

Update Guide

Active Circle Solution Update

Active Circle

Version 4.6.1

Abstract

This document describes the update process for the Active Circle solution.

March 2018 - Rev. 1.2

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Introduction

Active Circle 4.6 is the new foundation of the Active Circle solution. Please refer to the release notes for more details about the latest features of this version. The release notes can be find on the Active Circle Help website: https://activecircle-help.com.

The update is important to stay up to date, enjoy the new features and the latest bug fixes.

Support

Through this process, you can deploy the update yourself.

If you need additional help, a migration assistance service. For more information, contact your Actice Circle sales contact.



Important

To benefit from support assistance, it is required that you first to follow the process outlined below, otherwise a service proposal will be proposed to you.



Note

lf you experiencing problem are doubt during are or а the Active Circle the process, you can contact support team customer-support@active-circle.com.

Identify the components

Active Circle solution can be composed by many components, please identify the ones that you use in order to update your solution:

- Active Circle
- Active Media Connector (AMC)
- Active Media Explorer (AME)
- Active Data Mover (ADM)

Compatibility matrix

The new version of Active Circle is 4.6.1 or higher :

- AMC 4.6.0 or higher is compatible with Active Circle 4.6
- AME 2.2.3 or higher is compatible with AMC 4.6
- ADM 1.4.0 or higher is compatible with AMC 4.6

Recommendations



Important

The process is fully detailed in this document and, is mandatory so don't forget this step. Take your time and read the entire process before starting!



Prepare the binaries

All installation binaries can be downloaded from the Active Circle FTP Server ftp://ftp.activecircle.com:

- For the Active Circle download:
 - /downloads/Binaries/AC/ac-4.6.1.bin
 - /downloads/Tools/Update-4.6/script_update_4.6.zip
- For the AMC download: /downloads/Binaries/AMC/amc-4.6.0.bin
- For the AME download:
 - /downloads/Binaries/AME/ame_package-3.3.3.run
 - /downloads/Binaries/AME/ame-2.2.3.run
- For the ADM download: /downloads/Binaries/ADM/adm-1.4.0.bin

The numbers in *italics* refer to the current version. Replace the values if more recent executables are available.

It is mandatory to use the **root** user to update.

Then, copy the binaries to the nodes and make it executable: chmod +x *.sh *.bin



Active Circle

Prerequisites

Active Circle 4.6 defines a new organization of file location information in archives, involving a significant update of the files and archives of each share.



Important

Please carefully read the entire procedure before implementing.

Choose the right first node

Migrating file location to the archives requires the path of all share files. It is therefore essential to choose a node containing information from all shares. It is therefore essential to choose a node containing information from all shares:

- For circles containing at least 3 nodes, any node in the circle can be chosen.
- For circles containing **more than 3 nodes**, it is imperative that a consolidation node be selected.

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Note

When using a circle with more than 3 nodes, if no particular node is defined as consolidation node, you must choose one. Then give it time to synchronize with all the other nodes to consolidate all the information. This step must be performed at least a few days before updating the circle.



Service interruption during the update

During the update, after first restarting the Active Circle service shares will not be immediately accessible until their metadata has been updated.



Note

The amount of time required for this update is proportional to the number of files and archives.

Depending on your hardware configuration, allow for approximately 1 hour per 100,000 files being updated.



Important

It is essential that you do not start other circle nodes until the shares are all running on the first node.

Sequential updating

To ensure the consistency of metadata across all nodes, you must wait until the end of the node update before updating the next node.

Accessing prohibited files

The use of Active Circle while updating is prohibited:

- Accessing files from the main NAS (SMB, NFS and FTP) is prohibited.
- Using Active Circle interfaces (explorer and administration) are prohibited.
- Using the CLI is also prohibited.

Process

For configurations with tape archiving, please carefully follow the procedure indicated in the following section "Update for configurations with tape archives".

For configurations only containing disk storage, you can go directly to the section "Update for configurations with disks only" for the simplified update procedure.



Update for configurations with tape archives



Note

Use this procedure for configurations with tape archives.

- 1. Identify the circle consolidation nodes to begin updating to begin updating.
- 2. Copy files to all nodes.

The Active Circle binary: ac-4.6.1.bin The update script: script_update_4.6.zip Extract it into: /activecircle/.tools/bin Make it executable: chmod +x /activecircle/.tools/bin/*.sh

3. Disable file server

Launch the Active Circle administration interface.

Go to the "Share" viewing pane and click on "Protocols".

Administration - Active Circle@	Dactive6			- 0	×
Eile Window Administration	Supervision Settings	lelp			
👄 active6 - Edit Parameters				ď	с" 🗵
	Information Edit Paran	eters \Shares \			
5torage	Activate file se	ver 🗹			
Storage	Access timeout (in seco			[-
Policies	Statistics				
🔝 Users	Statistics sampling pe			V	
	CIFS \ FTP \ NFS \				
🖳 Shares	Activate protocol			1	
🗄 🖞 Shares	Bind address			Select	
🗄 🧊 Protocols	Domain name	ctive-Circle			
active5	Server name	CTIVE6			
active6	Server description			1	
iouycircle1 ⊞ s vannes	Broadcast mask	27.255.255.255]	
in • vanies	WINS servers			Modify	
					-
🥖 Advanced			[Apply C	ancel
Unread: 62 Not assigned	: 65 Total: 120		Session opened by 'admin' of	n Node 'activ	/e6' 🔘

For each server, in the "Edit Parameters" tab, click on the "Activate file server" checkbox to disable the file server.

4. Disable storage policies

In the Active Circle administration interface, go to the "Nodes" viewing pane and click on "Circle".





Administration - Active Circ	le@active6		
<u>F</u> ile Wi <u>n</u> dow <u>A</u> dministrati	on <u>S</u> upervision Settings <u>H</u> elp		
- Circle			ಕ ದ
	Nodes \Monitoring Properties \		
Circle	Properties for Nodes and Domains All	-	
🗄 🔫 jouy	Property A	Value	
active5	adminlog.currentSize	1.025	
	archive.checkLocationOnCheckVF5	true	
iouvcircle1	archive.closeTAROnFolderChangeDepth	0	
	archive.dataChangeOnly	true	
	archive.dateFilter		
• vannescircle1	archive.dateFilterBasedOnMtime	false	
🗄 🗢 vannescircle2	archive disable	false	
	archive.disableChecksum	false	
	archive.enableExport	true	
	archive.enableOnDemand	true	
	archive.excludedFiles		
	archive.externalFilterExcludedFiles		
	archive.externalFilterExecutable		
	archive.externalFilterMode	File	
	archive.externalFilterPartialIsNok	false	
	archive.fastTreeWalk	true	
	archive.integrityCheckParallelCount	1	
	archive.integrityCheckPercent	10	
		leataa	
💽 Storage	cos.disableFullProcessing		
-	Indicates if full Storage Policy processing is disabled.		
Policies	Apply immediately.		
and Users			
💭 Shares	Default Value Undo		
Advanced	-	Apply	Undo All
Unread: 62 Not assign	ed : 65 Total: 120	Session opened by 'admir	i' on Node 'artive6'

In "Properties" tab, make this modification:

Disable storage policies to put: cos.disableFullProcessing to true

5. Disable archiving policies

In the Active Circle administration interface, go to the "Advanced" viewing pane and click on "Policy Management".

Administration - Active Circle@a	active6			-		×
Eile Window Administration	<u>Supervision</u> Settings <u>H</u> el	p				
😼 Policy Management						ď 🗵
	Information \Edit Parameters	\Advanced load balancing \				
Storage	Policy Management					
Policies	Processing nodes:					
🔐 Users	 active5 	Name	/jouy	n		
Shares	 active6 jouycircle1 vannescircle1 		/jouy /jouy /vannes			
🖌 Advanced						
Lock Manager						
🖻 🐻 HA Cluster Services						
Outgoing SMTP Server SNMP Target						
_ enn ranger						
	Leader					
	Internal parameters					
	Heartbeat delay (in seconds)	10				
	Maximum silence count	18				
	Port	40,001				
	Authorize restricted mode	•				
Unread: 38 Not assigned	· 41 Total: 47		Session opened by 'admir	o' on Node Van	escircle	-1' (C

For each processing nodes of the "Policy Management", edit:

/activecircle/.localvars

Go to the end of the file and modify CELL_LOCAL_OPT propertie to add:

-Dactivecircle.account.disableCOSProcessing=true

6. Configure the first node

Only on the first node, edit: /activecircle/.localvars

Go to the end of the file and modify the CELL_LOCAL_OPT property to add:

-Dactivecircle.vfs.catalog.firstNodeUpgrade41=true

7. Stop the Active Circle service on all nodes in the circle by ending with the node that will be updated first to ensure that its catalog is up to date.

7



Use the following command:

- CentOS 6: service activecircle stop
- CentOS 7: systemctl stop activecircle
- 8. Save the catalog of each node using this script:

```
./activecircle/.tools/bin/backupNode.sh destination_path
```

9. Install the update on the first node by running the following command:

ac-4.6.1.bin -r -M

- 10. Start the Active Circle service on the node with the following command:
 - CentOS 6: service activecircle start
 - CentOS 7: systemctl start activecircle



Note

The catalog update will be completed once you restart the node and each circle share.

11. Monitor the update progress using this script:

```
./activecircle/.tools/bin/update46Monitor.sh
period_in_minutes
```

The script gives the number of shares being updated, the number of shares completed and the percentage of completion.

For example:

```
[root@ac #]# ./activecircle/.tools/bin/update46Monitor.sh 10
Number of shares: 114
Filtered logs : /var/log/ac/update46_logs_20171215_10h32.txt
CSV file
               : /var/log/ac/update46_monitoring_20171215_10h32.csv
Period
               : 10 minutes
Date
              Total In progress Completed
                                             °
15/12/17 10h42
               114
                            10
                                       0
                                            0%
[...]
17/12/17 2h53
                              1
                                      113 99%
                114
17/12/17 3h03
                                      114 100%
                114
                              0
```



Important

Wait until the end of the update before continuing to the next step.

12. Manual validation

Launch the Active Circle administration interface on the node and verify that:

• All share statues are **In Service** in the "Share" viewing pane, "Protocols", select the node and go to the "Shares" tab.



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active6				ಕ್ ದ್
🗧 Nodes	Information \ Edit Parameters Shares	1		
Storage	Activate Share Deactivate Shares	State		Dellalas meneroment
	Name A	In Service	Active	Policies management Auto
Policies	2 active_support	In Service	Yes	Auto
	- gadbackup	In Service	Yes	Auto
9	2 ane	In Service	Yes	Auto
🔏 Users	2 ame_an_audios	In Service	Yes	Auto
2	ame_an_addios	In Service	Yes	Auto
Shares	2 ame_an_proxy	In Service	Yes	Auto
2	g ame_an_videos	In Service	Yes	Auto
😟 Shares	2 ame_an_videos_mp4	In Service	Yes	Auto
Protocols	2 ame_an_videos_nodal	In Service	Yes	Auto
	ame backup	In Service	Yes	Auto
active5	2 ame_proxy	In Service	Yes	Auto
active6	2 ame_tape	In Service	Yes	Auto
jouvcircle1	2 backup-finance	In Service	Yes	Auto
	2 backup-jouy	In Service	Yes	Auto
🗄 📲 vannes	2 backup-vannes	In Service	Yes	Auto
	2 benchmarks	In Service	No	Auto 🖕
	🧟 cert-europe	In Service	Yes	Auto
	2 cloudarchives	In Service	No	Auto
	🧟 datamover	In Service	Yes	Auto
	🕺 distrib	In Service	No	Auto
	🕺 infogreffe	In Service	Yes	Auto
	😟 iso	In Service	Yes	Auto
	😟 it_test_vm	In Service	Yes	Auto
	😟 logs-clients	In Service	Yes	Auto
	😟 nfs_shared_partition	In Service	Yes	Auto
	😟 partage	In Service	Yes	Auto
	😟 partage_cloud	In Service	Yes	Auto
	🚽 👱 partage_cloud2	In Service	No	Auto
Advanced	😟 partage_cloud3	In Service	No	Auto

• Archives are displayed on the actived share of the node. See it on each share from the "Share" viewing pane, in the "Archives" tab.

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active_support										ಕರ್
Nodes	Information \ Edit Pa	rameters \ Acc	ess Control	Nodes \}	/ersion Manage	ment \0	intas Archives	1		
-	-	rameters (see		, lugares (rerston manage	anene (see				
Storage	Information						Last u	pdate: Janua	y 17, 2018	11:43:17 A
Policies	Archives 50				Archiv	ved files 1	5.948			
R Tolicles	Successful 5					Volume 3	64.09CP			
🕱 Users	Succession 5					volume_5	64.08GB			
M 05015										
Shares	Interrupt Delete				ary Refresh		•			
-	Name	State	Phase	Status	Creation D		Archived Fil	Duration		Not Archive
😟 Shares	Archive:ame#50				December 15			0:00:02:25	36.21MB	1
😪 active_support	Archive:ame#49		-		December 14			0:00:09:54	108.58	1
Protocols	Archive:ame#48		-		November 30		161	0:00:08:08	2.31GB	1
	Archive:ame#47	Successful	-		November 15		730	0:01:48:37	28.85GB	1
	Archive:ame#46		-		November 14			0:10:38:31	OBytes	74
	Archive:ame#45	Interrupted	Writing		November 13		63	0:11:59:21	9.99GB	68 25
	Archive:ame#44		-		November 12		232	0:18:22:25	18.22GB	25
	Archive:ame#43		-		November 11		174	0:14:01:26	17.42GB	48
	Archive:ame#42	Time quot	-	Incompl	November 10	, 2017	16	0:08:27:41	9.85 GB	66
	Archive:ame#41	Time quot	-	Incompl	November 9,	2017 8:	74	0:14:46:22	18.29GB	67
	Archive:ame#40	Time quot	-	Incompl	November 8,	2017 8:	4	0:13:28:10	17.1GB	75
	Archive:ame#39	Time quot	-	Incompl	November 7,	2017 8:	7	0:12:55:51	16.72GB	75
	Archive:ame#38	Interrupted	-	Empty	November 6,	2017 8:	0	0:19:20:26	OBytes	76
	Archive:ame#37	Interrupted	-	Empty	November 5,	2017 8:	0	0:18:39:07	OBytes	76
	Archive:ame#36	Time quot	-	Incompl	November 4,	2017 8:	720	0:17:57:18	9.69GB	76
	Archive:ame#35	Time quot	-	Incompl	November 3,	2017 8:		0:19:58:17	9.99GB	148
	Archive:ame#34	Time quot	-	Incompl	November 2,	2017 8:	841	0:22:07:59	9.99GB	232
	Archive:ame#33		-	Empty	November 1,			0:18:59:43	OBytes	316
	Archive:ame#32	Interrupted		Empty	October 31, 2	017 8:0	0	0:12:13:18	OBytes	316
	Archive:ame#31		-	Incompl	October 30, 2		841	0:08:32:49	9.99GB	316
Q	- (Analy area // 70			00000	0.00000000	A17 7.A	^	0.10.53.55	00	
Advanced							Automotic	🖌 Import 🖌	Export M	On demand

• No supervision notes on un-started shares, indicating corruption.



Note

If you have a problem, please contact Active Circle support team: customer-support@active-circle.com

13. Validate the update progress using this script:

```
./activecircle/.tools/bin/update46Validation.sh
```

This script checks the status of the update, the statistics to give the number of archives and files repaired, the following two possible exceptions CatalogSynchroConnectionServiceNotFoundException and OutOfMemoryError and finally, the number of archive location "repaired".

For example:

```
[root@ac #]# ./activecircle/.tools/bin/update46Validation.sh
Info: number of shares : 114
Info: the node is fully updated
```

Update Guide

Info:	Ν	archive	location(s)	repaired.	See			
		/var/log	g/ac/update46	5_archive_	repaired_	_20171219_	_11h07.	txt



Note

If you have a problem, please contact the Active Circle support team: customer-support@active-circle.com

14. Repeat steps 9 to 13 on the other nodes



Important

The update must be sequential, so update only one node at a time.

- 15. Finalization:
 - Verify all the supervision notes.
 - Activate the file server on the nodes (see step 3).
 - Check the file access.
 - Set the circle property to default: cos.disableFullProcessing = false (see step 4).
 - Delete the system properties: -Dactivecircle.account.disableCOSProcessing=true and -Dactivecircle.vfs.catalog.firstNodeUpgrade41=true (see steps 5 and 6).

Reboot one by one the modified nodes.

16. Congratulations, your circle is now up to date!



Update for configurations with disks only



Important

Only use this procedure for configuration with disks only without tape archives.

- 1. Identify the circle consolidation nodes to begin updating the circle with them.
- 2. Copy files to all nodes.

The Active Circle binary: ac-4.6.1.bin

3. Configure the first node

Only on the first node, edit: /activecircle/.localvars

Go to the end of the file and modify the CELL_LOCAL_OPT property to add:

-Dactivecircle.vfs.catalog.firstNodeUpgrade41=true

4. Stop the Active Circle service on all nodes in the circle by ending with the node that will be updated first to ensure that its catalog is up to date.

Use the following command:

- CentOS 6: service activecircle stop
- CentOS 7: systemctl stop activecircle
- 5. Save the catalog of each node using this script:

```
./activecircle/.tools/bin/backupNode.sh destination_path
```

6. Install the update on the first node by running the following command:

ac-4.6.1.bin -r -M

- 7. Start the Active Circle service on the node with the following command:
 - CentOS 6: service activecircle start
 - CentOS 7: systemctl start activecircle



Note

The catalog update will be completed once you restart the node and each circle share.

8. Manual validation

Launch the Active Circle administration interface on the node and verify that:

• All the shares display the status **In Service** in the "Share" viewing pane, "Protocols", select the node and go to the "Shares" tab.



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Nodes	Information \Edit Parameters Shares	s/		
Storage	Activate Share Deactivate Shares			
Storage	Name 🔺	State	Active	Policies management
-	😟 acapitest	In Service	No	Auto
Policies	😟 active_support	In Service	Yes	Auto
-	– 😟 adbackup	In Service	Yes	Auto
Users	😟 ame	In Service	Yes	Auto
<u>a</u>	👱 ame_an_audios	In Service	Yes	Auto
1	😟 ame_an_backup	In Service	Yes	Auto
Shares	😟 ame_an_proxy	In Service	Yes	Auto
-	👷 ame_an_videos	In Service	Yes	Auto
😟 Shares	🙎 ame_an_videos_mp4	In Service	Yes	Auto
🔋 Protocols	🙎 ame_an_videos_nodal	In Service	Yes	Auto
🖶 📲 jouy	🕺 ame_backup	In Service	Yes	Auto
e active5	😟 ame_backup 😟 ame_proxy	In Service	Yes	Auto
- active6	😟 ame_tape	In Service	Yes	Auto
jouvcircle1	😟 backup-finance	In Service	Yes	Auto
E-* vannes	🙎 backup-jouy	In Service	Yes	Auto
er 🗣 vannes	😟 backup-vannes	In Service	Yes	Auto
	🕺 benchmarks	In Service	No	🕨 Auto 🚖
	😟 cert-europe	In Service	Yes	🕨 Auto 🚖
	😟 cloudarchives	In Service	No	Auto
	😟 datamover	In Service	Yes	Auto
	🙎 distrib	In Service	No	Auto
	오 distrib 오 infogreffe 오 iso 오 it,test_vm	In Service	Yes	Auto
	🕺 iso	In Service	Yes	Auto
	😟 it_test_vm	In Service	Yes	Auto
	😟 logs-clients	In Service	Yes	Auto
	2 nfs_shared_partition	In Service	Yes	Auto
	🔮 partage	In Service	Yes	Auto
	🕺 partage_cloud	In Service	Yes	Auto
	2 partage_cloud2	In Service	No	Auto
Advanced	🕺 partage_cloud3	In Service	No	Auto

• Archives are displayed on the active share node. See it on each share from the "Share" viewing pane, in the "Archives" tab.

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Nodes	Information V Edit Ba	comotors \ Acc	acc Control	Nodor V	Version Management \Qu	untor Archiver	3		
- Houes		ameters (Act	ess control	s / Noues /	reision management / Qu	10(ds Michines	. 1		
Storage						Last u	pdate: Janua	y 17, 2018	11:43:17 A
Johnage	Information								
Policies	Archives 50				Archived files 1	5.948			
Policies	Successful 5				Volume 3				
a	Juccessiul 5				volume 5	04.0008			
了 Users									
					ary Refresh	k			
🚽 Shares	Name	State	Phase	Status	Creation Date 🔻	Archived Fil	Duration	Volume	Not Archive
😟 Shares	Archive:ame#50		- Filase		December 15, 2017		0:00:02:25	36.21MB	1 1
active_support	Archive: ame#49 1				December 14, 2017		0:00:02:25	108.58	1
Protocols	Archive:ame#48		-		November 30, 2017		0:00:08:08	2.31GB	1
	Archive:ame#47		-		November 15, 2017		0:01:48:37	28.85GB	1
	Archive:ame#46		-		November 14, 2017		0:10:38:31	OBytes	74
	Archive:ame#45		Writing		November 13, 2017		0:11:59:21	9.99GB	68
	Archive:ame#44		-		November 12, 2017		0:18:22:25	18.22GB	68 25 48
	Archive:ame#43	Time quot	-	Incompl	November 11, 2017	174	0:14:01:26	17.42GB	48
	Archive:ame#42	Time quot	-	Incompl	November 10, 2017	16	0:08:27:41	9.85 GB	66
	Archive:ame#41	Time quot	-	Incompl	November 9, 2017 8:	74	0:14:46:22	18.29GB	67
	Archive:ame#40	Time quot	-	Incompl	November 8, 2017 8:	4	0:13:28:10	17.1GB	75
	Archive:ame#39	Time quot	-		November 7, 2017 8:		0:12:55:51	16.72GB	75
	的 Archive:ame#38	Interrupted	-	Empty	November 6, 2017 8:	0	0:19:20:26	OBytes	76
	的 Archive:ame#37	Interrupted	-	Empty	November 5, 2017 8:	0	0:18:39:07	OBytes	76
	Archive:ame#36	Time quot	-	Incompl	November 4, 2017 8:	720	0:17:57:18	9.69GB	76
	Archive:ame#35	Time quot	-	Incompl	November 3, 2017 8:	841	0:19:58:17	9.99GB	148
	Archive:ame#34	Time quot	-	Incompl	November 2, 2017 8:	841	0:22:07:59	9.99GB	232
	🗴 Archive:ame#33		-	Empty	November 1, 2017 8:		0:18:59:43	OBytes	316
	的 Archive:ame#32	Interrupted	-	Empty	October 31, 2017 8:0	0	0:12:13:18	OBytes	316
	🔹 Archive: ame#31		-		October 30, 2017 8:0		0:08:32:49	9.99GB	316
			_	Carlot Carlot	American 20 2012 2.0		1.10.53.54	00	100

• No supervision notes on un-started shares, indicating corruption.



Note

If you have a problem, please contact the Active Circle support team: customer-support@active-circle.com

9. Repeat steps 6 to 8 on the other nodes



Important

The update must be sequential, so only update one node at a time.

- 10. Finalization:
 - Verify all the supervision notes.
 - Check the files access.
 - Delete the system properties: -Dactivecircle.vfs.catalog.firstNodeUpgrade41=true (see step 3).



Reboot the modified node.

11. Congratulations, your circle is now up to date!

AMC

Update

The update of the AMC consists of two parts:

- 1. Updating the AMC web application (server)
- 2. Updating the plugin on Active Circle Node (client)

Web Application

The AMC web application is installed in dedicated server or on one of the Active Circle node.



Important

The update operation will likely require the restart of various services.

Check your internet connexion and update the Active Media Connector web application, by running the installation executable with the -w option:

./amc-4.6.0.bin -w

This will update automatically the prerequirements, the web application and theirs configuration files. The existing tomcat, web application and plugin configuration file will not be modified.

```
[...]
Install webapp
Extract current AMC
Copy config file under /etc/ac/acapi-config.groovy
Copy tools...
Restart tomcat
done
```

[OK]

All the logs are store in the file: /var/log/amc_install.log



Plugin

The AMC plugin is installed at least on one of the Active Circle node. To update the AMC plugin, internet connexion is not required, copy the installation executable to the node and run it with the -p option:

./amc-4.6.0.bin -p

This will verify that the Active Circle software is installed on the system and update the plugin and its configuration file.

```
[...]
Install plugin and force loading
AcapiPlugin.groovy
done success
```





Check the configuration

Once the Active Media Connector is updated you must check the configuration. Adapt the default value regardings your configuration.

Access Port

Verify the access port (default: 8081) with the following URL address:

http://apiservername:8081/acapi

The AMC home page should appear as follows:

Figure 1. The AMC Home Page



Credentials

Verify the default credentials (default: admin/1234) and the shares access with the following:

http://apiservername:8081/acapi/1.0/file

Active Circle shares should appear as follows:

```
{
    "self": "http://10.10.50.161:8081/acapi/1.0/file",
    "share": "",
    "path": "",
    "creationDate": "",
    "modificationDate": "",
    "type": "directory",
    "files": [
        "data/",
        "users/"
        "share1/"
    ]
}
```



Nodes

Verify that nodes are registered in the AMC with the following URL address:

http://apiservername:8081/acapi/1.0/node

The nodes should be appear as follows:

```
{
    "self": "http://10.10.50.161:8081/acapi/1.0/node",
    "max": 100,
    "offset": 0,
    "sort": "id",
    "order": "asc",
    "count": 2,
    "size": 2,
    "nodes": [
        {
            "name": "node01",
            "description": "",
            "lastStartingTime": 1511445528493,
            "nodeVersion": "4.6.0_0",
            "hasTapeDrive": true,
            "path": "node01/Local",
            "ipAddresses": [
                 "10.10.50.161"
            ],
            "httpPort": 80,
            "ftpPort": 21,
            "url": "http://10.10.50.161:8081/acapi/1.0/node/node01"
        },
        {
            "name": "node02",
            "description": "",
            "lastStartingTime": 1511446219149,
            "nodeVersion": "4.6.0_0",
            "hasTapeDrive": false,
            "path": "node02/Local",
            "ipAddresses": [
                 "10.10.50.162"
            ],
            "httpPort": 80,
            "ftpPort": 21,
            "url": "http://10.10.50.162:8081/acapi/1.0/node/node02"
        }
    ]
}
```



AME

Update

۲ III

The AME is installed in dedicated server or on one of the Active Circle node.

Note
This update procedure can only be used to update version 1.6 or later of the Active Media Explorer.
Important
It is mandatory to update in stages.
If you have version 1.6 installed, please update in version 2.0 then 2.1 and 2.2. Be sure to use the latest available patch of AME for updating.
Тір

If you have version 1.5 installed, please contact your Active Circle support team.



Follow these steps to install the updated files:

- 1. Verifier qu'il n'y a pas d'activité sur l'AME.
- 2. Stop the AME:

CentOS 6: service ame stop

CentOS 7: systemctl stop ame

3. Run the dependency executable:

```
./ame_package-3.3.3.run
```

This will automatically update the prerequisites and their configuration files. If prompted during the installation, enter "y" and press Enter to confirm.

```
[...]
OS packages for web servers and media management installed
OK exiting
```

This process take at least 20 minutes to complete.

4. Run the installation executable:

if installed version is AME 1.6 start with ./ame-2.0.2.run and then

if installed version is AME 2.0 start with./ame-2.1.7.run and then

if installed version is AME 2.1 start with./ame-2.2.3.run

This will install AME software and deploy automatically database and PHP files. If prompted during the installation, enter "y" and press Enter to confirm.

```
[...]
Active Media Explorer installed successfully
To finish the Active Media Explorer configuration you must:
- Start the AME service, use the following commande:
        service ame start
- Access the web interface using the url:
        http://localhost/
For more information to configure automatic AME start see file: /ame/README
```

- 5. To start the service, type the following command:
 - CentOS 6: service ame start
 - CentOS 7: systemctl start ame

Check the configuration

Verify the update with the following:

http://ameservername

The AME home page should appear as follows:

Figure 2. The AME Home Page

E Active Circle Ac	tive Media Explorer	
	USERNAME	
	Remember me	



ADM

Update

The ADM web application is installed in dedicated server or on one of the Active Circle node.

Important

The update operation will likely require the restart of various services.

Check your internet connexion and update the Active Data Mover web application, by running the installation executable with the -w option:

./adm-1.4.0.bin -w

This will update automatically the prerequirements, the web application and theirs configuration files. The existing tomcat, web application and plugin configuration file will not be modified.

[OK]

```
[...]
Install webapp
Extract current ADM
Configuration
Copy config file under /etc/ac/datamover-config.groovy
Restart tomcat
done
```

All the logs are store in the file: $/\texttt{var/log/adm_install.log}$



Check the configuration

Once the Active Media Connector is updated you must check the configuration. Adapt the default value regardings your configuration.

Access Port

Verify the access port (default: 8081) with the following URL address:

http://admservername:8081/datamover

The ADM home page should appear as follows:

Figure 3. The ADM Home Page

Active Circle	Data Mover 1.4	Browse -		🐣 Login 🗸	Info → 発版 EN →
		ADM	Log in		
	US	ERNAME			
			•••		
	PA	SSWORD			
		Remember me	LOG IN		
	H				



For more information

For additional information, contact your Active Circle representative or send an e-mail to customer-support@active-circle.com.

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