Switching Currency

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This process is a Data Migration

Realised that our base currency should be USD instead of CAD.

Only been live for 6 months and wanted to fix base currency without losing the history or any of the transactions recorded in the past six months

Typical approach is only move over balances and lose all history. This was not acceptable to us.

Repeatable Solution

By using SQL tool as shown at our last meeting, we could determine all transaction types being used in our instance

select distinct type from transaction

This quickly tells us what transactions that need to be migrated.

Process is split between posting and non posting transactions.

We are using this process to also deal with ownership changes within the group of subsidiaries.

Sequence of events is important

Challenge was whether to rely on internal ID or transaction date.

It depends on the transaction type itself!

Payment Applications and/or Credits issued – rely on transaction date as subsequent transactions can be back dated!

Other Fixes as a result of migration

We had accrued liability account that was set up as a payables account. This just complicated our aged payables reporting.

So we had a mapping document to change those account codes.

We proved that we could do updates to journal lines without having to re-load the entire transaction, unlike CSV updates.

Preparations required

- What workflows are active?
  - Migrate approved transactions whilst workflows are off whereas pending transactions must be migrated when workflows are activated.
- Was advance receiving/shipping on since Go Live – or turned on during the year? That impacts how we migrate the transactions
- Consider departed employees
- Any inactive accounts, vendors and/or customers?
- When new subsidiary created – need to create vendor subsidiary relationships and customer subsidiary relationships.

Multiple Phases, Flexible to change

Migrate process

- Purchase Orders and/or Sales Orders
- Item receipts and item fulfillments
- Vendor bills, sales invoices, and journals
- Vendor credits and customer credits – as need the prior step done first
- Vendor payments and customer deposits/payments

Must consider reattaching messages and documents to all transactions

Process

- A suiteScript handles all suiteQL access as well as the get, create, transform and update actions required.

- Transaction ids (as well as recordType and status) are fetched in the order they should be migrated in.

- Each transaction type has specific mapping logic
  - It is read from Netsuite
  - Eligibility logic is applied (status!='V') depending on the recordType
  - Clone logic – how is the original changed for the new subsidiary
  - Record is created
  - The newly created ID stored (oldID, newID) for subsequent use
    - - e.g. a vendorbill created from a PO needs to know the id of the new PO in the target sub)
  - Any further updates applied (tax totals may need subsequent transaction)

Mapping Examples

:	Field	Op	Exp	Cond	Types
value: fields					
	subsidiary	lookup	sub		
	customform	set	121		vendorbill
	account	lookup	account		
	custbody4	set	true		
	undepfunds	set	false		
	custbody_approver	use	custbody_creator		
	tosubsidiary	lookup	sub		
	department	lookup	department	flag:Dept	purchaseorder
value: line					
	duetofromsubsidiary	lookup	sub		
	linesubsidiary	lookup	sub		
	account	lookup	account		
	entity	lookup	entity		journalentry,advintercompanyjournalentry

:	from	to	
lookup: account			
	3268	5004	
	4138	5003	
lookup:item			
	744	1427	
	823	1428	
	833	1224	
	842	1218	
	1186	742	

Any questions?