**Document Generation Process**

**Step 1:**

**Post call :** [**http://localhost:8081/api/v1/Document/GenerateDocument**](http://localhost:8081/api/v1/Document/GenerateDocument)

**Step 2:**

**Log Information:**

Step1\_ log :”Start the Generating Document Process”

Step2\_ log : “Start the Object Create Process”

**Step 3:**

**Documents Service:**

Step3\_ log :"Set the Aspose Words License"

Step4\_ log : "Set the Aspose Pdf License"

**Exception log:**

Information :"Set the Aspose License. Exception: " + ex.Message

**Step 4:**

Step5 \_log :”Start the Object Create Process HttpResponseMessage”

Step6 \_log : "Start the Object Create Process DocumentHelper"

Step7\_ log : "Start the Object Create Process DocumentGenerationRequest"

Step8\_ log : "End the Object Create Process"

Step9 \_log : “Start parse the request Json”

Step10 \_log : "Start Deserialize the request Json String"

Step11 \_log : "End Deserialize the request Json String"

**Exception log:**

Information: "One of the document property is missed in docgen request json, Cannot proceed generating the document."

**Exception log:**

Information : "Invalid Document Status passed in the docgen request. Allowed values are :"

**Step 5:**

**DocumentDuplicateName**

Step12\_ log : **"http://10.238.3.137:8080/search/content?q=TYPE:\"document\" AND=docName:\"13280-test1\" AND =documentFormat:\"PDF\""**

**Exception log:**

Information :”Duplicate docnames found {0} while processing the json, Cannot proceed generating the document.", duplicationDocObjectList[0].docName

Step13 \_log :"End parses the request Json"

**Exception log:**

Information :"Json parameter value is null"

**Step 6:**

**CreateOrGetDocAndSetInProgress**

Step14\_ log :[**http:// 10.238.3.137:8080/cm/documents**](http://10.238.2.96:8080/cm/documents)

Step15\_ log : [**http://10.238.3.137:8080/cm/checkout?objectType=documents&objectId=d4e4cc20-3dda-40c7-84e9-884d52b7e60d**](http://10.238.3.137:8080/cm/checkout?objectType=documents&objectId=d4e4cc20-3dda-40c7-84e9-884d52b7e60d)

**Step 7:**

**GenerateDocument**

Step16\_ log :"Start the Document Service Process"

Step17 \_log :"Start the Loading Plan Details Process"

Step18\_log :"Loading {0} id [{1}]: {2} ", dataSource.SourceType, dataSource.SourceIndicator, dataSource.ID

**Plan Details**

Step19\_log :""Start the Loading Plan Details Process"

Step20\_ log : [**http:// 10.238.3.137:8080/ppm/plans/ab3d80b6-a762-404b-813d-55cd3a0e788f?associationExpansionLevel=2&derivedFields=costShareStrings**](http://10.238.2.96:8080/ppm/plans/ab3d80b6-a762-404b-813d-55cd3a0e788f?associationExpansionLevel=2&derivedFields=costShareStrings)

Step21 \_log : "End the Loading Plan Details Process"

**templateMetadata**

Step22\_ log : **"http:// 10.238.3.137:8080/search/content?q=TYPE:\"template\" AND objectId:\"690f1e67-3030-4c96-b08f-30ad3e8f0ea5\"&rows=1&properties=lastModificationDate&sort=lastModificationDate+desc"**

Step23\_ log : [**http:// 10.238.3.137:8080/cm/uniqueId**](http://10.238.2.96:8080/cm/uniqueId)

**Exception log:**

Information :"Tracking ID is Missing. Exception: " + ex.Message

Step24\_ log : "Document Metadata Created"

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| --- | --- |
| GEN/SOB | SBC |
| Step25\_ log : "Start Generating Document ---" | "Start Generating SBC Document ---" |
| Step26\_ log :  **"http:// 10.238.3.137:8080/search/content?q=TYPE:\"contentRule\" OR TYPE:\"booleanExpression\"&rows=1&properties=lastModificationDate&sort=lastModificationDate+ desc"** | |

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| Step27\_ log : "API Rule List Loaded" | "API Rule List Loaded" |
| Step28\_ log : "API Data Field List Loaded" | "API Data Field List Loaded" |
| Step29\_ log : "Applying Show Rule On Repeater..." | "Applying Show Rule On Repeater..." |
| Step30\_ log : “Applying Boolean Expression”: | “Applying Boolean Expression”: |
| Step31\_ log : “Expression”: | “Expression”: |
| Step32\_ log : http:// 10.238.8.73/mm/api/v1/ShortNameDictionaries/ShortNamesDetails | |
| Step33\_ log : "http://**10.238.3.137**:8080/search/content?q=TYPE:\"contentRule\" OR TYPE:\"booleanExpression\"&rows=1&properties=lastModificationDate&sort=lastModificationDate+ desc" | |
| Step34\_ log : http://**10.238.3.137**:8080/cm/types/plan | |
| Step35\_ log : Expression Execution of: | Expression Execution of: |
| Step36\_ log : Expression: | Expression: |
| Step37\_ log : Applying Show Rule Completed | Applying Show Rule Completed: |
| Step38\_ log : Smart Template Processing | Smart Template Processing: |
| Step39\_ log : "Applying Rules---." | "Applying Rules---." |
| Step40\_ log : "Applying Mapping Rule..." | "Applying Mapping Rule..." |
| Step41\_ log : [**http://10.238.8.73/mm/api/v1/ShortNameDictionaries/ShortNamesDetails**](http://10.238.8.73/mm/api/v1/ShortNameDictionaries/ShortNamesDetails)**"** | |

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| Step42\_ log : "Applying Mapping Rule Completed." | "Applying Mapping Rule Completed." |
| Step43\_ log : “Applying FindReplace Rule” | “Applying FindReplace Rule” |
| Step44\_ log : “Applying Find/Replace Rule name” | “Applying Find/Replace Rule name” |
| Step45\_ log : “Applying FindReplace Rule Completed” | “Applying FindReplace Rule Completed” |

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| Step46\_ log : "Rules have been applied to the document." | "Rules have been applied to the document." |
| Step47\_ log : | **http://** **10.238.8.73/mm/api/v1/SBCCalculatorService/GenerateCalculatorResults"** |
| Step48\_ log : [**http://10.238.2.96:8080/cm/documents**](http://10.238.2.96:8080/cm/documents) | |
| Step49\_ log : [**http://10.238.3.137:8080/cm/globalSetting/globalSetting**](http://10.238.3.137:8080/cm/globalSetting/globalSetting) | |

**Step 8:**

**FileUpload**

**Exception log:**

Information :"Perform File Upload Failed:"

**Step 9:**

**CreateDocumentSources**

Step50\_log : [**http:// 10.238.3.137:8080/cm/documentSources**](http://10.238.2.96:8080/cm/documentSources)

Step51\_log : [**http:// 10.238.3.137:8080/cm/documentSources/f6b66d6d-7b6b-41ff-9694-44106ce2b4f7/dataSource/ab3d80b6-a762-404b-813d-55cd3a0e788f**](http://10.238.2.96:8080/cm/documentSources/f6b66d6d-7b6b-41ff-9694-44106ce2b4f7/dataSource/ab3d80b6-a762-404b-813d-55cd3a0e788f)

**Exception log:**

Information :"Unable to create association between documentSource {0} and dataSource {1}, data source type is {2}. Exception: {3}", docSourceId, dataSourceId, dataSourceType, aExceptionData.ErrorMessage

**Step 10:**

**CreateDocumentAssociations**

Step52\_log : [**http:// 10.238.3.137:8080/cm/documents/30ecb733-f0a0-46cb-9032-252912c621ac/associations/**](http://10.238.2.96:8080/cm/documents/30ecb733-f0a0-46cb-9032-252912c621ac/associations/)

Step53\_log : "Document association created successfully DocumentID" + documentId

Step54\_log : [**http:// 10.238.3.137:8080/cm/checkin?objectType=documents&objectId=30ecb733-f0a0-46cb-9032-252912c621ac**](http://10.238.2.96:8080/cm/checkin?objectType=documents&objectId=30ecb733-f0a0-46cb-9032-252912c621ac)

Step55\_log :[**http:// 10.238.3.137:8080/cm/notifications**](http://10.238.2.96:8080/cm/notifications)

Step56\_log :"Document notifications Created successfully and uploaded with ObjectId:

" + docGenRequest.DupObjectid

Step57\_log :""Document uploaded successfilly: ID: " + docId + " Doc Type: " + docType +

" Doc Name: " + returnedDoc.Value

Step58\_log :"""Document Association Created and document uploaded with Id: " + docId