



DMAP Release Note



Date: 11-February-2023

DB Migration Image: v8.0.0.4 | Binary Version: v8.0.2.2

App Migration Image: v1.0.0.6 | Binary Version: v1.0.1.2

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1. Introduction

This document provides an overview of enhancements rolled out with the new DMAP DB Migration Image version 8.0.0.4 & Binary version 8.0.2.2 and DMAP App Migration Image version 1.0.0.6 & Binary version 1.0.1.2. In this document Image refers to docker image that is used to launch docker based containers for DMAP DB & App migration features.

2. Changes / Enhancements

Sr. #	Change Description
1	New DB constructs implemented to improve Schema conversion to PostgreSQL
2	Added new PDF report to view Oracle Database Performance Metrics report for each database for which performance analysis is done using output generated by executing DMAP provided SQL scripts on Production database instances
3	Create Application & Database Assessment report for each application that you wish to migrate to Azure. Report summarizes DMAP lead assessment analysis to determine complexity and rough order of magnitude (ROM) to migrate applications and databases to Azure. This includes details about: <ul style="list-style-type: none"> • Oracle database schema conversion to PostgreSQL • Data migration & performance analysis of Oracle database • Application migration to Azure IaaS/PaaS and Application SQL remediation to support database change to PostgreSQL • Target Azure PostgreSQL database solution that shall replace current Oracle databases • Recommendations on size of Azure PostgreSQL database instances and Azure Application VMs to run workloads like on-premises
4	Replaced database questionnaire to fill database details like size, server hardware configuration, Oracle features used, database growth rate etc. with an excel file intake in which user can fill details of all databases in one go
5	Enhanced App & DB details page look and feel
6	Enhanced App Migration functionality to extract and remediate SQL queries from Properties and SQL files
7	Enhanced App Migration functionality - Introduced adaptive framework to accommodate custom ORM and coding styles
8	Optimized logic to find Dead code functionality in Application codebase to help in reducing technical debt for the application
9	Optimized JRE Upgrade functionality in App Migration

3. Installation Procedure

Updates will be automatically downloaded when you restart your DMAP docker containers. Please wait for 10-15 minutes depending upon your internet speed to allow updates to be downloaded. While updates are being downloaded, DMAP login page will not open in

chrome browser. You can refresh login page after few minutes to confirm that your DMAP version has been updated successfully.

To install DMAP or view the Release Notes, please visit <https://newtglobal.com/dmapreleases/>

4. Minimum Image Requirements

This release requires below mentioned minimum versions of DMAP DB and App migration container images.

Minimum DB Migration Container Image version: 8.0.0.4

Minimum App Migration Container Image version: 1.0.0.6

If you are running DMAP containers with an older version of image, then upon restarting the containers you will be prompted to upgrade to latest version of images.

5. Support

For immediate assistance, please contact us at dmap@newtglobalcorp.com and one of our technical team members will work with you to resolve your issue.