## Clone Manual Values

We have identified a group of items that are currently not included in an automated population pipeline or procedure. For these manual entries, we have created a csv file that contains these keyvault items. Additionally, we have created a PowerShell script that consumes this csv and clone these items from a source to destination keyvault.

* Step Details:
  + Csv File Name: VaultClone\_Step1\_CoreValues.csv
  + PowerShell script: CopyParseKeyValues\_BetweenKeyVaults.ps1  
    -CSV\_File, -Source\_KeyVaultName, -Destination\_KeyVaultName
* Script Actions:
  + If item not found in source keyvault, it is not cloned.
  + If item not found in destination keyvault, it is inserted.
  + If item found in destination keyvault, is updated if value is different.

## Clone Tenant Values That Have a Pattern

We have identified a group of tenant items that have a naming pattern where item names can be mapped and retrieved for a specific tenantId. Using this information, we created two csv files. The first csv file contains the list of tenantIds whose keyvault items we want cloned to the destination keyvault. The second csv file contains list of tenant related template names with the formula where to map the tenantId. Additionally, we have created a PowerShell script that will consume the csv files and clone these items from a source to destination keyvault.

* Step Details:
  + Csv Tenant File Name: VaultClone\_Step2\_TenantIds.csv
  + Csv Mapping File Name: VaultClone\_Step2\_TenantTemplateNames.csv
  + PowerShell script: CopyTenantKeyValues\_BetweenKeyVaults.ps1  
    -CsvFile\_TenantIds, -CsvFile\_KvTenantTemplateNames  
    -Source\_KeyVaultName, -Destination\_KeyVaultName
* Script Actions:
  + Compiles list of tenant-related key vault items that need to be processed.
  + If item not found in source keyvault, it is not cloned.
  + If item not found in destination keyvault, it is inserted.
  + If item found in destination keyvault, is updated if value is different.

## Clone Cosmos Connection String Tenant Values

Since the tenant cosmos connection string items does not include the tenantId in its name, we need to use a different approach to clone these items. The short-term solution is to clone all the cosmos connection strings, regardless if the tenant has not subscribed to the DR cloning option. To perform this step, we created a PowerShell that will clone all items that matches a wildcard string in the source keyvault.

* Step Details:
  + Wildcard Value: 'cosmos-cosmosconnection\*'
  + Powershell script: CopyWildcardKeyValues\_BetweenKeyVaults.ps1  
    -MatchString, -Source\_KeyVaultName, -Destination\_KeyVaultName
* Script Actions:
  + If item not found in destination keyvault, it is inserted.
  + If item found in destination keyvault, is updated if value is different.