



Relational Database Concepts

Oracle Database Release Numbers

PRESENTED BY IMGARD EKOKOBE



Objectives

- Understand database release numbers and what they mean.

Oracle Database Release Numbers

- 11 - Major database release number
- 2 - Database maintenance release number
- 0 - Application server release number
- 1 - Component specific release number (or patch set release)
- 0 - Platform specific release number





Oracle Release numbers

- Because Oracle Databases continue to evolve and can require maintenance, Oracle periodically produces new releases.
- Oracle Database releases are categorized by five numeric segments, which are divided by periods.
- The first, second, fourth, and fifth numerals provide information about the Oracle Database release.



Oracle Release Numbers

- **Major Database Release Number** - The first digit is the most general identifier. It represents a major new version of the software that contains significant new functionality. For example: Oracle 10g, Oracle 11g, Oracle 12c.
- **Database Maintenance Release Number**- The second digit represents a maintenance release level. Some new features may also be included. For example Oracle 12c release 1 (12c1); Oracle 12c release 2 (12c2); Oracle 11g Release 1 (11gR1); Oracle Database Release 2 (11gR2)



Oracle Release Numbers

- **Application Server Release Number** - The third digit reflects the release level of the Oracle Application Server (OracleAS).
- **Component-Specific Release Number** - (Oracle Database patch release number.) The fourth digit identifies a release level specific to a component. Different components can have different numbers in this position depending upon, for example, component patch sets or interim releases. For example: 12.1.0.1; 12.1.0.2; 12.2.0.1; 11.2.0.1; 11.2.0.2; 11.2.0.3; 11.2.0.4.



Oracle Release Numbers

- **Platform-Specific Release Number** - (Platform Patch Set Release Number) The fifth digit identifies a platform-specific release. Usually this is a patch set. When different platforms require the equivalent patch set, this digit will be the same across the affected platforms.
-



Checking Your Current Release Number

- To identify the release of Oracle Database that is currently installed and to see the release levels of other database components you are using, query the data dictionary view **V\$PRODUCT_COMPONENT_VERSION**.



Query To Check The Release number For A Database

COL PRODUCT FORMAT A35

COL VERSION FORMAT A15

COL STATUS FORMAT A15

SELECT * FROM PRODUCT_COMPONENT_VERSION;

PRODUCT	VERSION	STATUS

NLSRTL	10.2.0.1.0	Production
Oracle Database 10g Enterprise Edition	10.2.0.1.0	Prod
PL/SQL	10.2.0.1.0	Production