ORACLE

ORACLE 23ai Database 25

... für Forms Entwickler

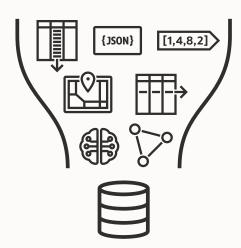
How We Deliver the Vision –

Complete and Simple Platform for All Data Management Needs

Converged Database

Complete support for all modern data types, workloads, and development styles

Completely consistent, scalable, available, and secure



Autonomous Database

Converged DB delivered as a self-driving, self-securing, self-repairing Cloud Database

Simplest DB for developing and running any apps or analytics at

any scale or criticality



Native AI in the Database



In-database AI/ML Predictive models



Al Vector Search



Generative Al



Die 23ai Converged Datenbank und ihre SQL Erweiterungen

Developer Role



Schema Level Privileges



SQL Enhancements



4096 Columns



Error Messages



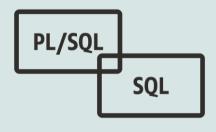
SQL Domains



Property Graph



SQL Macros/Transpiler





JSON & RESTful Services in und mit der Datenbank

JSON in the Database



ORDS



RESTenable the Database



JSON Relational Duality



Document Store



MongoDB API



Verschiedenes

Lock-free Reservations



JavaScript



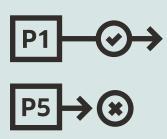
SQL Firewall



Microservices



Priority Transactions



Ubiquitous Search



Misc







OKafka



Database Upgrade Guide

Title and Copyright Information

Preface

- 1 Introduction to Upgrading Oracle
 Database
- 2 Preparing to Upgrade Oracle Database
 - 3 Upgrading Databases with Oracle Data Guard Standbys
- 4 Using AutoUpgrade for Oracle Database
 Upgrades
- 5 Upgrades of PDBs and Non-CDBs Using Replay Upgrade, AutoUpgrade or FPP Gold Image
- 6 Troubleshooting the Upgrade for Oracle Database
- 7 Postupgrade Tasks for Oracle Database
- 8 Upgrading Applications After Upgrading Oracle Database
 - 9 Downgrading Oracle Database to an Earlier Release

10 Oracle Database Changes, Desupports, and Deprecations

10 Oracle Database Changes, Desupports, and Deprecations

To assist you with developing a long-term plan for your database patching and upgrades, Oracle provides this list of changes, deprecations and desupports across multiple releases.

This document is updated regularly to reflect information Oracle can provide about releases as they happen, so that you can plan for changes in releases that you plan to move to at a later date. For example, if you are upgrading to Oracle Database 19c, it can be helpful for your long-term planning to be aware of features that have been desupported in a later release, or for which there is a deprecation notice in a later release. In addition, it can be helpful to be aware that security protocols or default parameter settings have changed in a later release, so that you can begin your preparations for that change in your current release well before you want to upgrade to a release where those deprecations or desupports are in effect.

- About Deprecated and Desupported Status
 In addition to new features, Oracle Database releases can modify, deprecate or desupport features, and introduce upgrade behavior changes for your database
- Desupported and Deprecated Release Notice Dates
 You can identify the date that a desupport or deprecation notice has been published by using the datestamp on the topic.
- Using the ORADiff Tool to Find Release Changes

https://docs.oracle.com/en/database/oracle/oracle-database/23/upgrd/oracle-database-changes-deprecations-desupports.html



Oracle Release Analyser Diff Utility (OraDiff)

https://oradiff.oracle.com/

