



DAILY MAINTENANCE

Technical - Overview

Integration Team

February 2018

AGENDA



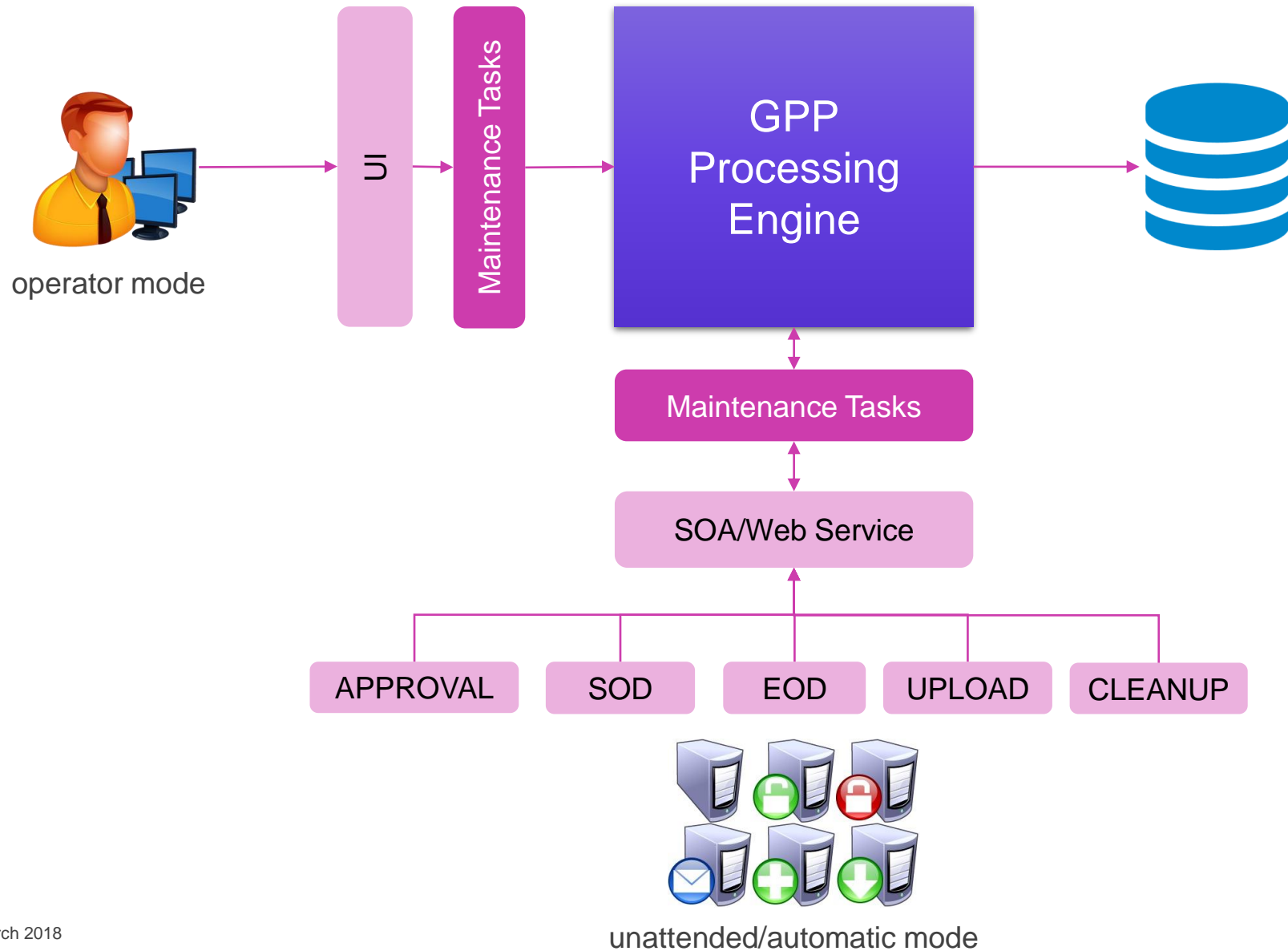
- Overview
- End of day procedures
- Start of day procedures
- Tasks setup
- System Configuration



GPP enables bank to perform various SOD, EOD, Upload and Maintenance tasks via SOA essential for proper operation of application”

Fndt Message Format – Technical Guide

MAINTENANCE OVERVIEW



- Multi-office
- Office local time
- Run in parallel
- Order is crucial

Note: Apply Change is always the last task.

EOD - HOUSEKEEPING

Task Name	Description	Sequence	Comment
Clean Profile Deleted Entries	Cleans deleted profile entries (marked as DL)	First	
Delete Old Non-Profile Entries	Deletes non-profile entries for the selected office	Second	
Clean Profile Audit Entries	Cleans journal entries that are older than a defined time period.	Third	
Suspend Inactive Users	Suspends users that have not logged in for a pre-defined time period.	Fourth	This task is relevant only if user maintenance is done in GPP. If SSO is used, this task may not be relevant.
Delete Payments from History	Permanently deletes payments that have matured.	Fifth	

EOD - RECONCILIATION



Task Name	Description	Sequence	Comment
Refresh Messages Snapshot	For reconciliation purposes. This task uses the Materializes Query Table (DB2 feature), which takes a snapshot of MINF message table and enables the financial institution to run any query against it. This snapshot is static and does not affect GPP processing past EOD time.	N/A	Note: This is only relevant for banks using DB2 and not Oracle as the database.

SOD - HOUSEKEEPING



Task Name	Description	Sequence	Comment
Advance to Next business date	Advances the business date of a specific office and all MOPs or specific MOP or Specific Office.	First	
Release Warehoused Payments	Releases for further processing messages with the Scheduled and Wait Release statuses.	Second	
Activate Matured Profile Changes	Activates the approved profile changes on the effective date.	Third	

TASKS SERVICE



- **<FndtHeader>**
 - **<credentials>** general identifying attributes
 - **<UserID>** UserID for authorization
 - **<Role>** Role for supplied User
- **<RunTaskRequest>** Task Service Request
 - **<header>**
 - **<UserID>** User for creating audit record
 - **<taskID>** ID of tasks to be executed
 - **<record>** Relevant required fields for completing action
 - **<field>** Field for given Task

User Details

Task to be executed

Supporting information

TASKS SERVICE RESPONSE - SUCCESS



- **<RunTaskResponse>** Task execution response
- **<compCode>** Response code success/failure
- **<info>** Additional information

```
1 <soap:Envelope>
2   <soap:Body>
3     <RunTaskResponse>
4       <compCode>0</compCode>
5       <info>Release from Scheduled task
6         completed successfully
7     </info>
8   </RunTaskResponse>
9 </soap:Body>
10</soap:Envelope>
```

TASKS SERVICE RESPONSE - FAILURE



- **<RunTaskResponse>** Task execution response
 - **<compCode>** Response code success/failure
 - **<info>** Additional information

```
1 <soap:Envelope>
2   <soap:Body>
3     <RunTaskResponse>
4       <compCode>1</compCode>
5       <info>ERROR: MOP selection is mandatory</info>
6     </RunTaskResponse>
7   </soap:Body>
8 </soap:Envelope>
```

TASK MONITORING



➤ Using the response from Web service task

Note : If the upload related task needs to be changed to run in asynchronize mode, it is not in the product scope and needs to be customized accordingly.

➤ Monitoring the Activity Audit database table

Task Name	taskID
Activate Matured Profile Changes	98
Advance Business Date	19
Clean Deleted Entries	27
Clean Profile Audit Entries	16
Delete From History	522
Move To History	521
Refresh Messages Snapshot	524
Release From Scheduled	6
Suspend Inactive Users	53

id	description
77791	Start of task scheduler
77792	End of task scheduler - Success
77793	Start execution of task
77794	End execution of task - execution status
77795	End of task scheduler - Failure

TASKS UI



- GPP SP has defined a number of SOD, EOD tasks. These tasks can be executed in three manners.

By invoking Task Service, Via GPP UI, By Scheduling the tasks

The screenshot shows the Global PAYplus application interface. The top menu bar includes File, Edit, View, Favorites, Tools, and Help. Below the menu bar, the title bar reads '+Global PAYplus'. The main navigation bar contains icons for MESSAGE CENTER, LIQUIDITY, RULES, BUSINESS SETUP, SYSTEM SETUP, and OPERATIONS (which is highlighted). On the left, a sidebar shows the 'Active' section with a 'Tasks Scheduler' dropdown. Under 'New Day Activities', 'Clean Deleted Entries' is selected. The main area displays a table titled 'Clean Deleted Entries 2 (Last updated at 11:31:41)' with columns for Office Id, Description, and Name. The table contains two rows: one for '***' with description 'Clean Deleted Entries' and name 'XXXCLNDELE', and another for 'AU1' with description 'Clean Deleted Entries' and name 'AU1CLNDELE'.

Office Id	Description	Name
***	Clean Deleted Entries	XXXCLNDELE
AU1	Clean Deleted Entries	AU1CLNDELE

The screenshot shows a task configuration form. At the top, there are fields for Department (dropdown), Office (text), Status (dropdown), and Change status (dropdown). Below these are fields for Name (text) and Description (text). A checkbox 'Attached to script' is present. The 'General Info' section includes a 'Task name' field and a 'Description' field. On the right side of the form, there are two buttons: 'Tasks Scheduler' and 'Exec. History'. At the bottom, there is a 'More Actions' section with 'Undo' and 'Execute' buttons, and a 'Save' button.

Thank you

Arnab Podder
Integration Team

Arnab.podder@finastra.com

 @FinastraFS

 Finastra LinkedIn

 Finastra YouTube