



DB

Database Services

CERN
IT
Department

New Oracle Licence Model

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on behalf of the IT-DB group

- **CAMPUS licence**
- Extended to Tier1s and Tier2s
- 5 years (2013 – 2018)
- Not to exceed (NTE) cost for the next 5 years (2018 – 2023)

- Includes an offer for MySQL support, Oracle Enterprise Linux (OEL) and Oracle virtualization (OVM)

Database Products

- Oracle Database Enterprise Edition
- Oracle NoSQL Database Enterprise Edition
- Diagnostics Pack
- Tuning Pack
- Cloud Management Pack for Oracle Database
- Database Lifecycle Management Pack
- Real Application Clusters
- Partitioning
- OLAP
- Advanced Security
- Oracle Advanced Compression
- Oracle Real Application Testing
- Oracle Active Data Guard
- Oracle Advanced Analytics

Application Servers

- BPEL Process Manager
- Forms and Reports
- Coherence Grid Edition
- WebLogic Suite
- Management Pack for Oracle Coherence
- WebLogic Server Management Pack Enterprise Edition
- Cloud Management Pack for Oracle Fusion Middleware
- SOA Suite for Oracle Middleware

Data Integration

- Oracle GoldenGate
- Oracle GoldenGate Veridata
- Oracle Management Pack for Oracle GoldenGate

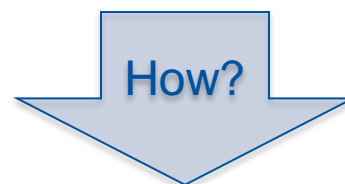
Business Intelligence

- Oracle Business Intelligence Foundation Suite
- Real-Time Decision Server
- Data Integrator Enterprise Edition
- Oracle Endeca Information Discovery
- Oracle Endeca Server
- Oracle Business Intelligence Management Pack

Tools

- Programmer
- Internet Developer Suite

- Understand application **dependencies** on Oracle features
- Calculate the **effort** to migrate applications to a different DBMS by 2023



- Create an **inventory of applications** running on Oracle databases at CERN
 - This is also an **opportunity** to understand other requirements:
 - Backup
 - Disaster recovery

- Questions & Answers

- What to collect?
 - Developed at CERN or commercial tool
 - Other platforms supported by the application
 - Dependencies from client libraries to DBMS version
 - Confidentiality
 - User community
 - Migration effort
 - Dependencies between applications
 - Business continuity
- How to maintain it?
 - Information from IT/DB internal repositories + help from application owners
 - IT/DB should be involved on early phases of new commercial applications purchasing