. Other brands or product names are trademarks or registered trademarks of their respective companies.

WhereScape

10801 N Mopac Expressway

Building 1, Suite 100

Austin, Texas 78759

www.wherescape.com