

# Content Services 5.4.0

## Windows Oracle Release Notes

This document contains three topics:

- [“Release Highlights” on page 2](#) describes what is new in CS 5.4.0 or changed since CS 5.3.
- [“Problems Fixed in This Release” on page 4](#) contains a list of the bugs, with Defect numbers included for reference, found in earlier versions of Content Services that have been fixed in CS 5.3.0.
- [“Known Issues” on page 7](#) contains a list of known problems and critical information for CS 5.4.0, with Defect numbers included for reference.

### Revision Log

Date	Revision
3/11/2004	Initial release

## Release Highlights

This topic describes what is new in CS 5.4.0 or changed since CS 5.3.

- **Automatic Management of Storage Repositories:** This enhancement brings automation to CS administration, leading to more effective disk space management and better performance. Administrators can now specify a threshold for the space allocated to, or the number of documents in, a storage repository. Once the maximum limit for the storage space or number of files is reached, the system switches to the specified overflow storage repository and also sends out a notification to the administrators.
- **Bulk Modify Admin Tool.** The Bulk Modify Admin Tool allows administrators to make bulk property changes to multiple CS objects. This tool supplements and streamlines the existing multi-modify functionality in CS Explorer; it provides performance enhancements and overcomes the limitation of modifying only 1000 objects at a time. The bulk modify tasks can be executed either interactively through a GUI or can be scheduled, using the command line interface, to run during off-peak hours.
- **Replication Home Server.** This new feature provides for centralized management of specified replication trees in an administrative replication domain through the domain master (Home Server). Any subfolder or document that is added to a home server enabled replication folder will be sourced on Home Server, regardless of the library system where it was originally added. This functionality also ensures that the deletion of any subfolder/document under the home server enabled replication tree is only possible at the Home Server.
- **Replication Recovery.** The Replication Recovery utility provides a mechanism to re-synchronize a library system participating in Replication Services that has been pushed out of sync. due to a disaster (like failure of a library system's host server) resulting in data loss. Once the affected library system is restored from backup, this utility rolls-forward the library state to synchronize the replicating data with other libraries in the administrative domain. The replicated content - document file content, their property values and security - are updated on the damaged library system based on the current state available on another library system participating in Replication Services.
- **Moving Replicated Folders.** Users are now enabled to perform folder movement operations within the same library, with all the changes reflected correctly in all the replicating libraries.
- **Search Engine Upgraded.** Verity K2 Version 5.0.1, provided by Verity, Inc. replaces Version 4.5.1 for performing content based search in CS libraries.
- **Verity Cluster Support for Solaris 9.0.** Content Services 5.4 is supported on Sun Solaris 9 clusters, through the Veritas Cluster software, in a two-node fail-safe environment.
- **Password Audit Facility.** Changes to a user's password within Content Services are tracked in the CS Audit log.
- **Binary Compatibility for CS Admin APIs.** The CS Admin APIs have been made binary compatible in Content Services 5.4. The version of the APIs released with CS 5.3.0 is not binary compatible, which results in a different CLSID (GUID) for each new build of the DLL. It is now not required to recompile and redistribute custom applications built using the CS Admin API DLL, every time the API undergoes a change.
- **Availability and support for MDAC 2.8.** Content Services 5.4 installs and supports MDAC 2.8.

- **OS Support.** CS 5.4 is also supported/certified on Windows 2003 server.
- **Database Support.** Oracle 9.2 and MS SQL Server 2000 SP3 are the only database versions supported/certified with Content Services 5.4.

## Problems Fixed in This Release

This topic contains a list of the bugs, with Defect numbers included for reference, found in earlier versions of Content Services that have been fixed in CS 5.4.0.

### Installation and Upgrade Problems

**FNDTS00068862** Customers should have the ability to upgrade without having a CS library installed. Customers should be able to install clean database version, restore the CS database and upgrade without first installing the older version of Content Services.

**FNDTS00071799** *dssetup*, on upgrade, reported an inappropriate error if a bad password is supplied for the internal user.

**FNDTS00071862** The windows un-installation program should prompt, when finished uninstalling Verity Content Search server, to reboot the machine.

**FNDTS00073138** Microsoft Cluster install hangs while installing a library if k2admin is already running.

**FNDTS00091859** *setup.inf* must have VerityIndexLanguage parameter set for additional storage manager installs and upgrades. Currently, the VerityIndexLanguage is blank in the setup.inf for additional storage managers (installs and upgrades), which leads to VerityIndexLanguage being blank in the dsconf.ini.

### Configuration and Operation Problems

**FNDTS00038585** Removed SLU Tracking tool due to inaccuracies.

**FNDTS00071349** *dsstrt* has the appearance (from *dsstrt* output) to be trying to start replication even if the Replication Manager start is not requested.

**FNDTS00071831** *Group Defaults* are not required in User Import and should be removed. User import is used for addition of new users/groups. All modifications to the existing objects should be performed using Bulk Modify Admin tool.

### Replication Services Problems

**FNDTS00069910** If you move an older folder inside a younger folder in a replication setup, it is not replicated.

**FNDTS00068799** If you move a source sub-folder from one replicated folder to another replicated folder, the copied sub-folder is not replicated to the new replicated folder.

**FNDTS00070300** If you move, rename or delete a newly added replication folder before it is replicated to other target libraries, it will block the Replication queue.

**FNDTS00070329** The Replication log does not get truncated. With default configuration settings for MaxSize (128K), Truncate To (16K), and When Full (Truncate); the *repl.log* file grows continuously without being truncated.

**FNDTS00071323** Child documents in a compound document should not be replicated, if the child documents are located in a non-replicated folder.

**FNDTS00071791** If a user is sourced on domain member library and present as replica on domain master library, then utility USGRPMIG fails to migrate such user.

**FNDTS00071894** Replica documents are not de-replicated when source folder is deleted from the source library.

**FNDTS00071914** ACLs for all users and groups on the source object are not replicated to the replica object on the target library.

**FNDTS00071915** When a source item version is reclaimed from the archive, all its replicas are marked as *Permanent* even though they are not reclaimed.

## Content Search Problems

**FNDTS00071378** csindex indexes binary files (\*.exe, \*.dll).

**FNDTS00071416** csadmin attempts to start storage manager on a remote node while rebuilding indexes after an upgrade.

**FNDTS00071435** csadmin needs to have a "-ALL" flag so that if you have multiple indexes you can rebuild them without having to be prompted for each one.

**FNDTS00071636** Text search on indexed Arabic PDF documents does not work.

**FNDTS00071872** Increase the length of L\_VERITY\_ADMIN column in LIBRARY table from 32 chars as this is insufficient to hold the fully qualified domain name of the servers.

**FNDTS00071874** When installing additional services the Verity K2 Admin Server needs to be checked to make sure it is installed and running. If the service is stopped, it results in failures later in the install.

**FNDTS00071875** CS installer reports that the Verity K2 Admin service has been started when actually it is not.

## Rendition Services Problems

None

## Admin Tools Problems

**FNDTS00041876** Documents with document-class names of more than 32 characters cannot be checked into a library system via Panagon Web Services. The maximum supported length for the document class has been increased to 156 characters.

**FNDTS00070590** Validating datasheet extremely slow in Bulk Process tool when CVLs with 100+ entries are attached to a property present in the datasheet.

**FNDTS00071571** The DocClass and CVL Administration tool allows importing Document Classes with "\_" underscore character, which is an invalid character in Document Class name.

**FNDTS00071584** If you change the ACLs of the bulk process task, for the logged-in user from Owner to Admin, you will encounter NuMega Error.

**FNDTS00071873** If you assign a CVL to a system level property (e.g. Storage Category), it leads to really strange behavior on the clients when you try to add documents to a Storage Category that has a CVL assigned.

**FNDTS00071891** In CS Explorer Item search results, clicking on Access Control tab produces error #35600.

**FNDTS00071925** Raised the CVL value import limit to 20,000 from the existing 10,000.

## Archive to Image Services Problems

None.

## API Manual Problems

**FNDTS00071598** Identical users/groups can be created in different case, on Oracle library systems.

**FNDTS00071455** CS Admin API - Project should be built with Binary Compatibility, so that the CLSID will not change with every patch/GA release.

**FNDTS00071761** Added the change password activity to audit logging.

**FNDTS00073076** If the communication between a client application and the database server is disrupted, due to a network outage or otherwise, the SPI APIs should return a unique error to the client. Upon receiving the specific error, the client applications, such as IDM Desktop, can either re-create a new session context allowing user to recover or display an error message prompting user to provide user credentials again for login back to CS.

**FNDTS00090914** An error is displayed while trying to save a modified annotation on a document with Oracle CS library.

## Known Issues

This topic contains a list of known problems and critical information for CS 5.4.0, with Defect numbers included for reference. The defects are grouped according to the following categories:

- “Installation and Upgrade Issues” on page 7
- “Configuration and Operations Issues” on page 7
- “Replication Services Issues” on page 7
- “Rendition Services Issues” on page 7
- “Admin Tools Issues” on page 7
- “Archive to Image Services Issues” on page 8
- “API Manual Issues” on page 8

### Installation and Upgrade Issues

**FNDTS00092962** Installs and upgrades fail when you run the installer from a network share.

**FNDTS00090399** When Content Services is installed in a cluster, additional services may not be added that are located outside the cluster. This only happens when installing Content Services in the cluster, and adding additional services to a Content Services system and database located outside the cluster. Installs on a system outside the cluster, adding additional services to a CS install inside the cluster, should not be affected. No errors are returned from the install or from *dsstrt* but the shelf will not start and the only errors are from the *shf.log*.

### Configuration and Operations Issues

None at this time.

### Replication Services Issues

None at this time.

### Rendition Services Issues

**FNDTS00092850** Annotations that you create (via Rendition Services) in an Image Services document stored in a Content Services library system cannot be viewed in a WebDAV folder.

**FNDTS00071743** Rendition Services 5.4.0 does not render PDF documents or add them to the specified location for renditions. The properties in the Publish tab for the source document show that the document is actually in an “in work” state.

### Admin Tools Issues

None at this time.

## Archive to Image Services Issues

None at this time.

## API Manual Issues

None at this time.