

UM - 061 - MSISDN Blocking Information Broadcast User Manual Document

Table of Contents

| Docu | ment Control Sheet | 3 |
|-------|---|----|
| Intro | oduction | 3 |
| 2.1 | Purpose of this Document | 3 |
| Robo | ot Operating Procedure | 4 |
| 3.1 | Process Flow | 4 |
| 3.2 | Pre-Requisite: Input and Supporting Files | 5 |
| 3.3 | Pre-Requisite: Details | 6 |
| 3.4 | Robot Access and Execution | 21 |
| 3.5 | Execution Schedule / Triggers | |
| 3.6 | Communications by Robot | 27 |
| 3.7 | Possible Business/System Exception Errors | |
| 3.8 | Business Continuity Management | |

Document Control Sheet

| Revision | Date | Description | Author |
|----------|------------|-------------|----------------|
| 1.0 | 29/10/2021 | Draft | Oscar Ian J. |
| 1.1 | 9/10/2024 | Draft | Steven Tjayadi |
| 1.2 | 17/10/2024 | Draft | Steven Tjayadi |
| 1.3 | 28/10/2024 | Draft | Steven Tjayadi |

Introduction

2.1 Purpose of this Document

This document is for the Robot User who is responsible for executing the Software Robot. User manual document for the Robot operation has been developed to meet these specific objectives:

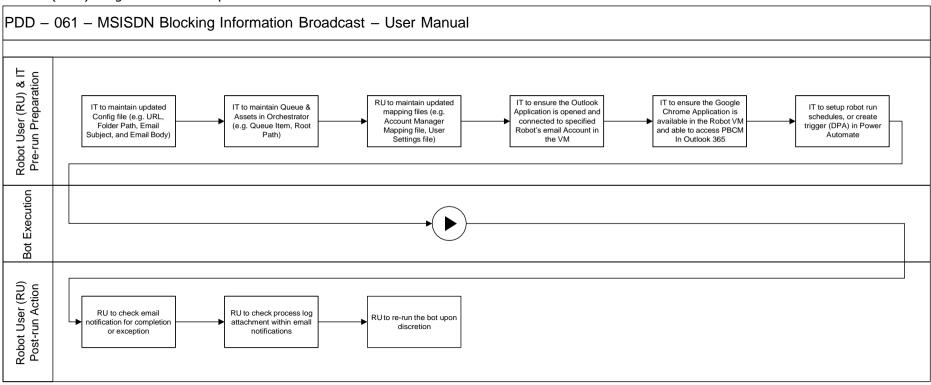
- To maintain the pre-requisites to execute the Robot such as:
 - o Robot Work Queue Items & Assets management in Power Automate.
 - o Config file & Supporting Files management.
- Provide the series of steps to be followed to execute the Robot.
- To be aware of the various communications the Robot will share, how to interpret them to perform appropriate actions.

The purpose of this document is to explain the activities involved in the Robot execution and monitoring, thereby the Robot User will understand and perform their role and responsibilities.

Robot Operating Procedure

3.1 Process Flow

A Visio (flow) diagram of the steps for the Robot User to execute the Robot:



3.2 Pre-Requisite: Input and Supporting Files

Details the list of files and their maintenance required to execute the Robot.

| File Type | File Name | Authorized Role | File Path |
|---|----------------------------|--------------------|--|
| Configuration File | Config.xlsx | IT | https://365tsel.sharepoint.com/sites/Repository-PA/Shared Documents/PA-061-B2B-MSISDNBlockingInformation Broadcast/Robot/Config/Config.xlsx |
| User Settings File | UserSettings.xlsx | IT, SME | https://365tsel.sharepoint.com/sites/Repository-PA/Shared Documents/PA-061-B2B-MSISDNBlockingInformationBroadcast /User/Input/UserSettings.xlsx |
| Account Manager Email Address List | AccountManagerMapping.xlsx | SME | https://365tsel.sharepoint.com/sites/Repository-PA/Shared Documents/PA-061-B2B-MSISDNBlockingInformationBroadcast /User/Input/AccountManagerMapping.xlsx |
| Pivot Template File | PivotTemplate.xlsx | SME | https://365tsel.sharepoint.com/sites/Repository-PA/Shared Documents/PA-061-B2B-MSISDNBlockingInformationBroadcast /User/Input/PivotTemplate.xlsx |

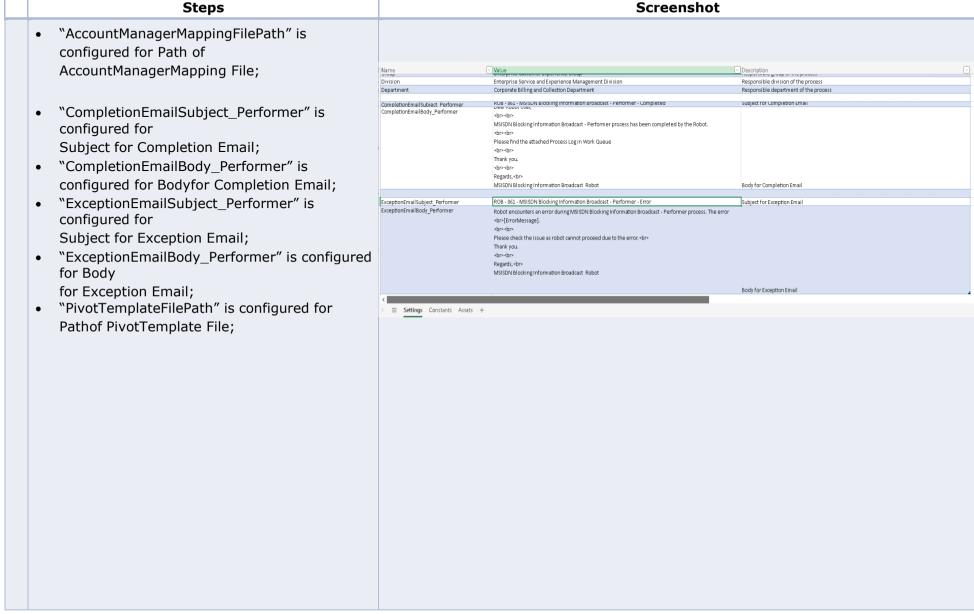
3.3 Pre-Requisite: Details

Below shows, in detail, the list of activities to be conducted before each Robot execution:

| | Steps | | Screenshot | |
|---|---|---|--|--|
| 1 | Config.xlsx maintenance | A Name MSISDNBlockinginformationBroadcastQueue | ROB-061_B2B_CBCD_MSISDNBlockingInfoBroadcast_Queue | C Description Orchestrator queue Name. The value must match with the queue name defined on Orchestrator. Logging field which allows grouping of log data of two or more subprocesses under the same |
| | Ensure the Config file is available in https://365tsel.sharepoint.com/sites/Repository-PA/Shared Documents/PA-061-B2B MSISDNBlockingInformation Broadcast/Robot/Config/Config.xlsx . Ensure that | logf_BusinessProcessName CompletionEmailSubject_Dispatcher CompletionEmailBody_Dispatcher | Framework ROB - 061 - MSISDN Blocking Information Broadcast - Dispatcher - Completed Dear Robot User, - bp dp MSISDN Blocking Information Broadcast - Dispatcher process has been completed by the Robot. Please find the details in Work Queue PA-061-828-MSISDN Blocking Information Broadcast - dp dp Thank you. - bp dp Regards, -bp MSISDN Blocking Information Broadcast Robot | Business process name Subject for Completion Email Body for Completion Email |
| | the values in the Config file are fit forpurpose. If there are any changes in the Config file, the IT support team need to changes in the config sharepoint file. | ExceptionEmailSubject_Dispatcher ExceptionEmailBody_Dispatcher | ROB - D61 - MSISDN Blocking Information Broadcast - Dispatcher - Error Dear Robot User, - dp dpr Robot encounters an error during MSISDN Blocking Information Broadcast - Dispatcher process. The error: [ErrorMessage]. - dpr dpr Please check the Issue as robot cannot proceed due to the error dpr Thank you. - dpr dpr Roanofe - deb | Subject for Exception Email Body for Exception Email |
| | Values can be maintained in Settings sheet: "logF_BusinessProcessName" is configured for the name of the process in Orchestrator logs; "MSISDNBlockingInformationBroadcastQueue" is configured for the name of Orchestrator Queue used; "CompletionEmailSubject_Dispatcher" is configured for Subject for Completion Email in Dispatcher; "CompletionEmailBody_Dispatcher" is configured for body for Completion Email in Dispatcher; "ExceptionEmailSubject_Dispatcher" is configured for subject for Exception | > Settings Constants Assets + | | |

- "ExceptionEmailBody_Dispatcher" is configured for Body in Exception Email in Dispatcher;
- "ProcessLogFilePath" is configured for Path of Process Logs (yyyy-MM-dd HHmm);
- "UserSettingsFilePath" is configured for Path of UserSettings File;
- "OutputFolderPath" is configured for Path of Output folder;
- "CurrentOutputFolderPath" is configured for Path of current month output folder;
- "UserSettingsSheetName" is configured for Excel sheet name for User Settings File;
- "ProcessLogSheetName" is configured for Excel sheet name for Process Log;
- "CurrentMonthFormat" is configured for Formatting convension of current month;
- "PivotTemplateDataSheetName" is configured for Excel sheet name for Pivot Template File to store the data;
- "PivotTemplatePivotSheetName" is configured for Excel sheet name for Pivot Template File to store the pivot table;
- "UserSettingsSheetName" is configured for Excel sheet name for User Settings File;
- "AccountManagerMappingSheetName" is configured for Excel sheet name for Account Manager Mapping File;
- "FilteredTempSheetName" is configured for Excel sheet name for Filtered Temp File;
- "ProcessLogSheetName" is configured for Excel sheet name for Process Log;

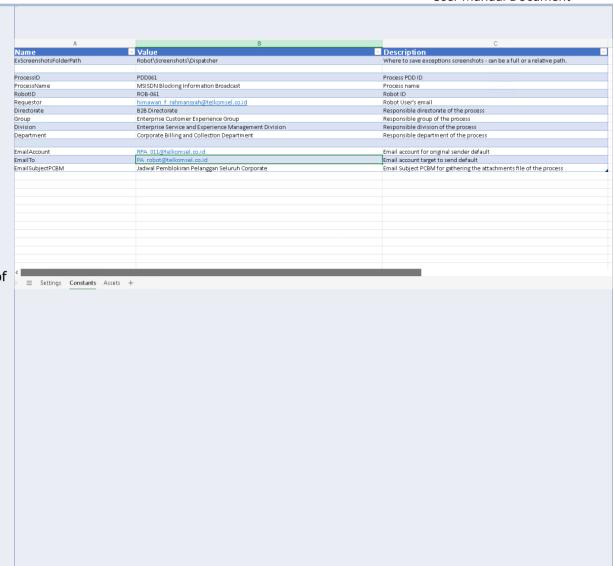
| Varne | | Oser Manual Document |
|--------------------------------|---|---|
| | Value | Description |
| AccountManagerMappingFilePath | User\Input\AccountManagerMapping.xlsx | Path of AccountManagerMapping File |
| ProcessLogFilePath | Robot\Process Log\Dispatcher\ProcessLog [DateToday].csv | Path of Process Logs (yyyy-MM-dd HHmm) |
| UserSettingsFilePath | User\Input\UserSettings.xlsx | Path of UserSettings File |
| OutputFolderPath | User\Output\ | Path of Output folder |
| CurrentOutputFolderPath | User\Output\%CurrentMonth%\ | Path of Output folder |
| PivotTemplateFilePath | User\Input\PivotTemplate.xlsx | |
| UserSettingsSheetName | User | Excel sheet name for User Settings File |
| ProcessLogSheetName | Transaction Log | Excel sheet name for Process Log |
| CurrentMonthFormat | уууу-ММ | Formatting convension of current month for foldering |
| FilteredTempFilePath | Robot\Temp\[DateToday] - PBCM MSISDN Block List.xlsx | Temporary file path for the filtered PBCM MSISDN Block List File (attached on each email to AM) |
| PivotTemplateDataSheetName | Sheet1 | Excel sheet name for Pivot Template File to store the data |
| PivotTemplatePivotSheetName | Sheet2 | Excel sheet name for Pivot Template File to store the pivot table |
| UserSettingsSheetName | User | Excel sheet name for User Settings File |
| AccountManagerMappingSheetName | Email List | Excel sheet name for Account Manager Mapping File |
| -ilteredTempSheetName | [DateToday] - [AM Name] | Excel sheet name for Filtered Temp File |
| ProcessLogSheetName | Transaction Log | Excel sheet name for Process Log |
| | | |
| | | |
| Directorate Group | B2B Directorate Enterprise Customer Experience Group | Responsible directorate of the process Responsible group of the process |



User Manual Document

Values can be maintained in Constants sheet:

- "ExScreenshotsFolderPath" is configured for Where to save exceptions screenshots - can be a full or a relative path;
- "ProcessID" is configured for Process PDD ID in Process Log;
- "ProcessName" is configured for Process name in Process Log;
- "RobotID" is configured for Robot ID in Process Log;
- "Requestor" is configured for Robot User's email in Process Log;
- "Directorate" is configured for Responsible directorate of the process in Process Log;
- "Group" is configured for Responsible group of the process in Process Log;
- "Division" is configured for Responsible division of the process in Process Log;
- "Department" is configured for ResponsibleDepartment of the process in Process Log;
- "EmailAccount" is configured for email account for original sender default when triggering an email
- "EmailTo" is configured for email account to send a notification into robot user for completion and Exception
- "EmailSubjectPCBM" is configured for subject that send email to user.

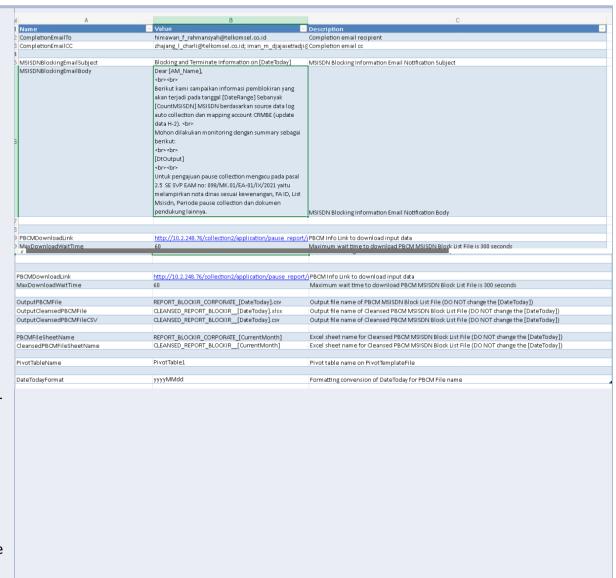


| Steps | Screenshot | | | |
|-------|-----------------------------------|---|-------------------------|---|
| | A Name RootPath RobotEmailAddress | B Asset ROB-061_B28_CBCD_MSISDNBlockinginformationBroadcast_RootPath ROB-061_B28_CBCD_MSISDNBlockinginformationBroadcast_RobotEmailAddress | OrchestratorAssetFolder | Description (Assets will always overwrite other con Robot's foldering root path <c\\user\land\text{best} address="" email="" for="" in="" logged="" outlook<="" robot's="" synthemap\\desktop\\rob-061-828-cb\the="" th=""></c\\user\land\text{best}> |

2 <u>UserSettings.xlsx maintenance</u>

Ensure the UserSettings file is available in https://365tsel.sharepoint.com/sites/Repository-PA/Shared Documents/PA-061-B2B
MSISDNBlockingInformation
Broadcast/User/Input/UserSettings.xlsx
https://example.com/sites/PA-061-B2B
https://example.com/sites/PA-061-B2B
MSISDNBlockingInformation
https://example.com/sites/PA-061-B2B
MSISDNBlockingInformation
https://example.com/sites/PA-061-B2B
htt

- "CompletionEmailTo" is configured for Completion email recipient;
- "CompletionEmailCC" is configured for Completion email cc;
- "MSISDNBlockingEmailSubject" is configured for MSISDN Blocking Information Email Notification Subject;
- "MSISDNBlockingEmailBody" is configured for MSISDN Blocking Information Email Notification Body;
- "PBCMDownloadLink" is configured for PBCM
 Info Link to download input data;
- "MaxDownloadWaitTime" is configured for Maximum wait time to download PBCM MSISDN Block List File is 300 seconds;
- "OutputPBCMFile" is configured for Output file name of PBCM MSISDN Block List File (DO NOT change the [DateToday]);



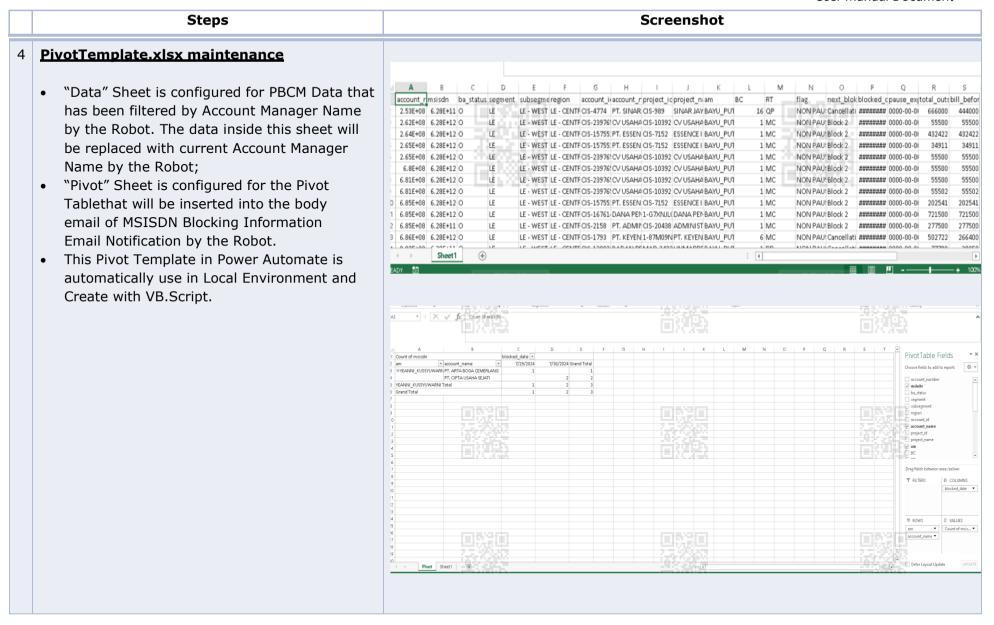
| • | "OutputCleansedPBCMFile" is configured for | | | |
|---|--|--|--|--|
| | Output file name of Cleansed PBCM MSISDN | | | |
| | Block List File (DO NOT change the | | | |
| | [DateToday]); | | | |

- "PBCMFileSheetName" is configured for Excel sheet name for Cleansed PBCM MSISDN Block List File (DO NOT change the [CurrentMonth]);
- "CleansedPBCMFileSheetName" is configured for Excel sheet name for Cleansed PBCM
- "OutputPCBMFileWest" is Output file name of Cleansed PBCM MSISDNBlock in West
- "OutputPCBMFileEast" is Output file name of Cleansed PBCM MSISDNBlock in Eest
- "OutputPCBMFileInfrastructure" is Output file name of Cleansed PBCM MSISDNBlock in Infrastructure
- "OutputPCBMFileBanking" is Output file name of Cleansed PBCM MSISDNBlock in Banking
- "OutputPCBMFileGovernment" is Output file name of Cleansed PBCM MSISDNBlock in Government
- "OutputCleansedPCBMFileWest" is configured for Output file name of Cleansed PBCM MSISDNBlock List File in West
- "OutputCleansedPCBMFileEast" is configured for Output file name of Cleansed PBCM MSISDNBlock List File in East
- "OutputCleansedPCBMFileInfrastructure" is configured output of Cleansed PBCM MSISDNBlock List File in Infrastructure

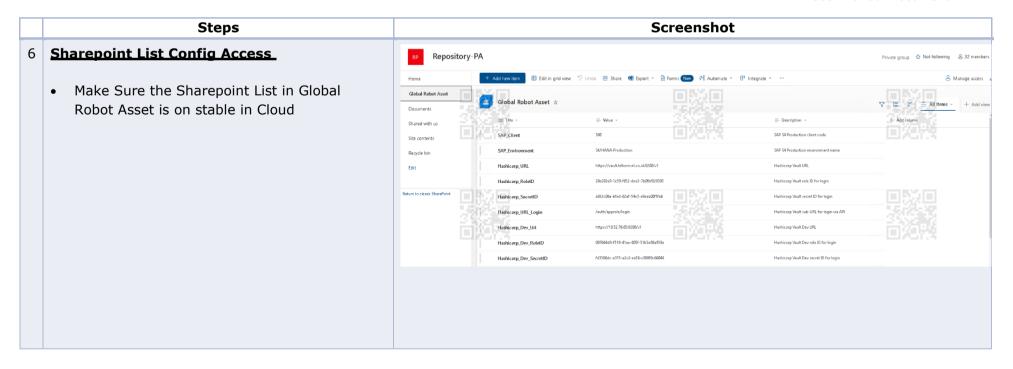
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| OutputCleansedPBCMFileGovernment | |

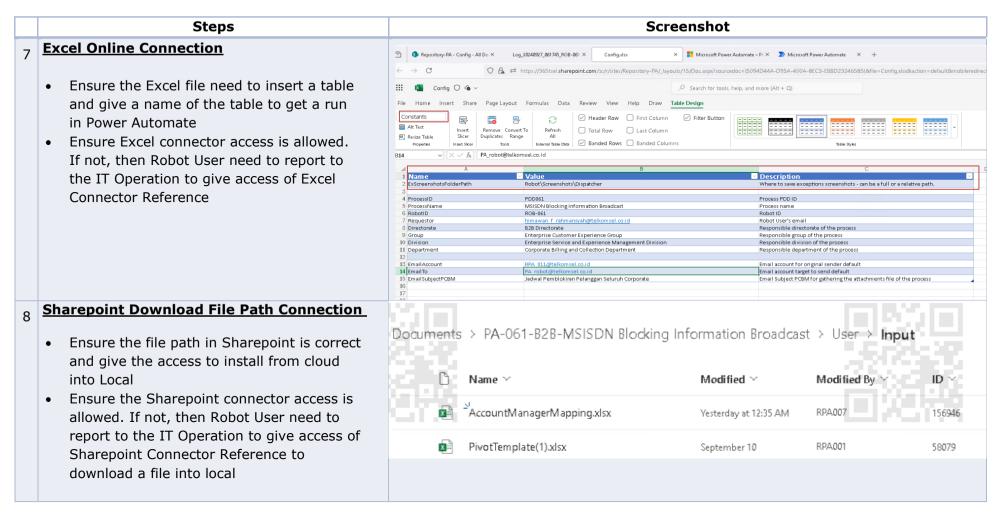
| "OutputCleansedPCBMFileBanking" is configured for Output file name of Cleansed PBCM MSISDNBlock List File in Banking "OutputCleansedPCBMFileGovernment" is configured for Output file name of Cleansed PBCM MSISDNBlock List File in Banking Noted: all Output do not change the DateToday | | Oser Manda Document |
|--|--|---------------------|
| | configured for Output file name of Cleansed PBCM MSISDNBlock List File in Banking • "OutputCleansedPCBMFileGovernment" is configured for Output file name of Cleansed PBCM MSISDNBlock List File in Banking | |
| | Noted: all Output do not change the Dateroday | |
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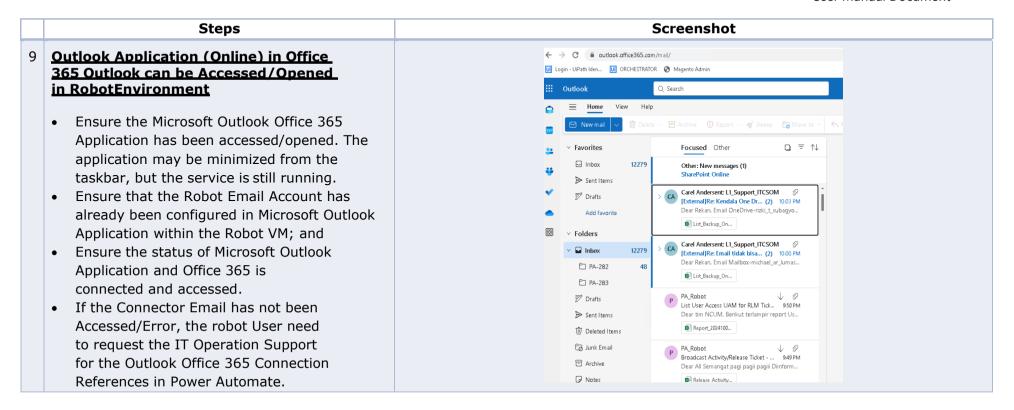
| | Steps | | Screenshot | |
|---|---|---|------------|--|
| 3 | AccountManagerMapping.xlsx maintenance | A | В | С |
| 3 | • | A 1 AccountManagerName 2 ACHMAD SYAFRIAN 3 ADI RISWANTO 4 ADIE KRISNANTO 5 ADISTY FARISTANIA 6 ADNAN HARDJO SUMANTRI SIPAYUNG 7 ADWINRIZAL HILMANSYAH 8 ADY TAMARA 9 AJI P SUANZA 10 AKMAL HIDAYAT 11 ALAN TRI WIJAYA 12 ALBERT S.M.SILALAHI 13 AMX A1SBSO2 14 AMX A1SBSO4 | | estining p_p@telkomsel.co.id Projo_nt_hartadi@telkomsel.co.id isti_a_sofiyanti@telkomsel.co.id Ajeng_Wiyandari@telkomsel.co.id firman_rasyid@telkomsel.co.id Joko_Mulyanto@telkomsel.co.id nurman_munaf@telkomsel.co.id megakartika_w_rosetyajati@telkomsel.co. sandy_adyat@telkomsel.co.id firman_rasyid@telkomsel.co.id S_H_Hadi@telkomsel.co.id Sahrul_arif@telkomsel.co.id sahrul_arif@telkomsel.co.id |
| | "AccountManagerName" Column is configured for Account Manager Name. "EmailTo" Column is configured for email address list that will be used for MSISDN Blocking Information Email Notification "EmailCC" Column is configured for email address list that will be used for MSISDN Blocking Information Email Notification | | | |

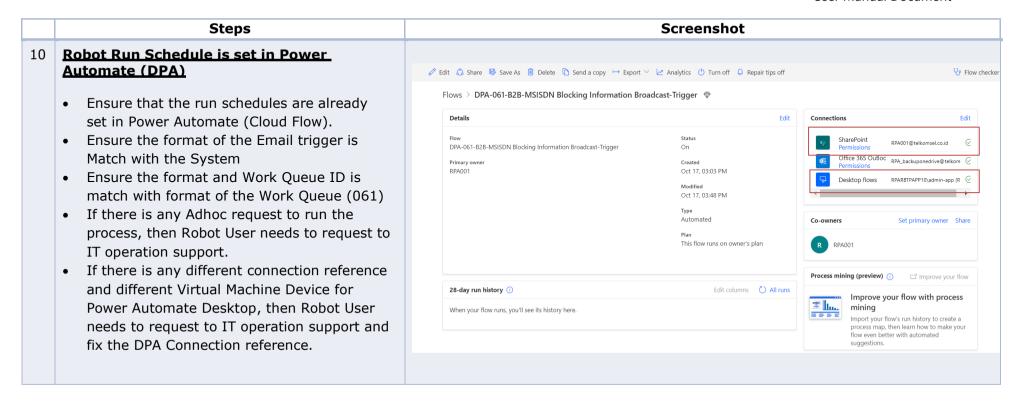


| | Steps | | | Scree | nshot | | |
|---|---|--|--|---------------------------------------|---------------------------------|-----------------------|------------------|
| 5 | Power Automate & Work Oueues maintenance Ensure the correct format that connect and stored into Power Automate to process in | | .061-B2B-CBCD-MSISD PA-061 MSISDN Blocking Info | _ | on Broadcast-Queue | | |
| | DPA and RPA.Ensure the process of Power Automate | Work queue details | | | | | Advanced details |
| | can be status process and queued. • Ensure the Process Status is Active | Process status Active Items expire after Average handling time to the state of t | Created on Sep 23, 10:41 AM Schema — trend (last 7 days) ① | Owner #RPA007 Items max retry count 0 | Modified on Sep 23, 10:41 AM | Modified by # RPA001 | |
| | | 0 Average Processing D | Duration (In Seconds) | 71 | | | |



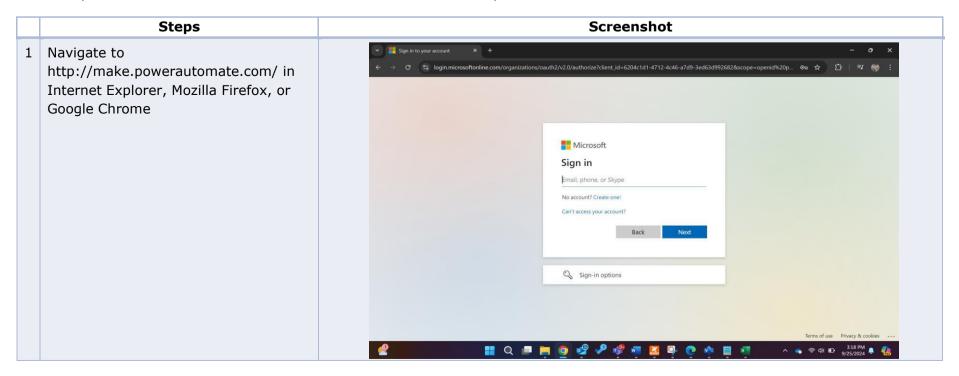


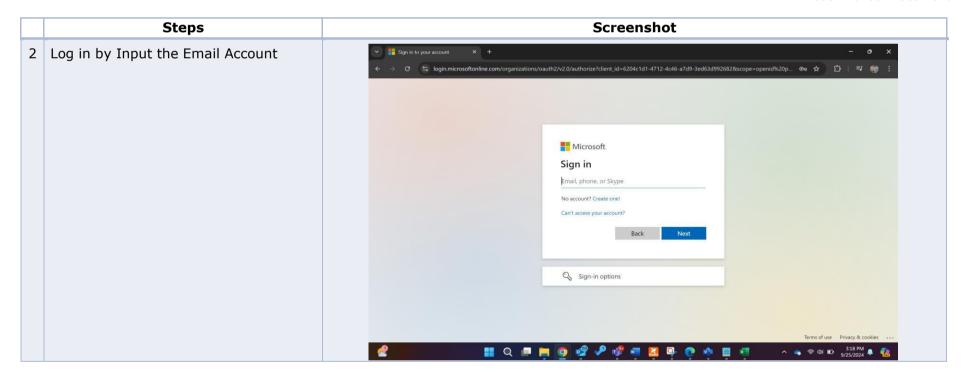


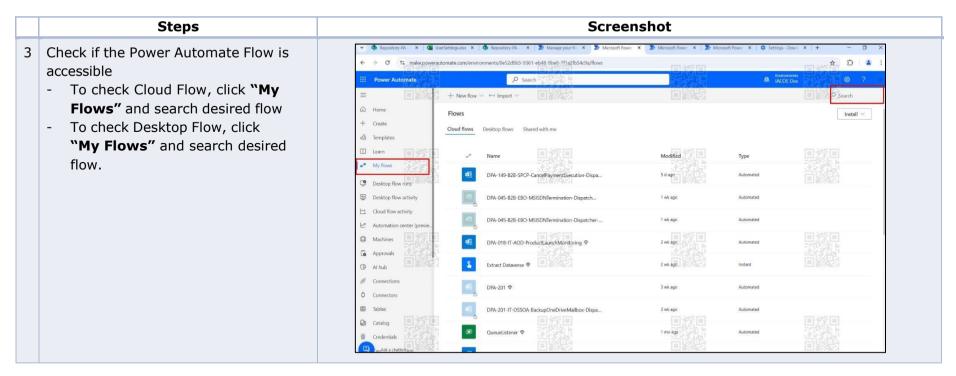


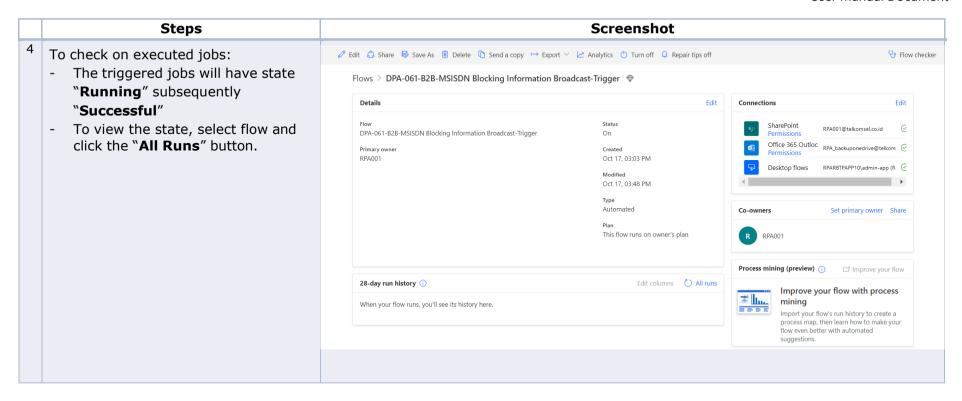
3.4 Robot Access and Execution

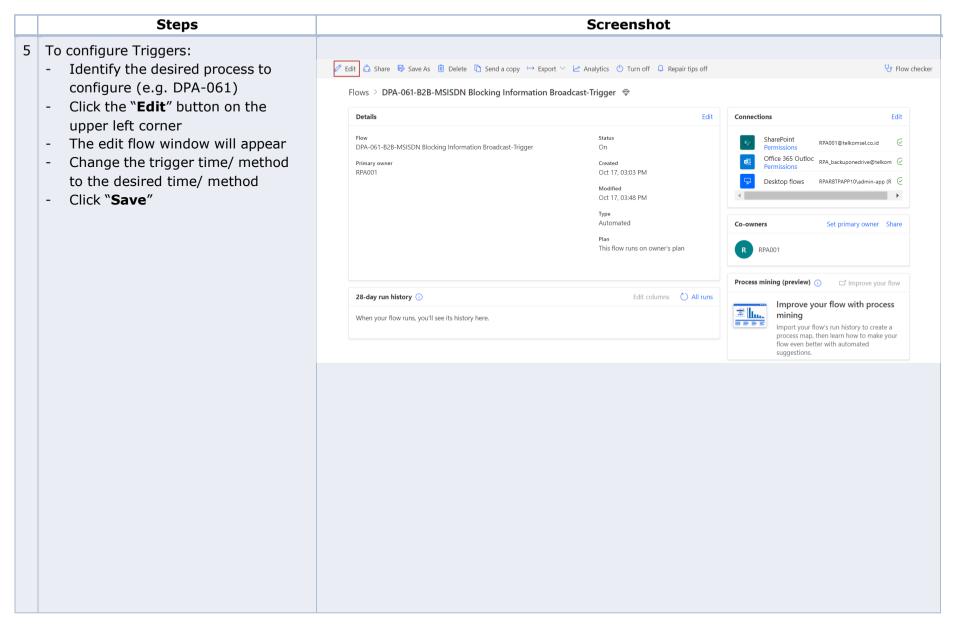
List of steps with screenshots on how to access and execute the Robot process.











3.5 Execution Schedule / Triggers

Bot execution time and schedules are configurable by the Robot User in the Orchestrator (as described in Section 3.4):

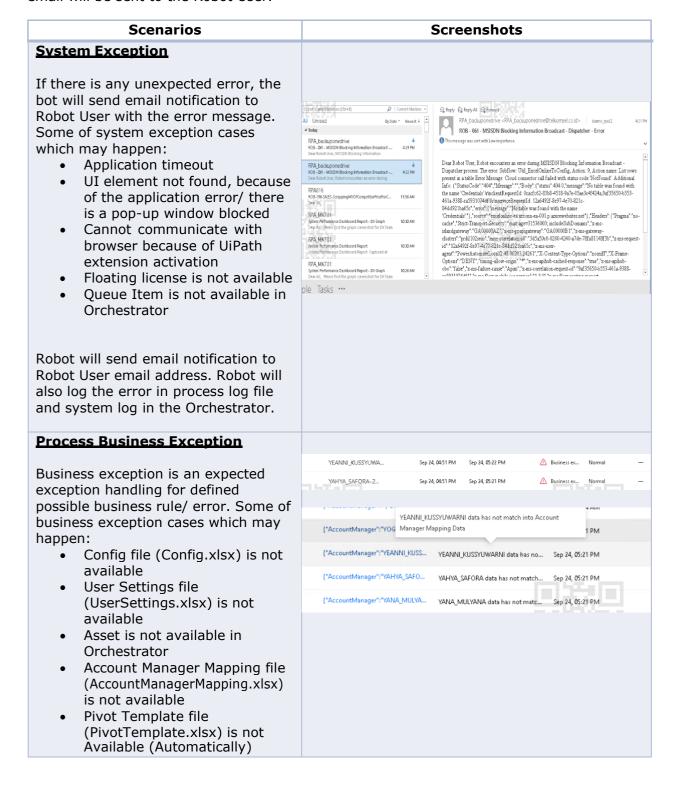
| Parameters | Values |
|----------------------------------|---|
| Frequency (Daily/Weekly/Monthly) | Trigger by Email Sent by PCBM Info |
| Time | Monday, Wednesday, Friday (10:30-11:00) |
| Subject Filter | Jadwal Pemblokiran Pelanggan Corporate |

3.6 Communications by Robot

List of the emails triggered by the Robot during its execution span, actions required on receipt of these emails.

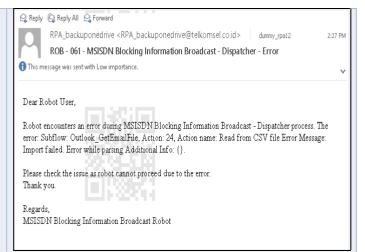
Robot Execution - Error

If the Robot encounters the errors below, it is unable to proceed further. Hence, an Error email will be sent to the Robot User.



For any business exception happened – where there is invalid user input or certain business rule in target application within the transaction process, Robot will send a business exception email to inform user the exact transaction details and errors. Robot will also log the error in process log file and system log in the Orchestrator.

Robot User or IT may need to revise the data and re-trigger the bot by updating the invalid data.



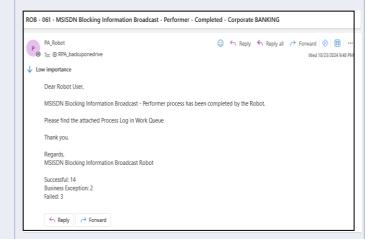
Transaction Business Exception

Business exception is an expected exception handling for defined possible business rule/ error. Some of business exception cases which may happen:

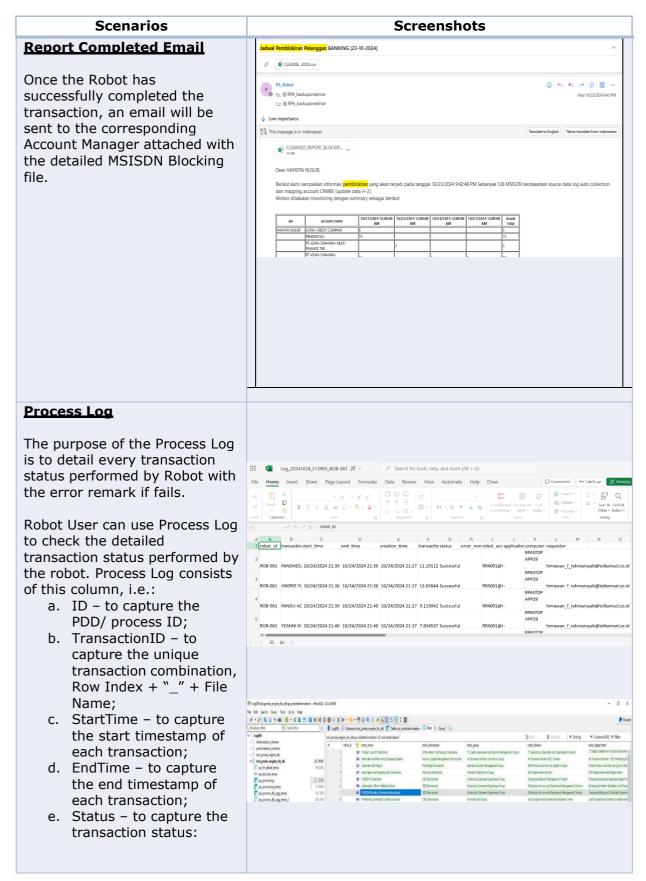
- Account Manager name is not found on AccountManagerMapping.xlsx
- Account Manager name is found, but the EmailTo or EmailCC field is empty on AccountManagerMapping.xlsx
- The email address retrieved from AccountManagerMapping.xlsx is not valid

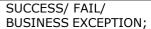
For any business exception happened – where there is an invalid transaction oremail addresses within the transaction process, Robot will proceed to the next available transaction. Robot will also log the error in process log file and system log in the Orchestrator.

Robot User or IT may need to revise the data and re-trigger the bot by updating the invalid data.



Robot Execution - Completion





- f. ErrorRemark to capture the business or system exception remark if the transactionstatus is FAIL/ BUSINESS EXCEPTION;
- g. RobotID to capture the user ID used by therobot to login into application;
- h. ComputerID to capture the computer name used by the robotto run the process;
- Requestor to capturethe Requestor email in the Input file;
- j. Directorate to capture the directorate name of this process;
- k. Group to capture thegroup name of this process;
- Department to capture the department name of this process;
- m. Division to capture the division name of this process; and
- n. Case_Creation_Timeto capture thecreationtime of theinput file.
- Log_Id Consists of auto Log of each database

Process log files can also be found in Sharepoint Online in Repository PA Robot Asset (061/Robot/Process Log).

3.7 Possible Business/System Exception Errors

During Robot execution, there are some situations that will cause exception errors. For companies that encounter business and/or system exception errors, refer to the possible root causes and their respective corrective actions below:

| Possible Root Causes | Corrective Actions |
|--|--|
| Sharepoint List is not available in the cloud connector SharePoint | Contact IT operation support to check the Config file of Sharepoint list availability in Repository PA Robot. |
| Config excel file is not available inthe designated folder in Sharepoint Online | Contact IT operation support to check the Asset availability in Repository PA Robot defined in Config file (currently in Shared Documents ROB-061/Robot/Config). |
| Queue Item is not available in the Orchestrator | Contact IT operation support to check the Queue Item availability in Power Automate defined in Work Queue (currently in ROB-061). |
| User Settings file is not available in the designated folder | Check "UserSettings.xlsx" availability in the designated folder defined in Config File (currently at Shared Documents//061/User/Input folder). |
| Account Manager Mapping file is not available in the designated folder | Check "AccountManagerMapping.xlsx" availability in the designated folder defined in Config File (currently at Shared Documents//061/User/Input folder). |
| PBCM Email Subject and file is incorrect | Check "PBCMSubjectFormat" value in Config Constants file and use report_blockir_data.csv as default. |
| Account Manager Name is not found on the Account Manager Mapping file, or is found but missing the value | Check the availability of the Account Manager Name and the email addresses in the Account Manager Mapping file |
| Email addresses stated in the Account Manager Mapping file is invalid email | Check and validate the email addresses stated in the Account Manager Mapping file |

3.8 Business Continuity Management

Robot users will be executing workload manually referring to the internal standard operating manual until bot resumes operation.

Rerun Transaction

