Org to Org Migration

All together the commands are

# Source Org

vlocity -propertyfile build\_source.properties -job EPC.yaml cleanOrgData

vlocity -propertyfile build\_target.properties -job Platform.yaml packUpdateSettings

vlocity -propertyfile build\_source.properties -job EPC.yaml packExport

vlocity -propertyfile build\_source.properties -job EPC.yaml packRetry # If any errors

# Target Org

vlocity -propertyfile build\_target.properties -job Platform.yaml validateLocalData

vlocity -propertyfile build\_target.properties -job Platform.yaml validateLocalData –fixLocalGlobalKey #if any error encounters

vlocity -propertyfile build\_target.properties -job EPC.yaml cleanOrgData

vlocity -propertyfile build\_target.properties -job Platform.yaml packUpdateSettings

vlocity -propertyfile build\_target.properties -job EPC.yaml packDeploy

vlocity -propertyfile build\_target.properties -job EPC.yaml packRetry # If any errors

Explanation of the above mentioned commands

1. Create Property Files for each Org. build\_source.properties and build\_target.properties
2. Create a Job File which identifies your projectPath and the queries for the DataPack Types you would like to export. To export the Vlocity Product Catalog, use the following Platform.yaml file:

projectPath: vlocity

queries:

- OmniScript

- IntegrationProcedure

- DataRaptor

- VlocityUILayout

- VlocityUITemplate

1. Ensure High Data Quality in the Source Org by running:  
   vlocity -propertyfile build\_source.properties -job Platform.yaml cleanOrgData
2. Run the Export:  
   vlocity -propertyfile build\_source.properties -job Platform.yaml packExport

Settings will automatically be deployed if it is the first time you are deploying to this org. This will take 30 seconds and will only need to be rerun when the settings change.

1. If you encounter any Errors during Export please evaluate their importance. Any error during export points to potential errors during deploy. Once errors are fixed, run the following to re-export any failed data:  
   vlocity -propertyfile build\_source.properties -job Platform.yaml packRetry  
   If your Export fails midway through due to connection issues, you can also use the following to pick the export back up where it left off:  
   vlocity -propertyfile build\_source.properties -job Platform.yaml packContinue
2. Check the Exported Data for Potential Issues:  
   vlocity -propertyfile build\_source.properties -job Platform.yaml validateLocalData  
   This will give a summary of Duplicate and Missing Global Keys. Use the argument --fixLocalGlobalKeys to automatically add missing and change duplicate keys. However it is generally better to fix the data in the Org itself.
3. Ensure High Data Quality in the Target Org by running:  
   vlocity -propertyfile build\_target.properties -job Platform.yaml cleanOrgData
4. Update the DataPack Settings in the Target Org:  
   vlocity -propertyfile build\_target.properties -job Platform.yaml packUpdateSettings
5. Run the deploy:  
   vlocity -propertyfile build\_target.properties -job Platform.yaml packDeploy
6. If you encounter any Errors during deploy they must be fixed. But first, evaluate whether the error has been mitigated by later uploads of missing data. Run:  
   vlocity -propertyfile build\_target.properties -job Platform.yaml packRetry  
   Which will retry the failed DataPacks, often fixing errors due to issues in the order of deploy or Salesforce Governor limits. packRetry should be run until the error count stops going down after each run.

Error And their Possible Solutions

Some errors are related to potential data quality issues:

1. Product2/adac7afa-f741-80dd-9a69-f8a5aa61eb56 >> IPhone Charger - Error - Product you are trying to add is missing a Pricebook Entry in pricebook >>2018 Pricebook<< Please add product to pricebook and try again

Sol- Deactivate the Shown PriceBook from the target org, Remove the Pricebook2 folder from the extracted file and then deploy the components, and then activate the pricebook in the target orgs

This error is generally caused by a cascading failure and can also be solved by deploying the listed pricebook on its own with the command:

vlocity packDeploy -manifest '["Pricebook2/2018 Pricebook"]'

1. Multiple Imported Records will incorrectly create the same Salesforce Record

Catalog/Data – Datapack >> Data – Error Message – Incorrect Import Data. Multiple Imported Records will incorrectly create the same Salesforce Record. vlocity\_cmt\_\_CatalogProductRelationship\_\_c: 20MB Plan

Sol – open the developer console, then open anonymous window and execute the below command and execute it, in both source and target orgs

Select id, name, CreatedDate, CreatedBy.name from vlocity\_cmt\_\_AttributeAssignment\_\_c where Createdby.name = 'user name'

After executing the above command take the fresh extract from source org and then proceed with the deployment

1. ObjectClass/fc5f00-d70b7c-cdda65-a758aa-ac39f4f8d -- DataPack >> Hours -- Error Message -- This DataPack has a reference to another object which was not found -- vlocity\_cmt\_\_Attribute\_\_c/ATTR\_Hours

Sol- this error can also be resolved by above solution

1. AttributeCategory/ACAT\_GI -- DataPack >> General Information -- Error Message -- Picklist must be selected for Picklist and Multi Picklist type attributes.

Sol- This error arises if there are some attributes which is of picklist data type but not picklist/multi-picklist is assigned to it, then you have to delete such attributes from the source org and do the fresh extract again and then re-deploy it