

Process Automation

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Gartner 2015
Cool Vendor



Summary

- Overview
- Automation – NG|Screener side
- Automation – Remote server side
- Automation – Example T24 Core banking
- Configuration
- Automation steps



Overview

- Automation for flat file import is needed
 - CSV Import
 - T24 Protocol
 - Reference Data (CSV)
 - ...
- Process has to be automated on both NG|Screener and remote server side
 - Generation and sending of data on remote server
 - Import of data on NG|Screener side



Automation – NG|Screener Side

- Relying on NG|Import tool
- Specific location to be defined for file exchange
 - Usually a folder on NG|Screener platform
 - Creation of a new user
 - Default user name: `importUser`
 - Could agree on another method with the customer (SMB share, etc..)
- Script will check presence of new files in defined location to import
 - For new scripts, Python is the preferred language to use
- Cronjobs to schedule execution of scripts



Automation – Remote server side

- Scripts (Routines) for extracting data or making them available
 - Audit trails data
 - Reference data
- Script to send files to NG|Screener
 - Default method: SCP
 - Needs of SSH public key authentication
 - Exchange of keys between NG|Screener and remote server
 - Cronjob for sending new files on regular basis

Automation – Example for T24 Core Banking



NG|Screener

3 NgImportDaily.sh

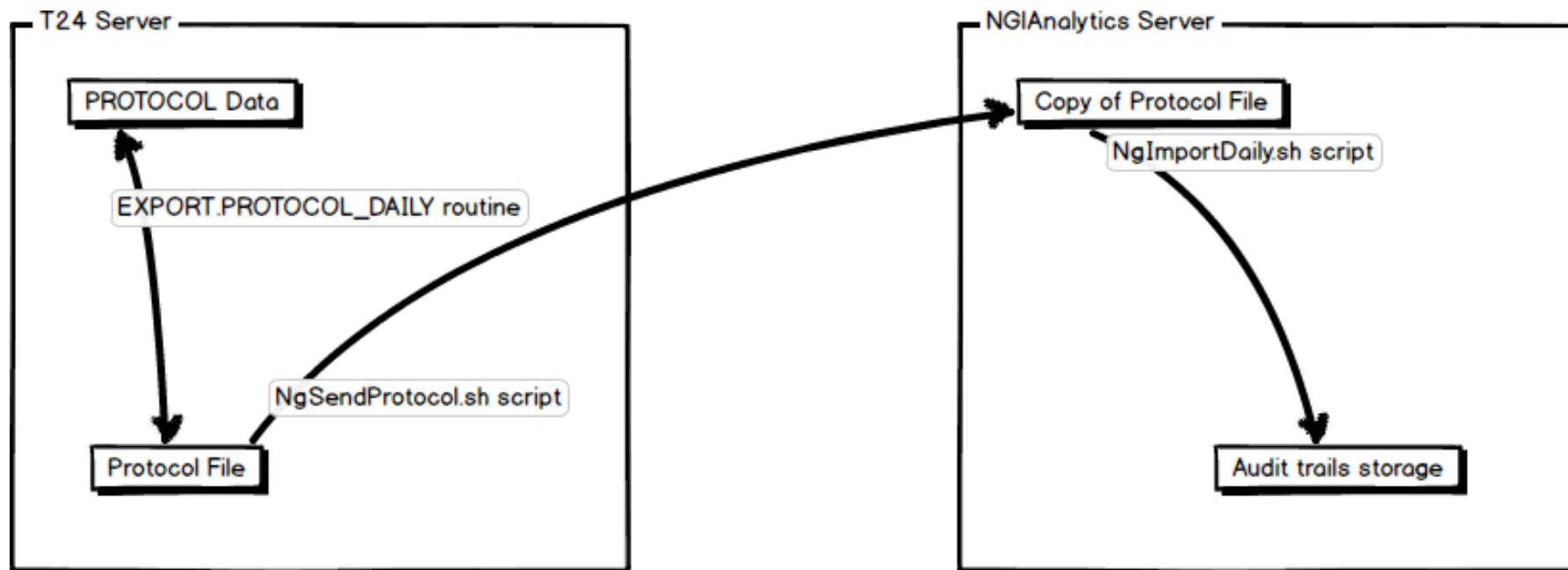
Protocol files sending



T24 Server

*1 EXPORT.PROTOCOL_DAILY
2 NgSendProtocol.sh*

Automation – Example for T24 Core Banking





Configuration

- Sample scripts could be available in connector directory
 - `/usr/local/ng-screener/connectors/connector-name/tools/`
 - For both NG|Screener and remote server



Automation Steps

- Create importUser
 - `useradd importUser`
 - Configure SSH public key authentication with remote server (for SCP file transfer)
- Import script
 - Modify a provided sample
 - For example in connectors
 - Create a new script
 - Python recommended for new scripts
- Scheduling
 - Cronjobs
- Depends on consultant preferences
 - Important to well document



THANK YOU!

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