Tactical Reporting Solution

From Matchi Wiki

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Overview

This is a simplistic one-day-snapshot reporting solution. Production data is fed in an Excel spreadsheet via 2 (yes, 2!) cloud-based file-sharing services for it to be collected by a scheduled data loading and reports process in Zoho. The Zoho reporting does store any historical data or calculates aggregates.

Process Steps

- Explanation of this interim tactical reporting solution:*

Data Extraction Process

An Excel report file is generated and contains the following tabbed sheets:

- Members
- Innovations
- Organizations
- Innovation Views ('InnoViews')

An identical collection of zipped CSV files is also generated, with each CSV file corresponding to a tabbed sheet in the Excel file.

Data Extraction process details:

- The extraction process runs on server mapp01.
- Executable: /usr/local/bin/export_data_snapshots.sh
- Cron Job: /etc/cron.daily/30export_data_snapshots_PROD.sh
- Execution time: 02:24 UTC
- Execution duration: 60 sec
- Process view: grep export_data_snapshots.sh /var/log/matchi

Extracted data container

Extracted data files are lodged in http://owncloud.matchi.biz

Files older than one month are removed.

Excel Data Extracts:

- Files are named [YYYYMMDD]_snapshot.xlsx
- Latest file is aliased as latest_snapshot.xlsx
- Directory: exports
- Directory access: The local Sales group

CSV Data Extracts:

- Files are named [YYYYMMDD]_snapshot.csv
- Latest file is aliased as latest_snapshot.csv
- Directory: exports
- Directory access: The local Sales group

Sharing from OwnCloud to DropBox

The files are shared from OwnCloud to a dedicated DropBox Account

- Account details: sysadmin@matchi.biz / Merlin100Mixer
- Directory: DataExports
- File names: latest_snapshot.xlsx
- File names: latest_snapshot.zip

Importing data to Zoho

The data is scheduled for import by Zoho Report on a daily basis. Reports should collect the file 03:00 UTC (01:00 SAST) or the report will be 1 day out of date. Whatever happens from this point onwards is anyone's guess. Good luck.

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