



SAS MOM 6.0 R14 Hot Fix 04 Test Summary Report

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Preface:

The document mentions the Functional Testing activities performed in the release process of the SAS MOM6.0 R14 HotFix04. This report does not contain any information on Performance, Load & Accessibility testing for SAS MOM 6.0R14 HotFix04.

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Created By:

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1. Software Info & Milestone Dates:

1.1 Software Classification:

Name:	SAS Marketing Operations Management (SAS MOM)
Major Version no. :	6.0
Minor Version no. :	14
Version Update no. :	0
Version HotFix no. :	04

1.2 Important Dates:

Test Start Date:	14 th July, 2013
Testing Completion Date:	19 th July, 2013
Release Date:	23 rd July, 2013

2. Testing Highlights:

- Total no. of Iteration Performed : 1
- Total no. of Defects included in 6.0R14HotFix04 : 1
- Total no. of Defects Verified in 6.0R14HotFix04 : 1

2.1. Defect Included in MOM 6.0R14 HotFix04:

No.	Defect ID	Defect Description	Component
1	S0991814	CRP:MountPoint for Lilly was deleted on 10July2013	Infrastructure

3. Test Description:

3.1. Manual Test Description:

1. Verification of defects included in 6.0 R14 HotFix04 is done and impacted areas are tested.
2. All the APIs which were changed to go through central folder deletion code were verified to be working as expected, detailed API List is mentioned below.
3. Marketing Workbench is tested using Lilly Configuration.
4. Deletion of Mount Point and XML Mount Point is tried in Unit Testing through central folder deletion code, which is introduced in ALCommonExtension and found to be not able to delete these folders.
5. ExecuteInDoubtTransactions APIs could not be verified since there is no known functional case which traverses this code path.
6. 6.0 R14 HotFix04 is tested using browser as IE9 (32-bit) only.
7. High Level Testing of following modules is covered to ensure that this fix does not have any impact on other functionalities:
 - a. Artwork Producer
 - b. Calendars
 - c. Dashboard
 - d. DAM
 - e. Marketing Workbench
 - f. Strategic Planner
 - g. Approvals
 - h. Reports
 - i. AdHoc Reports
 - j. Resource Management

- k. Claims Management
 - l. Offer Management
 - m. Timesheets
 - n. Resource Planner
 - o. Schema Designer
 - p. UI Framework
 - q. LeftBar Configuration
 - r. Vendor Management
 - s. User Group Management
8. Verified the XML error, Exception log table, Server Event Viewer log.

3.2. API Changes tested for Central Folder Deletion Change

Index	Project	Location	API	Folder Path in normal cases	Why Delete Folder is called	Tested
1	ArtworkProducer	Services\Engines\ArtworkProducerEngine\ArtworkProducerEngine\Artwork.cs(2461)	CreateArtwork_HTML	MediaProcessor\ArtworkCache\<TenantName>\<ArtworkID>\Output\	To clean up previous outout.	Yes
2	ArtworkProducer	Services\Engines\ArtworkProducerEngine\ArtworkProducerEngine\Artwork.cs(2500)	CreateArtwork_HTML	MediaProcessor\ArtworkCache\<TenantName>\<ArtworkID>\Output\Images\	To clean up previous outout.	Yes
3	ArtworkProducer	Services\Engines\ArtworkProducerEngine\ArtworkProducerEngine\ArtworkProducerCache.cs(287)	CreateCacheForFormat	MediaProcessor\FormatCacheCache\<TenantName>\<FormatID>\Original	To clean up previous format file in case of updating with new format file	Yes
4	ArtworkProducer	Services\Engines\ArtworkProducerEngine\ArtworkProducerEngine\ArtworkProducerCache.cs(464)	CreateCacheForGraphicElement	MediaProcessor\FormatCacheCache\<TenantName>\<FormatID>\GE_<GraphicElementID>\Original	To clean up previous graphic file in case of updating with new file	Yes
5	ArtworkProducer	Services\Engines\ArtworkProducerEngine\ArtworkProducerEngine\ArtworkProducerCache.cs(860)	PrepareArtworkCache	MediaProcessor\ArtworkCache\<TenantName>\<ArtworkID>	API PrepareArtworkCache is used to re create Artwork Cache, so it clean up the cache if it exist.	Yes

6	ArtworkProducer	Services\Engines\ArtworkProducerEngine\ArtworkProducerCache.cs(930)	PrepareFormatCache	MediaProcessor\FormatCacheCache\<TenantName>\<FormatID>\Original	API PrepareFormatCache is used to re create Format Cache, so it clean up the cache if it exist.	Yes
7	ArtworkProducer	Services\Engines\ArtworkProducerEngine\ArtworkProducerCache.cs(1360)	DeleteArtworkCache	MediaProcessor\ArtworkCache\<TenantName>\<ArtworkID>	In case of DeleteArtwork this API gets called to delete cache related to artwork	Yes
8	ArtworkProducer	Services\Engines\ArtworkProducerEngine\ArtworkProducerCache.cs(1391)	DeleteFormatCache	MediaProcessor\FormatCacheCache\<TenantName>\<FormatID>	This API is called from two places. While creating Format if section creation for format fails, it calls delete cache to delete cache. Also in case of delete Format it calls delete cache to remove the cache.	Yes
9	ArtworkProducer	Services\Engines\ArtworkProducerEngine\ArtworkProducerCache.cs(1428)	DeleteGraphicElementFromFormatCache	MediaProcessor\FormatCacheCache\<TenantName>\<FormatID>\GE_<GraphicElementID>	This API is called in case of DeleteGraphic element to clear the cahce related to graphic element	Yes
10	ArtworkProducer	Services\QueueComponents\AL_AP_BatchArtworkGenerator\AL_AP_BatchArtworkGenerator\BatchArtworkGenerator.cs(290)	ProcessJob	MediaProcessor\BatchArtworkJob\<TenantName>\<JobID>	To clean up the processed Job	Yes
11	DAM	Services\Engines\DAMEngine\Vault.cs(316):	CreateVault	Vault Mount point location	We call Delete Folder API from Create vault API in case there are error in creating vault (OM Error)	Yes

12	DAM	Services\Engines\DAEngine\DAEngine\Vault.cs(326):	CreateVault	Vault Mount point location	We call Delete Folder API from Create vault API in case there is an exception while creating vault and Vault mount point is created .	Yes
13	DAM	Services\Engines\DAEngine\DAEngine\Vault.cs(529)	DeleteVault	Vault Mount point location	When Vault is deleted from UI, the vault mount point folder should also get deleted. And we make a recursive call to DeleteFolderAPI to delete all the <Unique ID> folders created inside the vault mount point for catalogged Assets.	Yes
14	DAM	Services\Engines\DAEngine\DAEngine\Vault.cs(825):	UpdateVault	Vault Mount point location	We call DeleteFolder API in case there are any errors while updating vault and only if Mount point is updated.	Yes
15	DAM	Services\Media Processors\AssetProcessor\AssetProcessor.cs(3249)	NTFSJobCleanup	Catalog Jobpath	We delete the catalog job after successful processing of job by Cataloger	Yes
16	DAM	Services\Media Processors\CheckoutProcessor\CheckoutProcessor.cs(1480):	NTFSJobCleanup	Input Folder path for ZIP download c:\Temp\plugin\12345677\INPUT	To cleanup the temporary location after successful creation of ZIP file	Yes

17	DAM	Services\Windows Services\ALTextCataloger\ALTextCataloger\TextCataloger.cs(496)	DeleteFileFromTemporaryLocation	C:\SASMOM60_R14\MountPoint\OB\86581864861375\ACTUALFILE\SPA_Setup.txt.Original.20514857708265.TEXT	This is to cleanup temporary Folder while populating searchable alerts	Yes
18	DAM	Services\Windows Services\Cataloger\CatalogJobProcessor\JobProcessor.cs(736):	NTFSJobCleanup	Catalog Jobpath	To cleanup the temporary location after successful creation of ZIP file	Yes
19	DAM	Services\Windows Services\DAMJobCopy\DAMJobCopy\FWProcessor.cs(622):	NTFSJobCleanup	Job path added in external cataloger mount point	To cleanup the job folder after successful transfer of job to cataloger machine	Yes
20	ProcessManager	<Installation Dir>\Infrastructure\ProcessManager\ProcessManager\ProcessManagerClass_Ext2.cs(267)	ConsolidateDocument	<Installation Dir>\MediaProcessor\<TenantName>\<UniqueID>	Use to delete Files Created for Single file Consolidation	Yes
21	ProcessManager	<Installation Dir>\Infrastructure\ProcessManager\ProcessManager\ProcessManagerClass_Ext6.cs(574)	ConsolidateDocument_MultiFile	<Installation Dir>\MediaProcessor\<TenantName>\<UniqueID>	Use to delete Files Created for Multi file Consolidation	Yes
22	AL_WorkbenchComponent	<Installation Dir>\Services\QueueComponents\AL_WorkbenchComponent\AL_WorkbenchComponent\AL_WorkbenchComponent.cs	ClearWebDAVLocation	<WebDADVFolderPath>\<TenantName>\<ProcessID>	Use to Delete Folder Containing PDF file for WebDav Sharing (Commenting)	Yes
23	AL_WorkbenchComponent	<Installation Dir>\Services\QueueComponents\AL_WorkbenchComponent\AL_WorkbenchComponent\AL_WorkbenchComponent.cs	ClearWebDAVLocation	<WebDADVFolderPath>\<UniqueID>	Use to Delete hash Folder create by WebDav Service after Comments added by the reviewer	Yes

24	Replication Agent	Services\Queue Components\Repl icationAgent\Repli cationAgent\Repli cationAgent.cs(17 4)	updateNTFS		We call this API to delete temporary backed up folder.	Yes
25	Replication Agent	Services\Queue Components\Repl icationAgent\Repli cationAgent\Repli cationAgent.cs(74)	updateNTFS			Yes
26	FileSystem Manager	Infrastructure\File Access Layer\FileSystem Manager\FileSys temManager.cs(5 49)	RollBackOperat ions	[Tenant MountPoint]\SHADOW_ FOLDER\Transaction Id	Clean up of shadow folder	Yes
27	FileSystem Manager	Infrastructure\File Access Layer\FileSystem Manager\FileSys temManager.cs(5 56)	RollBackOperat ions	[Tenant MountPoint]\SHADOW_ FOLDER\Transaction Id	Clean up of shadow folder	Yes
28	FileSystem Manager	Infrastructure\File Access Layer\FileSystem Manager\FileSys temManager.cs(7 55)	CommitOperati ons	[Tenant MountPoint]\SHADOW_ FOLDER\Transaction Id	Clean up of shadow folder	Yes
29	FileSystem Manager	Infrastructure\File Access Layer\FileSystem Manager\FileSys temManager.cs(7 62)	CommitOperati ons	[Tenant MountPoint]\SHADOW_ FOLDER\Transaction Id	Clean up of shadow folder	Yes
30	FileSystem Manager	Infrastructure\File Access Layer\FileSystem Manager\FileSys temManager.cs(9 91)	ExecuteInDoub tTransactions	[Tenant MountPoint]\SHADOW_ FOLDER\Transaction Id	Clean up of shadow folder	No

31	FileSystem Manager	Infrastructure\File Access Layer\FileSystem Manager\FileSystemManager.cs(998)	ExecuteInDoubleTransactions	[Tenant MountPoint]\SHADOW_FOLDER\Transaction Id	Clean up of shadow folder	No
32	WindowsAssetManager	Infrastructure\File Access Layer\WindowsAssetManager\WindowsAssetManager\WindowsFileSystem.cs(316)	DeleteFolder	[Tenant MountPoint]\FOLDER ID	Deleting empty directory	Yes
33	WindowsAssetManager	Infrastructure\File Access Layer\WindowsAssetManager\WindowsAssetManager\WindowsFileSystem.cs(346)	DeleteFolder(String FolderPath, Boolean Recursive)	[Tenant MountPoint]\FOLDER ID		Yes
34	WindowsRemoteAssetManager	Infrastructure\File Access Layer\WindowsRemoteAssetManager\WindowsRemoteAssetManager\WindowsRemoteFileSystem.cs(345)	DeleteFolder(String FolderPath)	[Tenant MountPoint]\FOLDER ID		Yes
35	WindowsRemoteAssetManager	Infrastructure\File Access Layer\WindowsRemoteAssetManager\WindowsRemoteAssetManager\WindowsRemoteFileSystem.cs(380)	DeleteFolder(String FolderPath, Boolean Recursive)	[Tenant MountPoint]\FOLDER ID		Yes
36	WindowsRemoteAssetManager	Infrastructure\File Access Layer\WindowsRemoteAssetManager\WindowsRemoteAssetManager\WindowsRemoteFileSystem.cs(382)	DeleteFolder(String FolderPath, Boolean Recursive)	[Tenant MountPoint]\FOLDER ID		Yes
37	XMLManager	Infrastructure\XMLManager\XMLManager\XMLManager.cs(553)	DeleteXML(String TypeName, ulong ObjectID)	[Tenant XML Mount Point]\Object type\Object Id	Delete XML files for objects	Yes

38	XMLManager	Infrastructure\XMLManager\XMLManager.cs(651)	DeleteXML(String TypeName)	[Tenant XML Mount Point]\Object type\Object Id	Delete XML files for objects	Yes
39	XMLManager	Infrastructure\XMLManager\XMLManager.cs(1353)	CommitOperations(XmlNodeList LogNodes)	[Tenant XML Mount Point]\SHADOW_FOLDER\Transaction Id	Clean up of shadow folder	Yes
40	XMLManager	Infrastructure\XMLManager\XMLManager.cs(1469)	RollBackOperations(XmlNodeList LogNodes)	[Tenant XML Mount Point]\SHADOW_FOLDER\Transaction Id	Clean up of shadow folder	Yes
41	XMLManager	Infrastructure\XMLManager\XMLManager.cs(1583)	ExecuteInDoubtTransactions(XmlNodeList LogNodes, String strInfo)	[Tenant XML Mount Point]\SHADOW_FOLDER\Transaction Id	Clean up of shadow folder	No
42	MissingFile Utility	InstallationFolder\MFRU	Shadow Folder Cleanup	<Installation Directory>\<Mountpoint>\SHADOW_FOLDER\<FolderID>\<FileID>	To clean up shadow folder files and folders that are older than the buffer days	Yes
43	SessionManager	Infrastructure\SessionManager\SessionManager\SessionManagerClass.cs	SignOut	Temp\<SessionID>	To clean up the temp folder	Yes

3.3. Installation Test Description:

No Installation is required as it is a manual file replacement on top of 6.0R14HF3. Six - machine setup is used for this testing.

4. Recommendation:

The SAS MOM 6.0 R14 HotFix04 can be released for general availability.

5. References & Credits:

5.1. References:

1. 60R14_Hotfix04.xlsx
2. MOM 6.0 R 14 Hotfix 4.docx

5.2. Credits (MOM Testing Team):

1. Khalid Karim – Senior Manager – Testing, STG
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