

**DMX**

**Standard Operating Procedure Document**

**Version History:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Version** | **Date** | **Details** | **Contributors** | **Revision Comments** |
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## 

## Purpose

This document will depicts the standard operating procedures of DMX application Users. It will help DMX users to be familiar with the DMX standard procedures and can refer/follow it as when required.

## Scope

Scope of this document is limited to DMX application only. This document covers the integration part of DMX with other applications like RPA and SAP.

## Role and Resposibilty

|  |  |
| --- | --- |
| **Role** | **Responsibility** |
| Requestor | DMX business user who is responsible for creating the request |
| Approver | DMX business user who is responsible for Approving the request |
| SAP Fulfillment | DMX business user who is responsible for Fail/Complete the request |
| DMX Tech Admin | DMX Technical User who is responsible for performing Admin Operations |
| DMX Business User | DMX Business User who is responsible for Creating Incident or Enhancement for any Change |

## Keyword and Definition

|  |  |
| --- | --- |
| **Keyword** | **Definition** |
| DMX | Data Management Express |
| RPA | Robotic Process Automati |
| SAP | Systems, Applications & Products in Data Processing |
| AWS | Amazon Web Services |
| SSO | Single Sign-on |

## Business Function

DMX Application is to replace and streamline the current process of submitting the requests to create Master Data in SAP. It is also one stop shop from creation of request to fulfillment in SAP and audit. It will keep complete history workflow of each request.

DMX is basically the data entry point to Create, Update, Block and Delete the Master Data in SAP. There are multiple level of approval of the Master data before going into SAP. There is automated process which is responsible of creating, updating, blocking, deleting the data in SAP which generated through this application

## Procedures

### DMX Application Access

DMX application access user guide for DMX User



### DMX Tech Admin Operation:

DMX application operations performed by the Tech Admin ( Technical Team )



### DMX Manual Process to update Master Dropdown Values:

Update Master dropdown values manually through Backend API



## Configuration

### Environment Configuration different Environment

**Local Environment :** export APP\_ENV=tapestry\_local

**Dev Environment :** export APP\_ENV=tapestry\_dev

**QA Environment :** export APP\_ENV=tapestry\_qa

**PROD Environment :** export APP\_ENV=tapestry\_prod

### Application Configuration

All the application level configuration are maintained in the configuration.js

Below are the configuration parameters:

**whitelist\_ips :** List of IPs which needs to be whitelisted

**enable\_push\_notification:** If we want enable/disable application push notifications

**only\_sso\_login:** Enable/Disable only SSO login. Always Enabled for PROD Environment

**https:** Enable/Disable HTTPS protocol

**email\_sub\_prefix:** Email Prefix

**applicationDownDistributionList:** List of email address to send Application Down notification

**sso\_url:** SSO URL

**site\_url:** Application URL

**login\_url:** Application Login URL

**notify\_url:** Notify URL

**public\_url:** Public URL

**excel\_download\_directory\_path:** Excel report download path

**image\_upload\_dir:** Image upload directory

**file\_upload\_dir:** File Upload Directory

**site\_name:** Site Name ( Tapestry)

**display\_thanks\_name:** Display Name - Data Management Express (DMX)

**RPAParams:** RPA Parameters

**SAPParams:** SAP Parameters

**RPAResponseImagePath:** Image path for the RPA response/errors

**s3Bucket:** S3 Buket Configuration for storing documents

**sso:** SSO related configurations

**cronjobs:** Scheduled JOB configuration

**sap:** PE1 SAP Configuration

**sap\_qa:** QE1 SAP Configuration

**rpa\_login\_access\_hash:** RPA Login Hash code

**database:** Database configuaration Details

**mail:** Mail Server details

**email\_header: Email Header Template**

**email\_footer: Email Footer Template**

**request\_fallback\_level**:LEVEL WOULD BE ONE OF THESE [REQUESTOR, APPROVER\_FIRST, APPROVER\_LAST]

**duration\_to\_delete\_old\_xlsx\_files:** Number of files to be kept

## Maintenance/Versioning

DMX application is being Maintained/Versioned in GitHub Repository:

<https://github.com/aicgit/DMX_Node1.git>

<https://github.com/aicgit/DMX_Angular1.git>

## Change Process

DMX Change/defect/Enhancement is maintained through ServiceNow

