

O&T Dashboard

**DATA MIGRATION FROM PROD TO STAGE ENVIRONMENT**

Document Control

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| --- | --- | --- | --- |
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| **Version Description** | Initial Version | **Version #** | 1.0 |

Revision History

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S No** | **Date** | **Version #** | **Section Changed** | **Details of changes made** | **Approved by** |
| 1 | 9/19/18 | 1.0 | ALL | Initial Version |  |

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# INTRODUCTION

## Overview

The overall objective is to provide expense reports to the Intermediate users without providing the actual SSO

## 1.2 Solution Approach

Data is migrated from PROD to STAGE environment and then SSO are updated with invalid SSO

*INFORMATICA TEAM*

*TERADATA TEAM*

*OTS STAGE TABLES SSO MASKING*

*TERADATA OTS STAGE TABLES*

*TERADATA OTS PROD TABLES*

*Informatica*

## 1.3 Technology Stack

|  |  |
| --- | --- |
| **Technology** | **S/W & Hardware** |
| ETL tool | Informatica |
| Connectivity | ODBC, TPT API |
| Scheduler | Control-M |
| Database | TERADATA |
| Target Server | tdprodla.tfayd.com |
| Target Database | OTSDW\_DBO,OTSDW\_STAGE,OTSDW\_VM, OTSDW\_WRK |

# PROCESS

TERADATA team will migrate the data from PROD to STAGE before every Thursday 4 PM EST. Then the SSO are masked in STAGE environment using Informatica for Expense reporting related tables. Once the SSO are masked the Tableau team will generate reports and the intermediate user can view those reports

Technical details are provided below

|  |  |
| --- | --- |
| **Technology** | **S/W & Hardware** |
| Script Name | HQ\_data\_masking.ksh |
| Control M Job | OTSWPHQDAT.txt |
| Environment | STAGE |

# On Going Issue:

As the SSO are masked they become INVALID which is causing Skewness in the Expense reporting tables in TERADATA. Due to this there is a Space issue in STAGE environment which is causing loads failures. We need find a way to where we can reduce the table Skewness so that there won’t be any load failures