

Oracle Database 11g: Storing More Data

Oracle Database 11g offers Oracle Information Lifecycle Management Assistant, Oracle Partitioning, and Oracle Advanced Compression to enable information lifecycle management that streamlines data management, improves performance for mission-critical systems, and reduces storage costs.

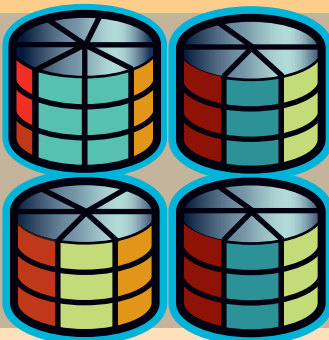
Data Types

With Oracle Database 11g, store all your data, including relational, XML, binary XML, 2D and 3D spatial, semantic, DICOM, RFID, e-mail, multimedia, spreadsheets, and documents.



Active Data (5–10%)

The high-performance storage tier holds current and frequently accessed data.



Less Active Data (30–35%)

The low-cost storage tier holds less current, less frequently accessed data.



Historical Data (60%)

The archive storage tier holds read-only data that is rarely accessed (but still needs to be available).

Oracle Advanced Compression

Oracle Advanced Compression in Oracle Database 11g not only reduces disk space requirements for all types of data, it also improves application performance, enhances memory and network efficiency, and can be used with any type of application without any application changes.

Oracle Partitioning

Partitioning allows database objects to be subdivided into smaller pieces, and Oracle Partitioning provides a comprehensive range of partitioning schemes, including range-hash, range-list, range-range, list-range, list-hash, and list-list composite partitioning. Oracle Partitioning enhances the manageability, performance, and availability of a wide variety of applications.