

Database Practices Guide
Oracle Banking Payments
Release 14.3.0.0.0
[August] [2020]



Table of Contents

1. INTRODUCTION	1-1
2. TABLESPACE LAYOUT AND MOVING TABLES TO RESPECTIVE TABLESPACES	2-1

1. Introduction

This document contains Oracle Banking Payments-specific Database best practices.

2. Tablespace Layout and Moving Tables to Respective Tablespaces

Oracle Banking Payments Tables and Indexes are placed in Default Tablespace.

Oracle Banking Payments tables and indexes can also be placed in corresponding tablespaces according to their usage. i.e. heavily populated tables and corresponding indexes can be placed in tablespaces with higher extent size whereas the maintenance tables where the data population is less can be placed in a tablespace with smaller extent size. This avoids frequent space allocation in turn improve the performance.

For example, table PMTB_OUT_TXN is heavily populated hence this table and its indexes can be placed in tablespace PMDATAXL and PMINDXXL respectively where extent size is high.

Setting up of tables and indexes to corresponding tablespace is optional.

The Tablespaces can be as follows:

Tablespace name	Tablespace type	Extent management	Segment space management
PMDATASML	DATA	LOCAL	AUTO
PMINDXSML	INDEX	LOCAL	AUTO
PMDATAMED	DATA	LOCAL	AUTO
PMINDXMED	INDEX	LOCAL	AUTO
PMDATALAR	DATA	LOCAL	AUTO
PMINDXLAR	INDEX	LOCAL	AUTO
PMDATAXL	DATA	LOCAL	AUTO
PMINDXXL	INDEX	LOCAL	AUTO
PMDFLT	AD HOC	LOCAL	AUTO
PMDATAPARTLAR	DATA	LOCAL	AUTO
PMINDXPARTLAR	INDEX	LOCAL	AUTO

Distribution of tables to tablespace mapping can be found in the excel OBPM-Tablespace-Distribution-19c.xlsx

Sample script to move table and index:

```
Alter table PMTB_OUT_TXN move tablespace PMDATALAR;
```

```
Alter index PMTB_OUT_TXN_IDX2 rebuild tablespace PMINDXLAR;
```

Similarly, all tables and indexes should be moved to respective tablespaces.



Oracle Banking Payments Product-specific Database Practices Guide
[August] [2020]
Version 14.3.0.0.0

Oracle Financial Services Software Limited
Oracle Park
Off Western Express Highway
Goregaon (East)
Mumbai, Maharashtra 400 063
India

Worldwide Inquiries:
Phone: +91 22 6718 3000
Fax: +91 22 6718 3001
www.oracle.com/financialservices/

Copyright © 2007, 2020, Oracle and/or its affiliates. All rights reserved.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are “commercial computer software” pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate failsafe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

This software or hardware and documentation may provide access to or information on content, products and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

