Preface

This preface contains these topics:

- Audience
- Documentation Accessibility
- Related Documents
- Conventions

Audience

This document is intended for database administrators (DBAs) who are responsible for the operation, maintenance, and performance of Oracle Database. This guide describes how to use Oracle Database performance tools to optimize database performance. This guide also describes performance best practices for creating an initial database and includes performance-related reference information.

> ✎ **See Also:**
>
> - *Oracle Database SQL Tuning Guide* for information about how to optimize and tune SQL performance
> - *Oracle Database 2 Day + Performance Tuning Guide* to learn how to use Oracle Enterprise Manager Cloud Control (Cloud Control) to tune database performance

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

Access to Oracle Support

Oracle customer access to and use of Oracle support services will be pursuant to the terms and conditions specified in their Oracle order for the applicable services.

Related Documents

Before reading this guide, you should be familiar with the following documents:

- *Oracle Database Concepts*
- *Oracle Database Administrator's Guide*
- *Oracle Multitenant Administrator's Guide*

- *Oracle Database 2 Day DBA*

- *Oracle Database 2 Day + Performance Tuning Guide*

To learn how to tune data warehouse environments, see *Oracle Database Data Warehousing Guide*.

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`monospace`	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Changes in This Release for Oracle Database Performance Tuning Guide

This preface contains:

- [Changes in Oracle Database Release 23ai](#)

Changes in Oracle Database Release 23ai

The following are changes in *Oracle Database Performance Tuning Guide* for Oracle Database release 23ai.

New Features

The following features are new in this release:

- [ADDM Spotlight](#) provides a visual representation of critical performance categories, rates the overall impact on system performance, and provides recommendations.

  [Monitoring Databases with Performance Hub](#) provides the ability to monitor database activity, diagnose issues, and tune queries to improve the performance of Oracle databases.

- Enhanced Result Cache provides better scalability, better control of what is being cached, and broadens the applicability to cache results beyond the limits of pure-memory storage.

> ✎ **Note:**
>
> See [Setting the Result Cache Mode](#)