**TECHNICAL DESIGN DOCUMENT**

**Last Claim Worked AND Last Modified By On Vendor Record**

**07/17/2019**

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1. Document Information:

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| --- | --- |
| Document Name | **Automated Bill Payments** |
| Document Author | **Anusha Meka** |
| Document Version | 1.0 |
| Document Status | Active |
| Date Released | 7/17/2019 |

1. **Functional Overview:**
2. Set last modified custom field with the last modified customer.
3. Set Last Claim Worked custom field with the vendor last bill date (vendor latest bill date).

**Flow Chart:**

*No flowchats*

1. **Integration involved:**

*NetSuite to Salesforce Integration.*

*Process Name in Boomi : NetSuite to Salesforce.*

1. **Detailed Logic Flow:**

Set custom field values in Vendor Record in NetSuite to integrate with Salesforce.

1. The “Last Modified Bill” custom field is used in the “NetSuite to Salesforce” Integration in Dell Boomi.

Dell boomi process quires NetSuite with “Last Modified By not equal to Meka, Anusha (For Example)”. This avoids looping in both process (NetSuite to Salesforce, Salesforce to NetSuite).

1. The Last Claim Worked value is sent to Salesforce through “NetSuite to Salesforce” process in boomi.

The map/reduce([MAP]Last Claim Worked) script is scheduled daily once. When all vendor custom fields update, value is sent to Salesforce.

**General Technical Specification:**

* 1. **Custom Fields:**

*Instructions: Provide the custom field details used if any*

|  |  |  |
| --- | --- | --- |
| **Field Name** | | **Field ID** |
| LAST CLAIM WORKED | | custentity\_last\_claim\_worked |
| [Record](javascript:void(%22help%22)) Last modified by | custentityrecord\_last\_modified\_by | |

* 1. **Custom record:**

*Instructions: Provide the custom record details used if any*

|  |  |  |
| --- | --- | --- |
| **Record Type Name** | | **Record Type ID** |
|  |  | |

* 1. **Fee Schedule:**

|  |  |
| --- | --- |
| **Fee Schedule** | **Fee Schedule ID** |

* 1. **Item:**

|  |  |
| --- | --- |
| **Item** | **Item ID** |

* 1. **Custom Lists:**

|  |  |
| --- | --- |
| **List** | **List ID** |
|  |  |

* 1. **Saved Search:**

*No Saved searches involved*

|  |  |
| --- | --- |
| **Save Search Name** | **Save Search ID** |
|  |  |

* 1. **Scripts Used:**

*Instructions: Provide the scripting details used if any*

|  |  |  |
| --- | --- | --- |
| **Script Type** | **Script Name** | **Script ID** |
| User Event | [UES]LastModifiedBy1\_0 | customscript\_last\_modified\_by1\_0 |
| Map/Reduce | [MAP]Last Claim Worked | customscript\_map\_last\_claim\_worked |

* 1. **Role:**

|  |  |
| --- | --- |
| **Name** | **Name ID** |
|  |  |

* 1. **Workflows Used:**

*Instructions: Provide the Workflow details used if any*

|  |  |
| --- | --- |
| **Script Name** | **Script ID** |
|  |  |

* 1. **Templates Used:**

*No templates used*

|  |  |  |  |
| --- | --- | --- | --- |
| **Template Name** | **ScriptID** | **Record** | **Purpose** |
|  |  |  |  |

## Script and Function Details (post development):

* **Script Type 1:** User Event Version 1\_0
* **Record Type:** Vendor
* **Event Type:** befoeSubmit
* **Detailed logic flow:**

1. Get the context and if context == ‘edit’ or context == ‘xedit’, set the “last modified field” as below shown logic.
2. Get the user and execution context using

var user = nlapiGetUser();

var context = nlapiGetContext();

executioncontext = context.getExecutionContext();

1. Get the username and dell boomi user name using

var username = nlapiLookupField('employee',user,'entityid');

var dellboomi = nlapiLookupField('employee',22943,'entityid');

1. Now if execution context is mapreduce then set the field as shown below:

if(executioncontext == 'mapreduce'){

nlapiSetFieldValue('custentityrecord\_last\_modified\_by',dellboomi);

}

1. Else set the value to the corresponding user:

nlapiSetFieldValue('custentityrecord\_last\_modified\_by',username);

* **Script Type 1:** Map/Reduce
* **Record Type:** --Schedule--
* **Event Type:** Schedule
* **Detailed logic flow:**

1. Search for the vendor with his/her latest bill using below search in the “getInput” state:

return search.create({ //var vendorSearchObj =

type: "vendor",

filters:

[

["formuladate: DECODE({transaction.type}, 'Bill', {transaction.trandate})","onorafter","yesterday"]

// ["internalid","anyof","1771"]

],

columns:

[

search.createColumn({name: "internalid",

summary: "GROUP",

label: "Internal ID"}),

search.createColumn({

name: "entityid",

summary: "GROUP",

sort: search.Sort.ASC,

label: "Name"

}),

search.createColumn({

name: "formuladatetime",

summary: "MAX",

formula: "DECODE({transaction.type}, 'Bill', {transaction.trandate})",

label: "Formula (Date)"

})

]

});

1. Now get the values from the context using:

var rowJson =JSON.parse(context.value);

var adjusterId = rowJson.values['GROUP(internalid)'].value;

var adjusterName= rowJson.values['GROUP(entityid)'];

var adjusterDate = rowJson.values['MAX(formuladatetime)'];

1. If adjusterDate is not null, parse the date using:

var tempVar = adjusterDate.split(' ');

var formattedadjusterDate = tempVar[0]

var parsedSampleDate = format.parse({value: formattedadjusterDate,type: format.Type.DATE});

1. Now save the date to the custom field using:

var vendorRecordId = record.submitFields({type: record.Type.VENDOR,id: adjusterId,

values: { custentity\_last\_claim\_worked: parsedSampleDate},

options: {enableSourcing: false,ignoreMandatoryFields : true}

});

Post Deployment Activities:

*No post deployment activities*

|  |  |
| --- | --- |
| **Script Name** | **Activity** |
|  |  |
|  |  |

1. **Document Change history:**

|  |  |  |  |
| --- | --- | --- | --- |
| Author | **Version** | **Date** | **Description of Changes** |
| Anusha Meka | 1.0 | 01/03/2018 | Document Created |
| Anusha Meka | 1.1 | 11/04/2019 | Added to filter: ["formuladate: DECODE({transaction.type}, 'Bill', {transaction.trandate})","onorafter","yesterday"] |
|  |  |  |  |