

3



Payment Exception

Product guidelines - v1.0.0

16 Oct 2022



SAP® Recognized Expertise
in Asset Management & Product Lifecycle Management

1 Payment Exception

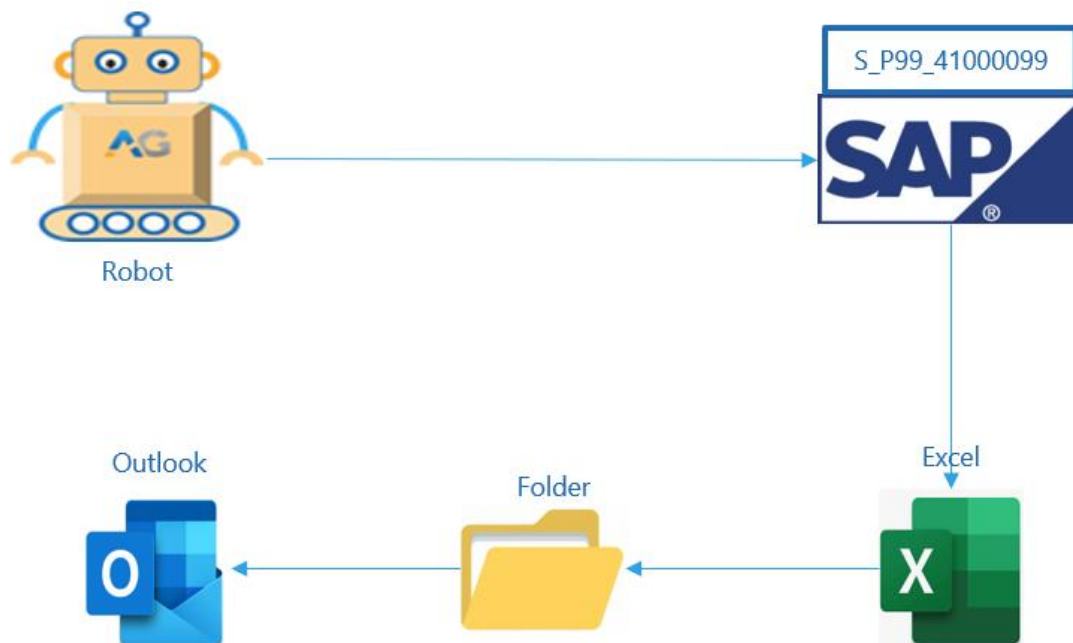
Bot Overview

This process runs Payment exception process after Payment proposals created.

This bot performs the following tasks:

1. Logs into SAP T-code S_P99_41000099.
2. Enters Program run date and Identification parameters.
3. Execute Payment exception list.
4. Download the list to Excel
5. Refer the previous exception file for any comments updated earlier.
6. Email sent to the human colleagues with the report.

Workflow Process



Pre-Requisites

1. UiPath Enterprise version 2021.4.5
2. SAP GUI Desktop application SAP S/4 HANA FI/Co configuration
3. Microsoft Excel
4. Microsoft Outlook
5. SAP Credentials should be set in UiPath Orchestrator
6. Shared folder for input and output files

Package Install Steps

1. Download Package
2. Unzip Package into "Drive"
3. Updates to Config File
 - a. Folder updates
 - b. SAP System updates
 - c. Email Updates
4. Create input files and keep in the relevant folder
5. Creating User ID in SAP
 - a. Relevant Permissions
6. Testing SAP Permissions
7. Publish package to Orchestrator
8. Create Robot and Assign Process, Environment & Machine
9. Run Process end to end

Credential Management

The tool does not store any credentials. The credentials are securely stored in UiPath Orchestrator credential asset named PE_Credential_SAP which is used by the robot to get data from SAP.

Stored Credentials

[PE_Credential_SAP] – credentials for SAP login

Please note that the password should be masked. These are the credentials to log into SAP. If these fields are not set properly the bot will fail to log into SAP.

Robot Config File

The path of the config file is stored in orchestrator asset 'PE_configPath'. This config file supplies inputs to Payment exception report automation.

In Config file's Settings sheet, there are three columns with Column A as Name, Column B as Value and Column C as Description

Name	Value	Description
DAYS	MONDAY,TUESDAY,WEDNESDAY,THURSDAY,FRIDAY	TUESDAY,WEDNESDAY,THURSDAY,FRIDAY
MONDAY	5451M	
TUESDAY		
THURSDAY		
WEDNESDAY		
FRIDAY		
EXCLUSIONLIST		
VARIANT	TIOXIDE	
REFPEEXCELFILE	20201203 Payment Exception List.xlsx	
SEARCHPREVIOUSREFERENCFILE	20*.xlsx	
RAWPAYMENTEXCEPTIONFILENAME	PaymentList.txt	
PEPRODFOLDERPATH	C:\Uipath Robots__Data\Payment Exception Report\Payment Exception Report\Payment exception\	
PETRANSACTIONLOG	C:\Uipath Robots__Data\Payment Exception Report\Payment Exception Report\Log\	\\GBGMFV150\GBBM_Public\TSSC\OPS-PTP\Roz_migration\Neon\Payment exception\AG Test\UAT\DONOT-DELETE-LOGS\
VBAFILEPATH	C:\Uipath Robots__Data\Payment Exception Report\Payment Exception Report\FormatExcel.txt	
T-Code	S_P99_41000099	
SUMMARYEMAILTOLIST	vijayendra.dasari@agcapps.com	don't use semicolon at the end
SUMMARYEMAILCCLIST	sridevi.sapram@agcapps.com	
SUMMARYEMAILSUBJECT	Payment Exception Automation Summary	
EXCEPTIONEMAILLIST	vijayendra.dasari@agcapps.com	for support notification
ROBOTNAME	S2P Payment Exception-Uipath Robot	
ROBOTEMAIL	uipathrobot@agcapps.com	



Credential	UiPathRobotCREDENTIAL	
OrchestratorFolderPath	Default	PaymentExceptionReport
logF_BusinessProcessName	Default	Logging field which allows grouping of log data of two or more subprocesses under the same business process name
SAP_Connection	ED1	01 Neon Production (RPD).. Exact connection to be provided as available in the logon pad
SAP_Client	100	SAP Client
SAP_Credential	SAPPRODCREDENTIAL	SAPQACREDENTIAL, SAPPRODCREDENTIAL
SAP_Language	EN	SAP user language
SMTP_Server	smtp.office365.com	SMTP server
SMTP_Port	587	SMTP Port
SAP_LogonRetry	1	number of times sap logon will be retried on exception
SAP_LogonRetryInterval	10000	Time Interval between sap logon retry
Timeout	5000	Timeout property in activities
ProcessTimeout	300	Seconds
TestRun	No	Yes, No
TestRunDate	31/03/2021	44243

Setup Input Files

Input data:

1. Update the Company specific information in the config file.

Name	Value	Description
DAYS	MONDAY,TUESDAY,WEDNESDAY,THURSDAY,FRIDAY	TUESDAY,WEDNESDAY,THURSDAY,FRIDAY
MONDAY	5451M	
TUESDAY		
THURSDAY		
WEDNESDAY		
FRIDAY		

Exceptions

- SAP Login, like multi login, password expired and SAP connection, then an error will be logged into error log file.
- SAP Server not available then restart Initialize phase of Robot and try again. Retry to be set to 1 or 2 and then raise application exception if limit reached.
- Excel application opening/accessing error, while exporting data from SAP.
- New situation never encountered before or may happened independent of the applications used in the process.

The robot creates an execution log that contains valuable information. For exceptions that have not yet been handled by the robot, this log file will help you investigate the exception. The technical support team will access the file to further debug the problem.

Technical things to check

1. Whenever the result produced by the robot is not complete or is different than the expected result, user should manually try to execute all steps of the business process and carefully check for changes in layout, variants used by Robot, etc. Please note that even very small changes, like for example changing one single letter from lowercase to uppercase, could potentially confuse the robot. In case changes are noticed, those are most of the time easy to fix but the user must contact the technical support team.
2. Another potential fact that could affect the robot's behavior is any change in Windows OS, SAP, or MS Office, moving robot to different location or change of user access rights either in Windows or SAP could potentially negatively impact the robot.