

## Gold Client Upgrade Testing Strategy

When customers upgrade Gold Client to a newer release/version in their relevant systems, Qlik strongly recommends adequate validation and testing be performed during the upgrade process. Thorough testing in lower (DEV/QA) environments protects against unexpected results and impacts to Production Gold Client activities. Because copying data is the most important function of Gold Client, upgrade testing should focus primarily on the export and import processes. Both Client Construct and Data Snap should be included in the testing, and this document includes specific steps related to each of those Gold Client functions. Any additional testing is up to the customer's discretion.

Once the upgrade transport(s) has been applied to a system, Qlik recommends you first run the Setup Confirmation utility to check the various configurations located here: /n/HTG/ZGOLD -> Configuration; then Administration -> Installation/Setup -> Setup Confirmation (Fig. 1.0). The expected result would be that all configuration items have a positive (green) status with the exception of 'Consolidation Route' which can be ignored (Fig. 1.1). If the results are positive, then proceed with the two tests listed below; however, if issues exist, they should be resolved first. Contact Qlik support if needed.

Figure 1.0

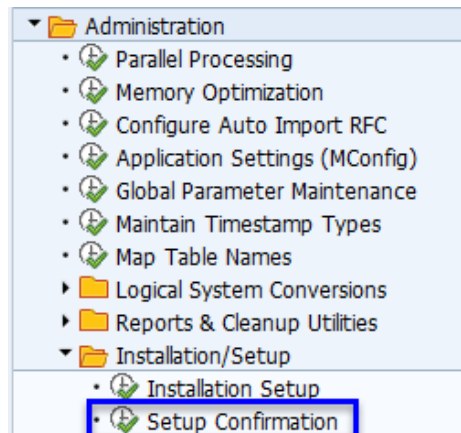


Figure 1.1

Configuration checklist		
Configuration Name	Stat...	Message
Consolidation Route	●○○	No consolidation route exists.
Write to File	○○■	CONFIG_TEST file was succesfully written.
Read From File	○○■	Succesfully read the file.
Authorization to ZGOLD	○○■	Authorization check passed.
Client Construct Config	○○■	Client Construct Config exists in the current system.
Data Echo Config	○○■	Data Echo Config exists in the current system.

Testing should begin in the system where the upgrade transport(s) is initially applied (typically DEV). This can be achieved by running an export from the respective client followed by an import into a different client in this same system or back into the same client where the export was executed (i.e., in case of a single-client system).

If the test results in DEV are positive, the transport(s) should be promoted to QA and tested further by executing these same tests but this time by exporting from a QA client and importing into a DEV client. If the results are positive, then freely promote the transport(s) to PRD.

Follow the steps below to execute the two recommended tests.

### Test #1: Client Construct

1. Go to t-code /n/HTG/ZGOLD and select the **Client Exporter** function
  - a. Ensure that the 'Direct Export' option is selected
  - b. Choose the 'Select Data Type(s)' radio button
  - c. Input data type GOLD CLIENT ALL CONFIGURATION
  - d. Select 'Execute in Foreground' (Fig. 2.0)
  - e. The process should complete and produce an output similar to this image (Fig. 2.1)

The screenshot shows the 'Client Exporter' dialog box in SAP. It has a title bar 'Client Exporter' and a toolbar with icons for 'Execute in Foreground', 'Schedule Job', 'Import Options', and 'Data Transfer'. The 'Execute in Foreground' button is highlighted with a blue box and a blue circle labeled 'd'. Below the toolbar is the 'Select Processing Method' section with three radio buttons: 'Transport Request', 'R3Trans Method', and 'Direct Export'. The 'Direct Export' button is highlighted with a blue box and a blue circle labeled 'a'. Below that is the 'Export Scope' section with a checked checkbox for 'Master Data'. Below that is the 'Selection Criteria' section with two radio buttons: 'All Master Data Type' and 'Select Data Type(s)'. The 'Select Data Type(s)' button is highlighted with a blue box and a blue circle labeled 'b'. To the right of the 'Select Data Type(s)' button is a text field containing 'GOLD CLIENT ALL C...' and a blue circle labeled 'c'. Below the text field is a button with a yellow arrow icon. At the bottom of the dialog box is a text field containing 'GOLD CLIENT ALL CONFIGURATION'.

Figure 2.0

Figure 2.1

Gold Client Worker Program

Export ID

1232

Export GUID

123220240104145035

Passport File Name :

\\sapcrms-ides\sapmnt\trans\GC-GCR\g-c-PASS\_E123220240104145035\_GCR\_800

Status file Name :

\\sapcrms-ides\sapmnt\trans\GC-GCR\g-c-STAT\_E123220240104145035\_GCR\_800

\*\*\*\*\*

Data Type	Sessi...	Table Name	File and Path
GOLD CLIENT ALL CONFIGURATION		/HTG/BDLS	\\sapcrms-ides\sapmnt\trans\GC-GCR\g-c-E1232202401041
GOLD CLIENT ALL CONFIGURATION		/HTG/DTEXPEXCL	\\sapcrms-ides\sapmnt\trans\GC-GCR\g-c-E1232202401041
GOLD CLIENT ALL CONFIGURATION		/HTG/FIELD_EXCPN	\\sapcrms-ides\sapmnt\trans\GC-GCR\g-c-E1232202401041
GOLD CLIENT ALL CONFIGURATION		/HTG/GCSTIMESTMP	\\sapcrms-ides\sapmnt\trans\GC-GCR\g-c-E1232202401041
GOLD CLIENT ALL CONFIGURATION		/HTG/GCS_CHG_DOC	\\sapcrms-ides\sapmnt\trans\GC-GCR\g-c-E1232202401041
GOLD CLIENT ALL CONFIGURATION		/HTG/GCS_MAP_RFC	\\sapcrms-ides\sapmnt\trans\GC-GCR\g-c-E1232202401041
GOLD CLIENT ALL CONFIGURATION		/HTG/GCS_TAGS	\\sapcrms-ides\sapmnt\trans\GC-GCR\g-c-E1232202401041
GOLD CLIENT ALL CONFIGURATION		/HTG/GCS_TAG_DT	\\sapcrms-ides\sapmnt\trans\GC-GCR\g-c-E1232202401041

2. Go to t-code /n/HTG/ZGOLD and select the **Client Importer** function
  - a. Ensure that the 'Direct Input' option is selected
  - b. Select the box next to the relevant Export ID
  - c. Select 'Execute in Foreground' (Fig. 2.2)
  - d. In the pop-up window, select the 'Skip Conflicting Data' option and the 'Accept' button (Fig. 2.3)
  - e. The process should complete and produce an output similar to this image (Fig. 2.4)
    - i. The statuses should be green, and the records imported will be zero because this config already exists, and the 'Skip' option was chosen

Figure 2.2

Client Importer							
<div>  Execute in Foreground            Schedule Job            Sizing Report            Conflicting Data Report            Job Monitor            Delete File         </div>							
Select Processing Method <input type="radio"/> Transport Request <input type="radio"/> R3Trans Method <input checked="" type="radio"/> Direct Input							
*****							
<div>  Refresh               </div>							
Select	Export ID	Owner	Source ...	Source ...	Export Description	Created On	Cre. Time
<input checked="" type="checkbox"/>	1232	SGEORGE	GCR	800	Client Construct: Direct Export	01/04/2024	14:50:35

Figure 2.3

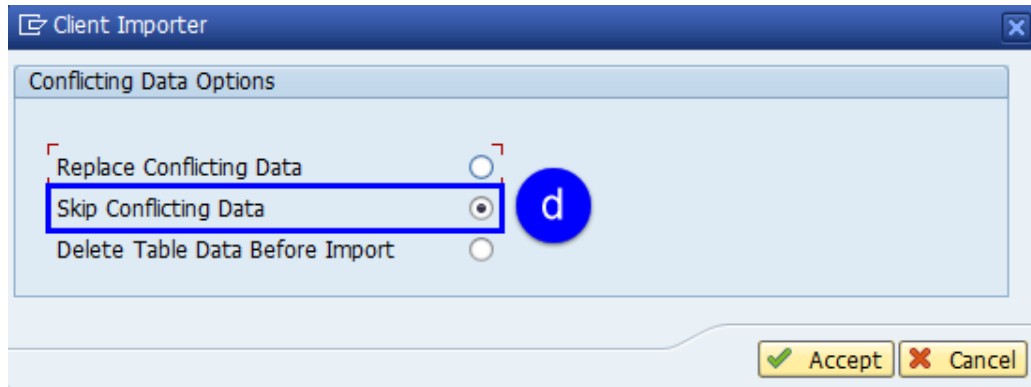


Figure 2.4

Gold Client Import						
Stat...	Tot Re...	Recs I...	Data Type	Table Name	Message	File and Path
<input checked="" type="checkbox"/>	103	0	GOLD CLIENT ALL CONFIGURATION	/HTG/ZTABLEMAP_H	0 records imported. 103 duplicates.	\\sapcrms-ides\sapmi
<input checked="" type="checkbox"/>	4,931	0	GOLD CLIENT ALL CONFIGURATION	/HTG/ZTABLEMAP	0 records imported. 4,931 duplicates.	\\sapcrms-ides\sapmi
<input checked="" type="checkbox"/>	9	0	GOLD CLIENT ALL CONFIGURATION	/HTG/STOP_SQL_SP	0 records imported. 9 duplicates.	\\sapcrms-ides\sapmi
<input checked="" type="checkbox"/>	1	0	GOLD CLIENT ALL CONFIGURATION	/HTG/NOPEMRNSYNC	0 records imported. 1 duplicates.	\\sapcrms-ides\sapmi
<input checked="" type="checkbox"/>	8	0	GOLD CLIENT ALL CONFIGURATION	/HTG/GLC_SCR_ORD	0 records imported. 8 duplicates.	\\sapcrms-ides\sapmi
<input checked="" type="checkbox"/>	17	0	GOLD CLIENT ALL CONFIGURATION	/HTG/GLC_PTEBAND	0 records imported. 17 duplicates.	\\sapcrms-ides\sapmi

## Test #2: Data Echo

1. Go to t-code /n/HTG/ZGOLD and select the **Data Snap** function
2. On the next screen, input the data type named GCS - CLIENT CONSTRUCT CONFIG and then select the 'Execute' button (Fig. 3.0)
3. On the next screen, input an Export Description (free text) and the Master Data Type named GOLD CLIENT ALL CONFIGURATION; then select the 'Schedule Job' button (Fig. 3.1)
4. In the 'Schedule Job' window, select the 'Accept' button (Fig. 3.2)
5. Go to t-code SM37 and confirm that the job is finished and writes a spool (Fig. 3.3)

Figure 3.0

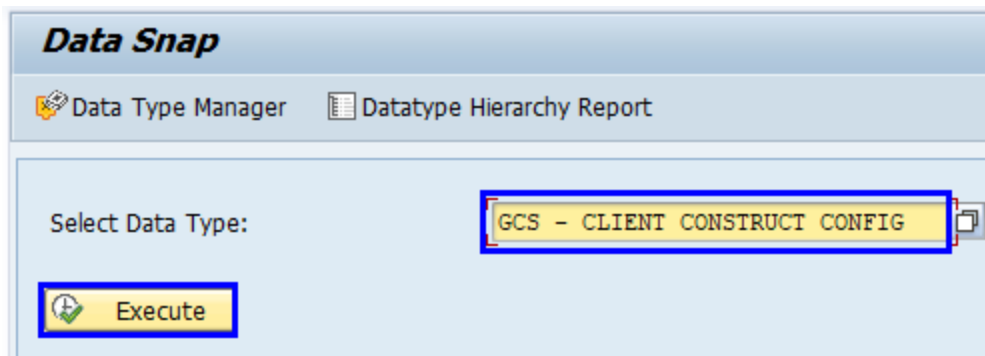


Figure 3.1

**Data Snap - 01/05/2024 @ 10:34:14**

Processing Options

Export Description:

Data Selection Criteria

Master Data Type:

Figure 3.2

**Data Snap - 01/05/2024 @ 10:34:14**

Schedule Job


Job name:

Start Options

☒ Immediate
 ☐ Date/Time
 ☐ Parallel Processing

Date/Time:

Figure 3.3

JobName	Spool list	Job documentation	Job CreatedBy	Status
<input type="checkbox"/> UPGRADE TEST			SGEORGE	Finished
*Summary				

6. Go to t-code /n/HTG/ZGOLD and select the **Import Control** function
  - a. Select the box next to the relevant Export ID
  - b. Select the 'Schedule Job' button (Fig. 3.4)
7. In the pop-up window, select the 'Skip Conflicting Data' option and the 'Accept' button (Fig. 3.5)
8. In the 'Schedule Job' window, input a Job Name, and select the 'Accept' button (Fig. 3.6)
9. Go to t-code SM37, confirm that the job is finished and writes a spool (Fig. 3.7)

Figure 3.4

### Import Control

Refresh

File creation date 12/06/2023 to

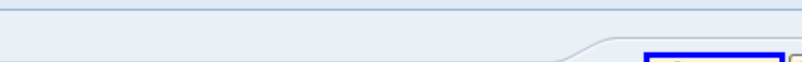
User who ran Export SGEORGE to

Export ID  to

Default File Path

**a** Report Execute in Foreground **b** Schedule Job Delete Files Maintain User Exits

Select	Export ID	Owner	Source ...	Source ...	Export Description	Created On	Cre. Time
<input checked="" type="checkbox"/>	1233	SGEORGE	GCR	800	Upgrade test	01/05/2024	10:39:28



Import Control

Conflicting Data Options

Replace Conflicting Data ☐

Skip Conflicting Data ☒

Accept Cancel

Import Control


Schedule Job

Job name

Start Options

Immediate ☒ Date/Time ☐ Parallel Processing ☐

Accept Cancel

JobName	Spool list	Job documentation	Job CreatedBy	Status
<input type="checkbox"/> UPGRADE TEST			SGEORGE	Finished
*Summary				