



Active Circle

Release Notes

ACTIVE CIRCLE V6.4.0.3

February 2022



INDEX OF FEATURES

1. UPDATE PROCESS.....	3
1.1. VERSION 4.0.2PX.....	3
1.2. VERSION 4.5 UP TO 4.6	3
1.3. VERSION 5.X UP TO 6.2.....	3
1.4. VERSION 6.4.X	3
2. ACTIVE CIRCLE V6.4.0.3 HOTFIX – FEBRUARY 2022	4
2.1. FIXES.....	4
3. ACTIVE CIRCLE V6.4.0.2 HOTFIX – JANUARY 2022	4
3.1. FIXES.....	4
4. ACTIVE CIRCLE V6.4.0.1 – DECEMBER 2021.....	4
4.1. COMPATIBILITY MATRIX	4
4.2. NEW FEATURES AND ENHANCEMENTS	4
4.2.1. Cloud FS provider	4
4.3. FIXES.....	6

1. Update Process

1.1. Version 4.0.2pX



A specific procedure is implemented to update 4.0.2 versions to version 4.6. This is available on the Active Circle help site: <https://activecircle-help.com>.

Since the VFS catalog format has changed, **all** VFS catalog objects must be upgraded before proceeding to upgrade the next node.

1.2. Version 4.5 up to 4.6

The procedure for updating Active Circle to version 6.4 from versions 4.5 up to 4.6, is first to upgrade to version 5.5 using the procedure for a major update and then to upgrade to Active Circle 6.4 using the below procedure.

1.3. Version 5.x up to 6.2

The procedure for updating Active Circle to version 6.4 from versions 5.x up to 6.2 is straightforward and requires no special preparation. It involves updating the binary files on all the nodes in your Circle and restarting the updated nodes.

The procedure is as follows:

1. Copy the **ac-6.4.X.bin** binary file for the new version to all the nodes in the Circle (X is the patch number).
2. Stop the activecircle service on all the nodes in the Circle.
3. On each node, run the setup program with the command: `./ac-6.4.X.bin -r`
4. Start the activecircle service on the first node (the necessary updates are applied during the start-up).
5. Verify that the first node has started correctly.
6. Start the activecircle service on the remaining nodes in the Circle, one at a time.
Verify that the node has started correctly before proceeding to the next one. Synchronization will update the metadata for all the nodes.

1.4. Version 6.4.x

This version is compatible with every 6.4.x, a single node in a 6.4.x circle can be upgraded without stopping all the nodes of the circle.

On the node to upgrade the procedure is the following:

1. Copy the **ac-6.4.X.bin** binary file for the new version to the node to upgrade (X is the patch number).
2. Stop the activecircle service on the node.
3. Run the setup program with the command: `./ac-6.4.X.bin -r`
4. Start the activecircle service on the node.
5. Verify that the node has started correctly.

2. Active Circle V6.4.0.3 HOTFIX – February 2022

SHA256 FOOTPRINT

45c462e4795b70bc05c0dc837f5ee0168092aca1be1fce25dd6fee8eaeb28bca

2.1. Fixes

AC-4548

Optimized sorting for tapes: fix compatibility with acapi plugin

3. Active Circle V6.4.0.2 HOTFIX – January 2022

SHA256 FOOTPRINT

a151f29a2c944ddb5a731184c7c9f530cd200e04bcc7e019a277d6756543574

3.1. Fixes

AC-4474

Fix deadlock when renaming a directory and listing it concurrently.

4. Active Circle V6.4.0.1 – December 2021

This major version of Active Circle provides a new archive on disk feature, that is available through a connector to a CloudFS provider.

This new version is only available for Centos 7.

SHA256 FOOTPRINT

4102a9ff364b99af6414288768826ea80e2e8973477be56e710c5bdf5d7da1a4

4.1. Compatibility matrix

This new version of Active Circle 6.4.0.0 is compatible with the following version of the options:

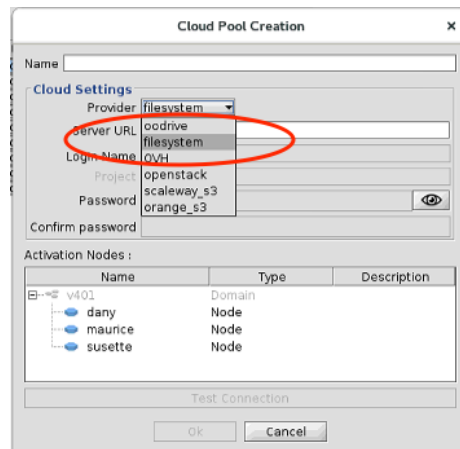
- AMC 6.1
- ADM 1.4.0 in HTTP
- AME 2.3

4.2. New features and enhancements

4.2.1. Cloud FS provider

A new cloud providers accessing a filesystem have been added for cloud archiving. It is available in the providers list when creating an archive cloud pool.

Unused fields “login”, “project” and “password” have been grayed out in the cloud pool creation panel:



The “Server URL” field is used to define the mount point of the volume where the archives will be stored. Mounting this volume must be done by the OS outside of Active Circle. The filesystem can be local, SSHFS, NFS or SMB.

The name of the TAR files created when archiving a share in such a pool will be:

<mount_pt>/<container_name>/ <share>/<year>/<month>/<file.tar>

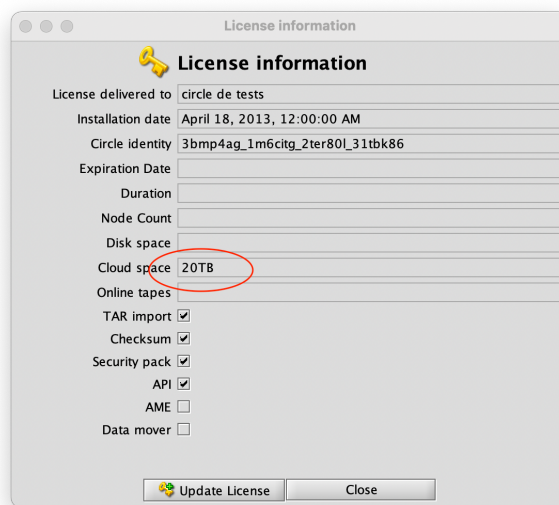
Where

- <mount_pt>** : is the path defined in the creation panel
- <container_name>** : is the name of the cloud container name built with the customer name defined in the licence, cloud pool name and cloud pool id.
- <share>** : is the name of the share being archived
- <year>** : is the current year.
- <month>** : is the current month.
- <file.tar>** : is the tar file name (<date>_<tar_file_nb>_<archive name>.tar)

Example:

/data/circle_de_tests_Cloudfs-3dsvhjp_1v9qj35/share1/2021/12/2021-12-20T093423_350_14_share1#3585.tar

Cloud FS pool creation is controlled by the license cloud space:



4.3. Fixes

AC-4454

Fix deadlock in NFS server when renaming and deleting files concurrently.

AC-4481

Fix integrity check of OVH cloud pool (OpenStack).