Abstract

This document covers major issues faced during upgrade to SP 2013 from previous version of SharePoint and it also provides typical resolution/workaround followed to overcome the issues and complete the upgrade process.

Upgrade issues

SP 2013 Upgrade - Issues and Resolutions

Based on our experience in large migration engagements, we have documented some of the frequently occurring issues and possible resolution. There are around 10+ common issues which occurs in typical on-prem / online migration scenarios.

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| **Scenario: 1** |
| **Scenario Title** | Large List View |
| **Scenario Description** | If a list is very large, and users use a view or perform a query that exceeds the limit or throttling threshold, the view or query will not be permitted. You can create indexed columns with filtered views, organize items into folders, set an item limit on the page for a large view, or use an external list. |
| **Category** | General – List |
| **Observation/Issue** | Issue |
| **Cause** | The view on a large list is not working any longer – due to throttling threshold. |
| **Scope (items)** | N/A |
| **Affected Users** | All users |
| **Solution** | Create indexed columns with filtered views, organize items into folders, set an item limit on the page for a large view, or use an external list. |
| **External References** | <http://technet.microsoft.com/en-us/library/jj219648.aspx> |

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| **Scenario: 2** |
| **Scenario Title** | Search Scopes and Search Center Configurations |
| **Scenario Description** | As part of Custom master pages, we have configured Search box and scopes in SP 2010 and this will not work properly. |
| **Category** | Branding, Search |
| **Observation/Issue** | Issue |
| **Cause / Reason** | All the Search Scopes you have created will be brought over to ensure a successful migration but you can no longer create them. And editing them won’t be so evident. |
| **Scope (items)** | N/A |
| **Affected Users** | All users |
| **Solution** | Scopes needs to be recreated as “Result sources” in SP 2013. |
| **External References** |  |

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| **Scenario: 3** |
| **Scenario Title** | Authentication Mode |
| **Scenario Description** | In SP 2010, all the web applications were created with Classic Mode authentication. As part of the SP 2013 Upgrade process we have created corresponding web application with classic mode in SP 2013 and which is not recommended. |
| **Category** | Authentication |
| **Observation/Issue** | Issue |
| **Cause** | SharePoint 2013 Architecture change |
| **Scope (items)** | N/A |
| **Affected Users** | All users |
| **Solution** | We have two options:1. On SharePoint 2010 farm (source environment itself), migrate from Classic to Claims and then continue with upgrade process
2. Create web application with classic mode in SharePoint 2013 farm and migrate to claims, after upgrade process.
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| **External References** | <http://sharepointconnoisseur.blogspot.in/2012/11/sharepoint-2013-upgrade-preparation-to.html> |

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| **Scenario: 4** |
| **Scenario Title** | OOTB “**In Progress**” workflow tasks  |
| **Scenario Description** | Running workflow instances, during database backup process will not work after restoring it. Every workflow task has a reference to its workflow definition. When there is an in-progress workflow and its tasks, the Workflow definition file of the original Out of the Box workflows is replaced with new ones if we upgrade the farm or Site Collection. This makes the tasks of the previous version of Out of the Box workflows lose the reference to their workflow definition and get into locked state when a task assigned is attempted for an update (to make an action like “Approve” or “Reject”). |
| **Category** | General – Workflow |
| **Observation/Issue** | Issue |
| **Cause** | Limitation of Database attach process |
| **Scope (items)** | N/A |
| **Affected Users** | Target Audience |
| **Solution** | Complete all “In Progress” workflows before the upgrade or “terminate this workflow now” menu in workflow status page shown below, which will also remove all the locked tasks related to that workflow. |
| **External References** | <http://sharepointconnoisseur.blogspot.in/2012/08/major-sharepoint-2013-upgrade-issues.html> |

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| **Scenario: 5** |
| **Scenario Title** | Un-editable Managed metadata data columns |
| **Scenario Description** | Both Global and local term managed metadata columns will not work properly, after upgrade process. This is expected since we have this [issue](http://sharepointconnoisseur.blogspot.com/2012/06/normal-0-false-false-false-en-us-zh-cn.html)on SharePoint 2010, after the content migration from one farm to another. |
| **Category** | Limitation of Database attach process |
| **Observation/Issue** | Issue |
| **Cause** | The main reason for this issue is broken managed metadata column relationship, because of GUID Changes.  |
| **Scope (items)** | All list and Document libraries, where managed metadata columns were used. |
| **Affected Users** | All users |
| **Solution** | Custom Code – through PHA or through powershell scripts to reconfigure the broken metadata column relationships. |
| **External References** | <http://sharepointconnoisseur.blogspot.in/2012/08/major-sharepoint-2013-upgrade-issues.html><http://sharepointconnoisseur.blogspot.in/2012/06/migrate-sharepoint-2010-content-with.html?search=SharePoint+2013+Upgrade#uds-search-results> |

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| **Scenario: 6** |
| **Scenario Title** | SharePoint 2013 Site templates and features - Deprecated |
| **Scenario Description** | Sites which are created using below templates will not work properly after upgrade.Following site templates are not supported in SharePoint 2013,1. Document Workspace
2. Meeting Workspace
3. Personalization
 |
| **Category** | General |
| **Observation/Issue** | Issue |
| **Cause** | Limitation of Database attach process |
| **Scope (items)** | N/A |
| **Affected Users** | All users |
| **Solution** | N/A |
| **External References** | <http://office.microsoft.com/en-in/sharepoint-help/discontinued-features-and-modified-functionality-in-microsoft-sharepoint-2013-HA102892827.aspx> |

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| **Scenario: 7** |
| **Scenario Title** | SharePoint 2013 features/Functionalities - Deprecated |
| **Scenario Description** | Following features/functionalities are not supported in SharePoint 2013,1. Web Analytics
2. Visual Upgrade
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| **Category** | General |
| **Observation/Issue** | Issue |
| **Cause** | Limitation of Database attach process |
| **Scope (items)** | N/A |
| **Affected Users** | All users |
| **Solution** | N/A |
| **External References** | <http://office.microsoft.com/en-in/sharepoint-help/discontinued-features-and-modified-functionality-in-microsoft-sharepoint-2013-HA102892827.aspx> |

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| **Scenario: 8** |
| **Scenario Title** | SharePoint Lists Templates - Deprecated |
| **Scenario Description** | Following site templates are not supported in SharePoint 2013,1. Slide Library
2. Project Tasks
3. Status List
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| **Category** | General |
| **Observation/Issue** | Issue |
| **Cause** | Limitation of Database attach process |
| **Scope (items)** | N/A |
| **Affected Users** | All users |
| **Solution** | N/A |
| **External References** | <http://office.microsoft.com/en-in/sharepoint-help/discontinued-features-and-modified-functionality-in-microsoft-sharepoint-2013-HA102892827.aspx> |

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| **Scenario: 9** |
| **Scenario Title** | Email enabled lists  |
| **Scenario Description** | In SharePoint 2010, We can configure a SharePoint list with incoming email support. After the upgrade process, these lists won’t work properly with respect to email support. |
| **Category** | General |
| **Observation/Issue** | Issue |
| **Cause** | Limitations of Database attach process - In Database upgrade process, we never upgrade “Configuration database” and the email enabled list configuration is inside configuration database. |
| **Scope (items)** | N/A |
| **Affected Users** | All users |
| **Solution** | Copy **EmailEnabledLists** from 2010 configuration database to 2013 configuration database. |
| **External References** | <http://sharepointconnoisseur.blogspot.in/2012/08/major-sharepoint-2013-upgrade-issues.html> |

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| **Scenario: 10** |
| **Scenario Title** | Workflows Web Analytics Reports and Web Analytics Alerts  |
| **Scenario Description** | In SharePoint 2010, we can configure a Web Analytics Reports and Alerts Workflow at Site Collection level. The Reports Workflow will email an excel file with a status report on the items you select.The Alerts Workflow will email you an alert when a certain condition has been fulfilled (i.e.- page views greater than 5,000)These workflows are no longer available in SP2013 as OOTB feature. |
| **Category** | General - Workflow |
| **Observation/Issue** | Issue |
| **Cause** | SharePoint 2013 Architecture change |
| **Scope (items)** | N/A |
| **Affected Users** | All users |
| **Solution** | Reconfigure the web analytics again but the workflow will not be available |
| **External References** | http://www.collabshow.com/2013/05/23/sharepoint-2013-analytics-a-big-step-backward/ |

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| **Scenario: 11** |
| **Scenario Title** | Hidden Web parts in pages  |
| **Scenario Description** | In SharePoint 2010, We can configure Webparts to be hidden. After the upgrade process, these Webparts which are to be hidden are displayed. |
| **Category** | General |
| **Observation/Issue** | Issue |
| **Cause** | Configuration error  |
| **Scope (items)** | N/A |
| **Affected Users** | All users |
| **Solution** | Delete the webpart and reconfigure it again |
| **External References** |  |

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| **Scenario: 12** |
| **Scenario Title** | Error in Report Viewer Webpart  |
| **Scenario Description** | In SharePoint 2010, We can configure Report Viewer Webpart. After the upgrade process, these Webparts are not rendered properly and produce error. |
| **Category** | General |
| **Observation/Issue** | Issue |
| **Cause** | Configuration error  |
| **Scope (items)** | N/A |
| **Affected Users** | All users |
| **Solution** | Install Reporting Services Add-in for SharePoint (**rsSharePoint.msi)** and Configure Reporting Services In Central Administration. |
| **External References** | <http://www.microsoft.com/en-us/download/confirmation.aspx?id=35583> |