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Document History

<table>
<thead>
<tr>
<th>Revision</th>
<th>Date</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>&lt;2019-12-02&gt;</td>
<td>Release for customer</td>
</tr>
</tbody>
</table>
Where Can This Script Be Used?

This demo script has been written for usage with the SAP S/4HANA 1909 Fully-Activated Appliance (in short “appliance” in this script), hence you will need such an appliance to make use of this guide.

The appliance can be brought up in two ways, and the demo scenario in this script is largely the same for both:

1. Via SAP Cloud Appliance Library (hosted on cloud providers)
   You need a cloud provider account at AWS, MS Azure, or GCP. With this, you can deploy the appliance within 1-2 hours from [https://cal.sap.com > Solutions > SAP S/4HANA 1909 Fully-Activated Appliance](https://cal.sap.com > Solutions > SAP S/4HANA 1909 Fully-Activated Appliance).

2. Via installing it on your own on-premise hardware.
   You need to provide your own hardware, and order & install the appliance as explained in [SAP Note 2041140](https://notes.sap.com/2041140).


Important:
Before you start your demo, please read [SAP S/4HANA Fully-Activated Appliance: Demo Scripts](https://notes.sap.com/2041140) for information about necessary preparations, especially any post-deployment steps to ensure the full functionality of your appliance. These steps are covered in sections:

  B) General Remarks
  C) Post-deployment Steps
  D) Log-on to the system

Besides this, you will also find links to all demo scripts on this page.
Demo Story — New Group Reporting

For over 30 years, our customers have trusted us to help them run their group close process covering data collection, consolidation, analysis and publication. Today, we are building the consolidation software of the Intelligent Enterprise. From a functional/process perspective, S/4HANA Finance for Group Reporting draws from our heritage solutions for consolidation.

The main values added with the new S/4HANA Finance for Group Reporting:

- **Simplify your architecture** – S/4HANA Finance for Group Reporting is fully embedded into S/4 HANA. What does that mean? It means it’s automatically installed with SAP S/4HANA whether it’s used or not. It’s fully contained in the S/4HANA Database and in memory capabilities. It has the same UI, same security, and same reporting capabilities. This all leads to large improvements in TCO as the installation, setup and processes are greatly simplified.

- **Unify Local Close and Group Close** – This unification with Group Reporting improves data quality and accelerates your group close process, while enhancing transparency and auditability using drill-through capabilities from group reporting to the operational accounting journals.

- **Continuous Accounting helps shorten your close** – You can perform preliminary consolidation tasks and reporting as often as required on any day of the month. The Universal Journal represents the single source of truth while at the same time streamlining reconciliations and ensuring instant availability of the most current data.

1 Manage Consolidation master data

1.1 Consolidation Group master data

<table>
<thead>
<tr>
<th>What to Do</th>
<th>What You Will See</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open the Fiori Launchpad. <strong>User:</strong> S4H_FIN_DEM  <strong>Password:</strong> Welcome1</td>
<td>![Consolidation Group master data screenshot]</td>
</tr>
</tbody>
</table>

Search for the app **Consolidation Groups – Create & Change** or as an alternative, navigate to the **Consolidation Master Data** section and choose the app.
### What to Do

**Consolidation group Create** app displays.

To create a new Cons. Group, enter the name of the new Group and press Enter.

To edit/display an existing Group, enter the Consolidation group name and select More>>Consolidation Group>> Change/Display.

**Consolidation Group Create** app is displayed.

Maintain Group details in the **Master data** tab:

- **Consolidation Group Description**
- **Ledger**
- **Currency**

You will need to create multiple ledgers in your system if you consolidate consolidation groups in different currencies. Each ledger can be managed in one ledger currency only.

Assign Validation Methods in the **Methods** tab:

Save the new created/changed Consolidation Group.

### What You Will See

<table>
<thead>
<tr>
<th>Description</th>
<th>Correspondence</th>
<th>Methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>* Short Text:</td>
<td>Consolidation Group</td>
<td></td>
</tr>
<tr>
<td>* Medium Text:</td>
<td>Consolidation Group Demo 1909</td>
<td></td>
</tr>
<tr>
<td>Description</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Consolidation frequency**

**General**

- Ledger: Y1
- Currency: EUR European Euro

**More**

<table>
<thead>
<tr>
<th>Description</th>
<th>Correspondence</th>
<th>Methods</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Assign Validation Methods**
1.2 Consolidation unit master data

<table>
<thead>
<tr>
<th>What to Do</th>
<th>What You Will See</th>
</tr>
</thead>
</table>
| Open the Fiori Launchpad.  
User: S4H_FIN DEM  
Password: Welcome1 | ![Image](image1.png)  
Asset Accounting  
Reporting for Asset Accounting  
Manage  
App  
Consolidation Units - Create & Change  
Consolidation unit create  
Consolidation units - Create & change  
Consolidation Master Data  
Choose the app.  
Consolidation unit Change  
app displays.  
To create a new  
Consolidation unit enter the  
name of the new unit than  
select More >> Consolidation unit >> Create.  
To edit an existing  
consolidation unit, enter the  
name and press Enter.  
Maintain/change  
Consolidation unit Details in the Master data tab:  
- Consolidation unit description  
- Local currency  
- Sender local currency |
|  
Maintain/change  
Consolidation unit Methods tab for currency translation and validation methods.  
Maintain transfer method in Data collection tab:  
- Read from universal document - for Co Codes that exist in SAP  
- Flexible upload for entities that are not in SAP.  
Company codes that exist in SAP Integration should be maintained accordingly.  
Save your changes.  
Consolidation unit Change app displays.  
To create a new Consolidation unit enter the name of the new unit than select More >> Consolidation unit >> Create.  
To edit an existing consolidation unit, enter the name and press Enter.  
Maintain/change Consolidation unit Details in the Master data tab:  
- Consolidation unit description  
- Local currency  
- Sender local currency  
Maintain/change Consolidation unit Methods tab for currency translation and validation methods.  
Maintain transfer method in Data collection tab:  
- Read from universal document - for Co Codes that exist in SAP  
- Flexible upload for entities that are not in SAP.  
Company codes that exist in SAP Integration should be maintained accordingly.  
Save your changes. |
1.3 Assign consolidation unit to Consolidation group

<table>
<thead>
<tr>
<th>What to Do</th>
<th>What You Will See</th>
</tr>
</thead>
</table>
| Open the Fiori Launchpad.  
**User:** S4H_FIN_DEM  
**Password:** Welcome  
Search for the app Manage Group Structure – Group View or as an alternative, navigate to the Consolidation Master Data group of apps and choose the app.  
Manage Consolidation Group Structure app displays.  
In the top section of the screen, maintain filters for Consolidation Version and Consolidation Group and press GO  
Under the Search filters, the Consolidation Units assigned to CGN2 group are displayed.  
From this screen, you can:  
- To edit an existing Consolidation Unit, select the line’s the arrow icon on the right.  
- To assign a new consolidation unit to CGN2 group, select the Assign button above the list.  
Save your changes. |
2 Group Reporting for SAP S/4HANA Companies

2.1 Set Global Parameters

<table>
<thead>
<tr>
<th>What to Do</th>
<th>What You Will See</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open the Fiori Launchpad. User: S4H_FIN_DEM Password: Welcome1</td>
<td><img src="image" alt="Global parameters dialog box" /></td>
</tr>
</tbody>
</table>

Search for the app Set Global Parameters or as an alternative, navigate to the SAP S/4HANA Financial Closing Cockpit and choose the app.

A Global parameters dialog box displays.

Make the following entries:
- Cons. Group: CG2
- Version: Y10
- Fiscal Year: 2016
- Period: 01
- Cons.Chart/ACCOUNT: Y1
- Ledger: Y1

and choose Continue.
2.2  Upload/post journal entries during the month.

<table>
<thead>
<tr>
<th>What to Do</th>
<th>What You Will See</th>
</tr>
</thead>
</table>
| Open the Fiori Launchpad.  
User: S4H_FIN_DEM  
Password: Welcome1 | ![Image](image1.png)  
Upload General Journal Entries app is displayed.  
To select the data, click on the group line and select Open period. |
| Search for the app Upload General Journal Entries or as an alternative, navigate to the Journal Entries app group and choose the app. |  |
| Download the following Journal Entry Template. | ![Image](image2.png)  
After updating the template with the journal entry values, return to Upload General Journal Entries app.  
Select the Browse button and navigate to the location of the template file, and choose Open on the dialog box to upload the file.  
To post the spreadsheet content, select all items displayed and choose Post from the bottom of the view. |

Note – The link for Journal Entry Template is: 
https://support.sap.com/content/dam/SAAP/Sol_Pack/Library/Others/Journal_Entry_Template.xlsx

2.3  Perform data monitor tasks for S/4Hana Companies

<table>
<thead>
<tr>
<th>What to Do</th>
<th>What You Will See</th>
</tr>
</thead>
</table>
| Open the Fiori Launchpad.  
User: S4H_FIN_DEM  
Password: Welcome1 | ![Image](image3.png)  
Consolidation Process  
Group Reports  
Legal Content Management  
Plan  
Data Monitor  
The Data Monitor app is displayed.  
Right click on the group line and select Open period. |
| Search for the app Data Monitor or as an alternative, go to the Consolidation Data Preparation and choose the app. |  |
Run the Release Universal Journal task in test and update run mode. Select the box for this task and with right click chose Run in Test mode or in Update mode.

The Release Reported Financial Data screen is displayed.
Select both entities and click on Reported Financial Data (Total) to display the list of documents reported for this period.

Check the lines displayed. You should have the journal entries uploaded into the system from the previous step.

Return to the previous screen and select the Save button to complete the Release journal entries task.

A pop-up window will be displayed. Confirm the release of the reported financial data by selecting the Continue button.

Release of Reported financial data was updated.
Return to the *Data monitor screen* and note that the task status is now changed to:

<table>
<thead>
<tr>
<th>Status</th>
<th>Pending preceding task</th>
</tr>
</thead>
</table>

Select the *Balance Carryforward* task and with right click, chose *Update* run.

The balance was carried forward successfully.

Return to the previous screen. *Release journal entries* task status changed to

<table>
<thead>
<tr>
<th>Status</th>
<th>Overall status: Open</th>
</tr>
</thead>
</table>

Perform again the task in update mode.

Run the *Validation Universal Journals* task in test and update mode.

The validation of the universal documents was completed successfully.

The status of the task was changed in the data monitor.
Run the **Calc. Net Income** task in test and update mode.

The task was completed successfully.

Run the **Reported Data Validation** task in test and update mode.

In the **Manage Data Validation tasks** screen select both entities and chose the **Validate** button.

The task was completed successfully.

Run the **Currency Translation** task in test and update mode.

For entity **1010** this task is not applicable as LC= GC.
<table>
<thead>
<tr>
<th>What to Do</th>
<th>What You Will See</th>
</tr>
</thead>
<tbody>
<tr>
<td>The currency translation task was completed successfully.</td>
<td><img src="image1.png" alt="Currency Translation Task" /> You may check the result in the detailed log.</td>
</tr>
<tr>
<td>Run the <strong>Standardized Data Validation</strong> task in test and update mode.</td>
<td><img src="image2.png" alt="Standardized Data Validation" /> In the <strong>Manage Data Validation tasks</strong> screen select both entities and chose <strong>Revalidate</strong> button. The task was completed successfully.</td>
</tr>
</tbody>
</table>

### 2.4 Perform vonsolidation monitor tasks for S/4Hana Companies

<table>
<thead>
<tr>
<th>What to Do</th>
<th>What You Will See</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open the Fiori Launchpad. <strong>User:</strong> S4H_FIN_DEM <strong>Password:</strong> Welcome1</td>
<td><img src="image3.png" alt="Fiori Launchpad" /> Search for the app <strong>Consolidation Monitor</strong> or as an alternative, go to the <strong>Consolidation Process</strong> and choose the app.</td>
</tr>
<tr>
<td>You can navigate to this app directly from the <strong>Data Monitor app</strong> by choosing <strong>Consolidation Monitor</strong> button.</td>
<td><img src="image4.png" alt="Data Monitor" /></td>
</tr>
</tbody>
</table>
What to Do

What You Will See

In the **Consolidation monitor** view, right-click the **IC Elim Gross Profit** task and choose **Update Run**.

The task was completed successfully.

In the **Consolidation monitor** view, right-click the **IC Elim Other income/Expense** task and choose **Update Run**.

The task was completed successfully.

In the **Consolidation monitor** view, right-click the **Dividends Elimination** task and choose **Update Run**.

The task was completed successfully.

In the **Consolidation monitor** view, right-click the **IC Elim Balance Sheet** task and choose **Update Run**.

The task was completed successfully.
**What to Do**

In the **Consolidation monitor** view, right-click the **Preparation Cons Group Change** task and choose **Update Run**.

The task was completed successfully.

In the **Consolidation monitor** update the **Calculate Group Shares** task.

The task was completed successfully.

In the **Consolidation monitor** view, right-click the **Investments/Equity elimint** task and choose **Update Run**.

The task was completed successfully. Check the log for further details.
In the **Consolidation monitor** view, right-click the **Consolidated Data Validation** task and choose **Update Run**.

In the **Manage Data Validation tasks** screen select the group and chose **Revalidate** button.

The task was completed successfully. Select the arrow for further details.

Return to the **Consolidation monitor** and check that all required tasks were successfully performed.

There are some manual tasks which are not required to be run periodically. For example, **Total Divestiture** should be used when selling an entity from the Group.
3 Group reporting for non-SAP entities

3.1 Set up Group structure

<table>
<thead>
<tr>
<th>What to Do</th>
<th>What You Will See</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open the Fiori Launchpad. <strong>User:</strong> S4H_FIN_DEM  <strong>Password:</strong> Welcome1</td>
<td></td>
</tr>
<tr>
<td>Search for the app <strong>Manage Group Structure – Group view</strong> or as an alternative, navigate to the <strong>Consolidation master data</strong> and choose the app.</td>
<td></td>
</tr>
</tbody>
</table>

In the **Manage Group Structure – Group app** assign required Cons. units to your group. Furthermore, maintain the Consolidation Methods:

- **S2100** as Parent (Direct Share) and
- **S2102-S2108** as Purchase method (Direct Share)
- **S2105** as Equity method (direct share)

3.2 Initial consolidation

<table>
<thead>
<tr>
<th>What to Do</th>
<th>What You Will See</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open the Fiori Launchpad. <strong>User:</strong> S4H_FIN_DEM  <strong>Password:</strong> Welcome1</td>
<td></td>
</tr>
<tr>
<td>Search for the app <strong>Data Monitor</strong> or as an alternative, go to the <strong>Consolidation Data Preparation</strong> and choose the app.</td>
<td></td>
</tr>
</tbody>
</table>
What to Do

In the *Data monitor* app click on Global parameters button.

In the pop-up window, maintain the Global Parameters:
- **Consolidation group**, for example **CGN21**
- **Version**: **Y10**
- **Your fiscal year**: for example, **2015**
- **Your period**: **12**
- **Cons.COA**: **Y1**
- **Ledger**: **Y1**

What You Will See

In the *Data Monitor* app right-click the status icon for the **Bal Chwd (Balance Carryforward)** task and select **Update**.

The balance was carried forward successfully.

Chose the Back button to return to the *Data Monitor* screen.

Execute the **Data collection** task.

With this step data from an external excel file will be uploaded in SAP for further consolidation steps.

Download the **Sample file** and adjust it accordingly to your group structure.

Edit the file in Notepad and replace "XX" with the first 2 digits from your cons.unit, for example "20".
What to Do

In the Enter transfer data screen, select the upload button.

On the Flexible Upload of Reported financial data app, maintain the parameters for the upload file:

- **Upload method**: SRD2
- **Physical path**
- **File format**: ASC

Choose **Execute**

Check Data Collection Task Log.

The upload was completed successfully.

---

What You Will See

In the **Data Monitor** view, right-click the *Calc. Net Income* task and choose **Update Run**.

The task was completed successfully.

---

In the **Data Monitor** view, right-click the *Reported Data Validation* task and choose **Update Run**.
The task was completed successfully.

In the **Data monitor** view, right-click the **Currency Translation** task and choose **Update Run**.

The task was completed successfully.
The currency translation task is valid only for units that have a different currency than Group currency.

In the **Data Monitor** view, right-click the **Standardized Data Validation** task and choose **Update Run**.

The task was completed successfully.

Select one line to display further validation details.
What to Do

Return to Data Monitor view and choose the Consolidation Monitor button.

In the Consolidation Monitor view, right-click the IC Elim Sales task and choose Update Run.

For the consolidation unit S2100, the inter-unit Sales of goods (account 411100) of 15,000 with the partner unit S2102 is eliminated against the account Inventory variation (account 412100).

In the Consolidation Monitor view, right-click the IC Elim Income/Expense task and choose Update Run.

20 document(s) posted for document type 35, period 012 and year 2015
What to Do

In the **Consolidation monitor** view, right-click the **Dividends Elimination** task and choose **Update Run**.

From the log we can see that the Internal Dividend (account 603000) is eliminated against the Retained Earnings account (316000).

What You Will See

In the **Consolidation Monitor** view, right-click the **IC Elim Balance Sheet** task and choose **Update Run**.
What to Do

In the **Consolidation Monitor** view, right-click the **Preparation Cons Group Change** task and choose **Update Run**.

---

**What You Will See**

**Consolidation Monitor**

- **Cons. COA:** Y1
- **Version:** Y10
- **Period:** 12 / 2016

<table>
<thead>
<tr>
<th>Hierarchy</th>
<th>Description</th>
<th>Status</th>
<th>Error</th>
<th>Warnings</th>
<th>Date</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>21C1</td>
<td>Consolidation Group C</td>
<td>0</td>
<td>3</td>
<td>12/13/2016 19:24:45</td>
<td>12/13/2016 19:24:45</td>
<td>SHM_FU_C</td>
</tr>
<tr>
<td>2050</td>
<td>Manual Eliminations (P)</td>
<td>0</td>
<td>0</td>
<td>12/13/2016 19:24:45</td>
<td>12/13/2016 19:24:45</td>
<td>SHM_FU_C</td>
</tr>
<tr>
<td>2040</td>
<td>Preparation Cons Group</td>
<td>0</td>
<td>0</td>
<td>12/13/2016 19:24:45</td>
<td>12/13/2016 19:24:45</td>
<td>SHM_FU_C</td>
</tr>
<tr>
<td>21.41</td>
<td>Calculate Group Share</td>
<td>0</td>
<td>0</td>
<td>12/13/2016 19:24:45</td>
<td>12/13/2016 19:24:45</td>
<td>SHM_FU_C</td>
</tr>
<tr>
<td>21.40</td>
<td>Enter Group Shares (PL)</td>
<td>0</td>
<td>0</td>
<td>12/13/2016 19:24:45</td>
<td>12/13/2016 19:24:45</td>
<td>SHM_FU_C</td>
</tr>
<tr>
<td>21.00</td>
<td>Investments / Equity et al.</td>
<td>0</td>
<td>0</td>
<td>12/13/2016 19:24:45</td>
<td>12/13/2016 19:24:45</td>
<td>SHM_FU_C</td>
</tr>
</tbody>
</table>

**Consolidation Monitor**

- **Cons. COA:** Y1
- **Version:** Y10
- **Period:** 12 / 2016

<table>
<thead>
<tr>
<th>Hierarchy</th>
<th>Description</th>
<th>Status</th>
<th>Error</th>
<th>Warnings</th>
<th>Date</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>21C1</td>
<td>Consolidation Group C</td>
<td>0</td>
<td>3</td>
<td>12/13/2016 19:24:45</td>
<td>12/13/2016 19:24:45</td>
<td>SHM_FU_C</td>
</tr>
<tr>
<td>2031</td>
<td>Dividends Elimination</td>
<td>0</td>
<td>0</td>
<td>12/13/2016 19:21:26</td>
<td>12/13/2016 19:21:26</td>
<td>SHM_FU_C</td>
</tr>
<tr>
<td>2050</td>
<td>Manual Eliminations (P)</td>
<td>0</td>
<td>0</td>
<td>12/13/2016 19:24:45</td>
<td>12/13/2016 19:24:45</td>
<td>SHM_FU_C</td>
</tr>
<tr>
<td>2040</td>
<td>Preparation Cons Group</td>
<td>0</td>
<td>0</td>
<td>12/13/2016 19:24:45</td>
<td>12/13/2016 19:24:45</td>
<td>SHM_FU_C</td>
</tr>
<tr>
<td>21.41</td>
<td>Calculate Group Share</td>
<td>0</td>
<td>0</td>
<td>12/13/2016 19:24:45</td>
<td>12/13/2016 19:24:45</td>
<td>SHM_FU_C</td>
</tr>
<tr>
<td>21.40</td>
<td>Enter Group Shares (PL)</td>
<td>0</td>
<td>0</td>
<td>12/13/2016 19:24:45</td>
<td>12/13/2016 19:24:45</td>
<td>SHM_FU_C</td>
</tr>
<tr>
<td>21.00</td>
<td>Investments / Equity et al.</td>
<td>0</td>
<td>0</td>
<td>12/13/2016 19:24:45</td>
<td>12/13/2016 19:24:45</td>
<td>SHM_FU_C</td>
</tr>
</tbody>
</table>

**Group Shares**

- **Cons. COA:** Y1
- **Version:** Y10
- **Actuals:** Period 012 / 2015

<table>
<thead>
<tr>
<th>Group Shares</th>
<th>Direct Share %</th>
</tr>
</thead>
<tbody>
<tr>
<td>S2100 Germany Demo Co21</td>
<td>100.00000000</td>
</tr>
<tr>
<td>S2102 France Demo Co21</td>
<td>0.00000000</td>
</tr>
<tr>
<td>S2103 USA East Demo Co21</td>
<td>0.00000000</td>
</tr>
<tr>
<td>S2104 USA West Demo Co21</td>
<td>13.00000000</td>
</tr>
<tr>
<td>S2105 Belgium Demo Co21</td>
<td>0.00000000</td>
</tr>
<tr>
<td>S2106 Japan Demo Co21</td>
<td>50.00000000</td>
</tr>
<tr>
<td>S2107 Europe Demo Co21</td>
<td>0.00000000</td>
</tr>
<tr>
<td>S2108 China Demo Co21</td>
<td>60.00000000</td>
</tr>
</tbody>
</table>

In the **Consolidation Monitor** view, right-click the **Investments / Equity elim** task and choose **Update Run**.
What to Do | What You Will See
---|---
In the **Consolidation Monitor**, update the **Consolidated Data Validation** task.

In the **Consolidation Monitor** view, right-click the **Consolidated Data Validation** task and choose **Update Run**.

Return to Fiori Launchpad and search **Group Data Analysis** app.

Run the report to verify consolidated data with expected outcomes.

### 3.3 Full consolidation

What to Do | What You Will See
---|---
Open the Fiori Launchpad. **User:** `S4H_FIN_DEM`  **Password:** `Welcome1`

Search for the app **Data Monitor** or as an alternative, go to the **Consolidation Data Preparation** and choose the app.
What to Do What You Will See

In the Data monitor app click on the Global Parameters button.

In the pop-up window maintain the Global Parameters:

- **Enter your consolidation group**, for example **CGN21**
- **Version**: **Y10**
- **Your Fiscal year**: **2016**
- **Your period**: **01**
- **Consolidation COA**: **Y1**
- **Ledger**: **Y1**

In Data monitor app right-click the status icon for the Bal Cfwd (Balance Carryforward) task and select **Update**.

The balance was carried forward successfully.

Chose the Back button to return to the Data Monitor screen.

Execute **Data Collection** task in update mode.

Download the sample file and adjust it accordingly to your group structure.

Edit the file in Notepad and replace “XX” with the first 2 digits from your cons.unit, for example “21”

The upload was completed successfully.

In the Data Monitor screen, right-click the Calc. Net Income task and select **Update Run**.
### What to Do

In the Data Monitor screen, update the **Reported Data Validation** task.

In the Data Monitor screen, right-click the **Currency translation** task and select **Update Run**.

In the Data Monitor screen, right-click the **Standardized Data Validation** task and select **Update Run**.

Return to Data Monitor screen and select the row of each task and choose **Block** to block each task.

Open the Consolidation Monitor app.

Right-click on the cell from Consolidation Group line and select **Run successive w/o stop**.

Note that all tasks were completed successfully, and the overall group status is marked in green.

For each task you can display the last log for additional details.
What to Do | What You Will See
--- | ---
Check output of task \textit{2141} – Calculate Group Share. Consolidation Units percentage were updated comparing with 2015.12 period.

In the \textit{Consolidation Monitor} view select the task \textit{Total Divestiture} and chose \textit{Display} last log.

Reclassification for the new Consolidation unit S2104 is displayed.

Return to Fiori Launchpad and search \textit{Group Data Analysis} app.

Run the report to verify consolidated data with expected outcomes.

### 3.4 Subsequent Consolidation

**What to Do**

Open the Fiori Launchpad. 
\textit{User: S4H\_FIN\_DEM} 
\textit{Password: Welcome1}

Search for the app \textit{Data Monitor} or as an alternative, go to the \textit{Consolidation Data Preparation} and choose the app.
<table>
<thead>
<tr>
<th>What to Do</th>
<th>What You Will See</th>
</tr>
</thead>
<tbody>
<tr>
<td>In the <strong>Data Monitor</strong> app click on the <strong>Global Parameters</strong> button.</td>
<td><img src="image1" alt="Data Monitor app" /></td>
</tr>
<tr>
<td>In the pop-up window maintain, the Global Parameters:</td>
<td><img src="image2" alt="Global Parameters" /></td>
</tr>
<tr>
<td>• <strong>Enter your consolidation group</strong>, for example CGN21</td>
<td><img src="image3" alt="Consolidation Group" /></td>
</tr>
<tr>
<td>• <strong>Version</strong>: Y10</td>
<td><img src="image4" alt="Version" /></td>
</tr>
<tr>
<td>• <strong>Your fiscal year</strong>: 2016</td>
<td><img src="image5" alt="Fiscal Year" /></td>
</tr>
<tr>
<td>• <strong>Your period</strong>: 02</td>
<td><img src="image6" alt="Period" /></td>
</tr>
<tr>
<td>• <strong>Consolidation COA</strong>: Y1</td>
<td><img src="image7" alt="Consolidation COA" /></td>
</tr>
<tr>
<td>• <strong>Ledger</strong>: Y1</td>
<td><img src="image8" alt="Ledger" /></td>
</tr>
<tr>
<td>In <strong>Data Monitor</strong> view execute the <strong>Data Collection</strong> task in update mode.</td>
<td><img src="image9" alt="Data Collection" /></td>
</tr>
<tr>
<td>Download the <strong>sample file</strong> and adjust it accordingly to your group structure.</td>
<td><img src="image10" alt="Sample File" /></td>
</tr>
<tr>
<td>Edit the file in Notepad and replace “XX” with the first 2 digits from your cons.unit, for example “21”</td>
<td><img src="image11" alt="Notepad" /></td>
</tr>
<tr>
<td>Note that the upload was completed successfully.</td>
<td><img src="image12" alt="Upload Complete" /></td>
</tr>
<tr>
<td>In the data monitor, right-click the <strong>Calc. Net Income</strong> task and select <strong>Update Run</strong>.</td>
<td><img src="image13" alt="Calc. Net Income" /></td>
</tr>
<tr>
<td>In the data monitor, update the <strong>Reported Data Validation</strong> task.</td>
<td><img src="image14" alt="Reported Data Validation" /></td>
</tr>
</tbody>
</table>
What to Do

In the data monitor, right-click the **Currency translation** task and select **Update Run**.

In the data monitor, right-click the **Standardized Data Validation** task and select **Update Run**.

Return to **Data Monitor** view select the row of each task and choose **Block** to block each task.

Open **Consolidation Monitor** Right click on the cell from **Consolidation Group** line and select **Run successive w/o stop**.

Note that all tasks were completed successfully, overall group status is marked in green.

For each task you can display the last log for additional details.

Return to Fiori Launchpad and search **Group Data Analysis** app.

Run the report to verify consolidated data with expected outcomes.
Matrix consolidation combines multiple views of consolidated data for legal or management purposes. Data can be analyzed at the Company / Profit Center / Segment level using the hierarchies created based on the requirements. Via Matrix consolidation, SAP S/4HANA Group Reporting supports complex legal requirements for group related postings and provides re-organization flexibility.

Consolidated master data can be displayed using following different views:

- Group View: built on the group structure which includes consolidated groups and units
- Hierarchy views: built on hierarchies of Profit Centers, Segments and Consolidation units
- Combine different views

Group reporting is transparent, dynamic and flexible as all views retrieve the same set of consolidated data applied with different reporting logic. No further task processing is needed if you create a new hierarchy after completion of the Consolidation tasks. Furthermore, you can create multiple time-dependent hierarchies to analyze data at a certain moment and even simulate data for a future structure.

For testing purpose, we have created multiple hierarchies into the system:
- By scope and profit centers hierarchy BRD
- By scope and consolidation unit hierarchy Region
- By scope and segment hierarchy SEG

## 4.1 Create hierarchies for additional Master Data

### What to Do

Open the Fiori Launchpad.

**User:** S4H_FIN_DEM  
**Password:** Welcome1

Search for the app **Manage Global Accounting Hierarchies** or as an alternative, go to the **Consolidation Master Data** and choose the app.

### What You Will See

In the **Manage Global Accounting Hierarchies**, define a new Hierarchy for Lines of Business. Select the **+ (Create a new hierarchy)** icon.

In the **Create New Hierarchy** dialog box, enter the following parameters:

- **Type:** Consolidation Profit Center
- **Hierarchy ID:** LOB
- **Hierarchy Description:** Lines of Business
- **Controlling Area:** A000
**What to Do** | **What You Will See**
--- | ---
- **Valid From:** 01/01/2016  
- **Valid To:** 12/31/9999

Choose **Create**.

Maintain nodes and **Activate** the Hierarchy.

The Hierarchy content can also be imported from an excel file.

### 4.2 Consolidation Matrix - Analysis View by Profit Centers

**What to Do** | **What You Will See**
--- | ---
Open the Fiori Launchpad.  
**User:** S4H_FIN_DEM  
**Password:** Welcome1

Search for the app **Group data analysis** or as an alternative, navigate to the **Group reports** and choose the app.

Maintain the report parameters in the pop-up window using the values in the screen shot for the following fields:
- **Version**  
- **Ledger**  
- **Consolidation COA**  
- **Period/year**  
- **Period mode**  
- **Consolidation group**  
- **Consolidation unit hierarchy**  
- **Profit center hierarchy**  
- **Segment hierarchy**  
- **FS item**  
- **Hierarchy valid on**

Choose the **OK** button.
What to Do | What You Will See
---|---
In the COLUMNS area, keep only **Version, Fiscal year, Reporting Period**, and **Measures** in the list. In the ROWS area keep **FS Item** and **Profit Center Eliminated**.<br><br>Select **Profit Center Eliminated** and chose **Select Hierarchy: Brand**<br><br>The **Group Data Analysis** report is displayed. This analysis divides the results at the brand level by considering defined profit centers.<br><br>We notice that for **Brand B00**, eliminations are made at the brand level while for the rest of the brands this is done at total hierarchy level.<br><br>4.3 **Consolidation Matrix - Analysis view by Consolidation Unit**

What to Do | What You Will See
---|---
Open the Fiori Launchpad. **User:** `S4H_FIN_DEM`<br>**Password:** `Welcome1`<br>Search for the app **Group Data Analysis** or as an alternative, navigate to the **Group Reports** app group and choose the app.
What to Do | What You Will See
---|---
Maintain the report parameters in the pop-up window:
- Version
- Ledger
- Consolidation COA
- Period/year
- Period mode
- Consolidation group
- Consolidation unit hierarchy
- Profit center hierarchy
- Segment hierarchy
- FS item
- Hierarchy valid on

Chose the OK button.

In the COLUMNS area, keep only Version, Fiscal year, Reporting Period, and Measures in the list.

In the ROWS area keep FS Item and Cons Unit Eliminated.

The Group Data Analysis report is displayed.
This analysis divides the results at region level based on Consolidation units.

We notice that for the EMEA Region, eliminations are made at the region level while for the rest of the regions this is done at the total hierarchy level.

4.4 Consolidation Matrix - Analysis view by Segment

What to Do | What You Will See
---|---
Open the Fiori Launchpad. **User:** S4H_FIN_DEM  
**Password:** Welcome1
Search for the app Group data analysis or as an alternative, navigate to the Group reports and choose the app.
### What to Do
Maintain the report parameters in the pop-up window:
- Version
- Ledger
- Consolidation COA
- Period/year
- Period mode
- Consolidation group
- Consolidation unit hierarchy
- Profit center hierarchy
- Segment hierarchy
- FS item
- Hierarchy valid on

Choose the **OK** button

### What You Will See

<table>
<thead>
<tr>
<th>Prompts</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Search</strong></td>
</tr>
<tr>
<td><strong>Version:</strong></td>
</tr>
<tr>
<td><strong>Ledger:</strong></td>
</tr>
<tr>
<td><strong>Consolidation COA:</strong></td>
</tr>
<tr>
<td><strong>Period/Year:</strong></td>
</tr>
<tr>
<td><strong>Period Mode:</strong></td>
</tr>
<tr>
<td><strong>Consolidation Group:</strong></td>
</tr>
<tr>
<td><strong>Consolidation UnitHierarchy:</strong></td>
</tr>
<tr>
<td><strong>Consolidation Unit:</strong></td>
</tr>
<tr>
<td><strong>Profit Center Hierarchy:</strong></td>
</tr>
<tr>
<td><strong>Profit Center:</strong></td>
</tr>
<tr>
<td><strong>Segment Hierarchy:</strong></td>
</tr>
<tr>
<td><strong>Segment:</strong></td>
</tr>
<tr>
<td><strong>FS Item:</strong></td>
</tr>
<tr>
<td><strong>Subitem Category:</strong></td>
</tr>
<tr>
<td><strong>Subitem:</strong></td>
</tr>
<tr>
<td><strong>Parent Unit:</strong></td>
</tr>
<tr>
<td><strong>Posting Level:</strong></td>
</tr>
<tr>
<td><strong>CT Indicator:</strong></td>
</tr>
<tr>
<td><strong>Document Type:</strong></td>
</tr>
<tr>
<td><strong>Investee Unit:</strong></td>
</tr>
<tr>
<td><strong>Investment Activity Type:</strong></td>
</tr>
<tr>
<td><strong>Transaction Currency:</strong></td>
</tr>
<tr>
<td><strong>Base Unit of Measure:</strong></td>
</tr>
<tr>
<td><strong>Hierarchy Valid On:</strong></td>
</tr>
</tbody>
</table>

In the **COLUMNS** area, keep only **Version**, **Fiscal year**, **Reporting Period**, and **Measures** in the list.

In the **ROWS** area keep **FS Item** and **Segment Eliminated**.

The **Group Data Analysis** report is displayed.

This analysis divides the results at segment level.

We notice that only for **SEGA00**, eliminations are made at the segment level while for the rest of the regions this is done at the total hierarchy level.
## 5 Reporting

### 5.1 Balance Sheet (B/S) Reports

<table>
<thead>
<tr>
<th>What to Do</th>
<th>What You Will See</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open the Fiori Launchpad. User: S4H_FIN_DEM Password: Welcome1</td>
<td><img src="image1.png" alt="Image of Fiori Launchpad" /></td>
</tr>
<tr>
<td>Search for the app Group data analysis or as an alternative, navigate to the Group reports and choose the app.</td>
<td><img src="image2.png" alt="Image of Group Data Analysis report" /></td>
</tr>
<tr>
<td>Maintain the report parameters in the pop-up window: Version, Ledger, Consolidation COA, Period/year, Period mode, Consolidation group, Consolidation unit hierarchy, Profit center hierarchy, Segment hierarchy, Hierarchy valid on</td>
<td><img src="image3.png" alt="Image of pop-up window" /></td>
</tr>
<tr>
<td>Choose the OK button</td>
<td><img src="image4.png" alt="Image of selected report" /></td>
</tr>
</tbody>
</table>

The Group Data Analysis report is displayed.
Right-click the FS Item fields in Rows in the navigation panel and choose Hierarchy > Select Hierarchy. Choose the item hierarchy Y1/BS and choose OK.

The report displays the balance sheet for the group.

### 5.2 P&L by nature of expense

**What to Do**

Open the Fiori Launchpad.

**User:** S4H_FIN_DEM  
**Password:** Welcome1

Search for the app Group Data Analysis or as an alternative, navigate to the Group Reports app group and choose the app.

Maintain the report parameters in the pop-up window:

- **Version**
- **Ledger**
- **Cons.COA**
- **Period/year**
- **Period mode**
- **Cons. group**
- **Cons. unit hierarchy**
- **Profit center hierarchy**
- **Segment hierarchy**
- **Hierarchy valid on**

Choose the OK button.
<table>
<thead>
<tr>
<th>What to Do</th>
<th>What You Will See</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>The Group Data Analysis report is displayed.</strong></td>
<td></td>
</tr>
</tbody>
</table>

Right-click the FS Item and choose **Hierarchy > Select Hierarchy**. Choose **Item Hierarchy Y1/PL** and choose **OK**.

**Note:**
You can create the view and save it as a Fiori tile as mentioned in SAP Best Practices Scope Item "Group Reporting – Financial Consolidation (1SG) in step 4.4.1 Balance Sheet (B/S) Reports, on page 35.

The report displays the P&L for the group.

Drill-down to Original Documents:

Right-click on the amounts in the reports display screen and choose **Jump to > Display Group Journal Entries with Reporting Logic**.

The Display Group Journal Entries is displayed.

Select the document number for further details.
5.3 Cash Flow Statement

What to Do

Open the Fiori Launchpad.
User: S4H_FIN_DEM
Password: Welcome1

Search for the app Group Data Analysis – With Reporting Rules or as an alternative, navigate to the Group Reports and choose the app.

Maintain the report parameters in the pop-up window with the values in the screenshot:
- Version
- Ledger
- Consolidation COA
- Period/year
- Period mode
- Consolidation group
- Consolidation unit hierarchy
- Profit center hierarchy
- Segment hierarchy
- Rep. Item Hierarchy
- Reporting rule variant
- Hierarchy valid on

Choose the OK button.
The **Group Data Analysis With Reporting Rules** report is displayed.