# Fix Console Lite Expired Updates Script

## Summary

When the SCCM Console Lite Deployments are created automatically, they have the automatic expiration option enabled. Since we do not want these deployments to expire we are implementing an MS Orchestrator RunBook to disable the Automatic Expiration option on all deployments targeted to collection within the SCCM folder called “Automated Deployments – Console Lite”

**Solution Process**

The RunBook with execute PowerShell code to do the following

* Identify all collections within the collection folder named “Automated Deployments – Console Lite”
* Identify all deployments targeted to those collections
* If the deployment has the Automatic Expiration option enabled then disable the option and save the changes to the deployment
* Log all changes and program logic to a log file in C:\Temp on the server it is executed on

## Business Case

This automated process eliminates the need to manually watch and remediate Console Lite deployments that become expired and will save approximately ½ hour of resource time per weekday

## Systems Impacted

SCCM 2012 PreProduction and Production

## Service Impact Assessment

* What is the business impact?
  + No business impact is expected
* Where is the business/end users located?
  + The SCCM data will be corrected for all Console Lite deployments with the Automatic Expiration option enabled
* Where is the location of activity (where the CI's are located)?
  + This will be executed from a RunBook server affecting data in both the SCCM 2012 PREPROD & PROD environments
* What is the scheduling and length of the actual outage/performance degradation?
  + There will be no outage and the RunBook will be scheduled to run daily in the morning
* Is the appropriate communications planned before a change will be implemented (Business/Accenture/etc.)?
  + This will be communicated to the SCCM Global Administrators prior to implementation
* Is the appropriate communications planned after a change is completed (Business/Accenture/etc.)?
  + The change will be announced at the at the weekly SCCM Distribution Project meeting
* Does this change have a GxP impact and if yes is Quality aware of the change?
  + There is no expected GxP impact with this change
* What are the dependencies for this change?
  + Functioning MS Orchestrator environment with credentials supplied to SCCM 2012
* Can the change lead to possible collisions?
  + We do not know of any other changes that this will interfere with
* Does the change have transversal impact?
  + Unknown
* Has the change been successfully tested in a DEV/Test environment
  + The change has been developed and tested in the SCCM 2012 PRE2PROD. A peer reviewed execution of this change was conducted

### Pre-Execution Test Plan

Execute this test in the SCCM 2012 PREPROD environment before execution of the PowerShell script.

Identify any Console Lite Expired Updates and save a copy of the data for Pre-Execution evidence  
  
**SCCM 2012 Prod, use this report**  
<http://xspw10w201w/Reports/Pages/Report.aspx?ItemPath=%2fEnterprise%2fDevelopment%2fConsole+Lite+-+Check+for+Expired+Deployments>

**SCCM 2012 PreProd use this SQL query**

*select ai.CollectionId, ai.CollectionName, ai.AdvertisementName*

*from v\_AdvertisementInfo ai*

*join foldermembers fm on ai.CollectionID=fm.InstanceKey and fm.ContainerNodeID= 84*

*where ai.ExpirationTime<Getdate() and (ai.Timeflags & 2)=2*

*order by ai.CollectionName*

**SCCM 2012 Pre2Prod use this SQL query**

*select ai.CollectionId, ai.CollectionName, ai.AdvertisementName*

*from v\_AdvertisementInfo ai join foldermembers fm on ai.CollectionID=fm.InstanceKey and fm.ContainerNodeID= 549*

*where ai.ExpirationTime<Getdate() and (ai.Timeflags & 2)=2*

*order by ai.CollectionName*

### Post-Execution Test Plan

Execute this test in the SCCM 2012 PREPROD environment after execution of the PowerShell script. It has already been tested in PRE2PROD

1. Identify any Console Lite Expired Updates and save a copy of the data for Post-Execution evidence  
     
   **SCCM 2012 Prod, use this report**  
   <http://xspw10w201w/Reports/Pages/Report.aspx?ItemPath=%2fEnterprise%2fDevelopment%2fConsole+Lite+-+Check+for+Expired+Deployments>

**SCCM 2012 PreProd use this SQL query**

*select ai.CollectionId, ai.CollectionName, ai.AdvertisementName*

*from v\_AdvertisementInfo ai*

*join foldermembers fm on ai.CollectionID=fm.InstanceKey and fm.ContainerNodeID= 84*

*where ai.ExpirationTime<Getdate() and (ai.Timeflags & 2)=2*

*order by ai.CollectionName*

**SCCM 2012 Pre2Prod use this SQL query**

*select ai.CollectionId, ai.CollectionName, ai.AdvertisementName*

*from v\_AdvertisementInfo ai join foldermembers fm on ai.CollectionID=fm.InstanceKey and fm.ContainerNodeID= 549*

*where ai.ExpirationTime<Getdate() and (ai.Timeflags & 2)=2*

*order by ai.CollectionName*

1. Save a copy of the C:\Temp\FixConsoleLiteExpiredUpdates.log as evidence

|  |  |  |  |
| --- | --- | --- | --- |
| Test | Expected Results | Actual Results | Initials Pass/Fail |
| Collect Pre-Execution data for expired Console Lite Updates showing at least one deployment is expired | Data is saved and shows at least 1 deployment is expired |  |  |
| Collect Post-Execution data for expired Console Lite Updates showing there are no longer any expired updates | Data is saved and shows that there are no Console Lite deployments which are expired |  |  |
| Log file is created and saved as evidence | Log file is created and saved as evidence |  |  |

## Communication Plan

Notify the SCCM Global Administrators of the intended change and its execution. Notify the SCCM Distribution Project meeting members.

## Detailed Implementation (Installation) Plan

1. Copy the PowerShell Script from [\\XSNW10S629K\d$\PowerShell\_Tasks\FixConsoleLiteExpiredUpdates](file://XSNW10S629K/d$/PowerShell_Tasks/FixConsoleLiteExpiredUpdates) to the   
   D:\ PowerShell\_Tasks\FixConsoleLiteExpiredUpdates folder on the SCCM CAS.
2. Import the Scheduled Task named FixConsoleLiteExpiredUpdates from \\XSNW10S629K\d$\PowerShell\_Tasks\FixConsoleLiteExpiredUpdates\FixConsoleLiteEAxpiredUpdates.xml into the Task Scheduler of the CAS and supply the svc\_SCRB\_<Env> account and password information
3. Execute the schedule task named FixConsoleLiteExpiredUpdates

### Back Out Plan

1. Stop the Scheduled task from automatic execution.