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| SAS® Marketing Operations ManagementMOM 6.0 R 14 Hotfix 4 |

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The correct bibliographic citation for this manual is as follows: SAS Institute Inc. 2013. *SAS® SolutionName: DocumentTitle***.** Cary, NC: SAS Institute Inc.

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SAS Institute Inc., SAS Campus Drive, Cary, North Carolina 27513.

July 2013

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Preface

Purpose

This document has the instructions for applying Hotfix 4 on MOM 6.0 R 14 installation + 6.0 R14 Hotfix 3.

Who Should Read This Document

This document should be read by the person installing the Hotfix.

# chapter_topMOM 6.0 R 14 Hotfix 4

## Pre-requisite

The hotfix has been released for the MOM 6.0 R 14. This version is required to be installed on the servers. The MOM 6.0 R 14 Hotfix 3 to be applied on this installation.

***Note:* *Hotfix 3 should be applied before applying fixes from Hotfix 4 (follow MOM 6.0 R 14 Hotfix 3.docx).***

## Hotfix Content

The files for the hotfix are arranged in a hierarchy based on the components. There is a folder for each component – example, App Server, Web Server, Cataloger, etc.

There is a hierarchy under the components based on the deployment hierarchy. The files to be replaced on the target machine are in the respective locations.

***Note:*** *If there is any customization / configuration done for the customer, then the code / XML files will have to be merged and then updated for the respective tenant.*

## Deployment Hierarchy

The following folders are present for the Hotfix. Each folder has the files corresponding to the component.



## Database Scripts

The database scripts are to be executed using SQL Server for each tenant. There is a ‘Database Scripts’ folder, which has the SQL Server script – ‘R14\_Hotfix4\_Script.sql’.

## Applying the Fix

* ***Hotfix 3 should be applied before applying fixes from Hotfix 4 (follow MOM 6.0 R 14 Hotfix 3.docx).***
* Copying the files:

Download the Hotfix 4 folder on a server.

On each of the component servers, copy the folder from the Hotfix 4 hierarchy.

Replace the files in the installation directory from the corresponding component folder in the hotfix.

The files present under the Client Template folder, are to be replaced in the client template hierarchy, and also for each tenant.

***Note***:

* Stop SAS MOM Services and IIS before replacing the files.
* On Media server machine copy ALXMLLibrary.dll from “<InstallationDir>\Binaries” to “<InstallationDir>\ALMediaServices\Bin”

* Copying files under the Tenant Mount Point folder into a system folder

For each tenant follow the steps mentioned below:

Step 1: Traverse the Mount Point folder on the App Server.

Step 2: Check if there are any files present directly under the Mount Point Folder.

Step 3: If there are files then create a folder SYSYTEM\_MOUNT\_POINT under the Mount Point.

Step 4: Copy all the files that are present directly under the Mount Point folder into the SYSYTEM\_MOUNT\_POINT folder.

* Adding ALInfrastructureWS.asmx URL in exe.config files:

Following files need to be modified manually:

* PluginService.exe.config
* DashboardService.exe.config
* ALCleanup.exe.config
* ReplicationAgent.exe.config

All the above files are under <Installation Dir>\Binaries folder. Check on all the servers and if the above listed files are found then modify it as mentioned below:

Step 1: Open the file in the notepad.

Step 2: Under the <configuration> node find the <appSettings> node. Under this <appSettings> node add the following node <add key="ALInfrastructureWS" value="http://<Web Service Machine IP Address>/ALServices/ALInfrastructureWS.asmx"/>

Step 3: In the Url replace the <Web Service Machine IP Address> with IP Address of the Web Service machine.

* Configuring **AvoidFolderDeletion.xml** on all the machines

Purpose:

Custom folder paths that should not be allowed to be deleted through code can be added in this file.

For the child folders configured in this XML, are allowed to be deleted or not can also be configured.

All the folders on the server that are not allowed to be deleted should be added in this XML. This file will have all the paths local to this server. UNC paths can be specified in this XML also. For example: Folder which is not allowed to be deleted can be on a shared location, in this case the UNC path can be added.

Explicit handling for the MountPoint and the XML MountPoint folders are added in the code and hence these paths should not be configured in the XML.

Deployment Location:

AvoidFolderDeletion.xml is deployed in <InstallationDir>\Binaries folder on all the servers (App Server, Web Server, Cataloger Server, etc). This file will not have any folder entries by default.

File Structure:

<AvoidFolderDeletion>

 <Folder Path="C:\SASMOM\_R14\Folder1" AllowChildDeletion="false"></Folder>

 <Folder Path="C:\SASMOM\_R14\Folder2" AllowChildDeletion="true"></Folder>

 <Folder Path="\\crmvm15m\Folder3" AllowChildDeletion="true"></Folder>

<Folder Path="\\198.23.33.26\Folder4" AllowChildDeletion="false"></Folder>

</AvoidFolderDeletion>

All the custom folders that should not be allowed to be deleted should be defined with the Path attribute for the Folder node.

For every path if the child folders are not allowed to be deleted then “false” should be set as value for the AllowChildDeletion attribute.

Adding entry for SHADOW\_FOLDER in **AvoidFolderDeletion.xml** on the App Server:

Following entry needs to be added in AvoidFolderDeletion.xml on the App Server. This entry will not allow the deletion of the SHADOW\_FOLDER under the XML Mount Point but allow deletion of the child folders under SHADOW\_FOLDER.

Step 1: Open the AvoidFolderDeletion.xml from <Installation Dir>\Binaries folder on the App Server.

Step 2: Add the <Folder/> node under the <AvoidFolderDeletion> node.

Step 3: Add Path attribute for the Folder node and the value should be the

<XML Mount Point>\ SHADOW\_FOLDER path of the Tenant.

Step 4: Add AllowChildDeletion attribute for the Folder node and the value should be set to true.

Step 5: Follow Step 2 to Step 4 for all the Tenants.

# Appendix

## List of Fixes

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