

Oracle licensing via SAP

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Basics

- SAP sold Oracle license is an **Application Specific Full Use (ASFU) license**.
 - Also called Oracle runtime or OEM license
 - This license allows to connect SAP software only to the Oracle database (details next slide)
 - Only exception are 3rd party database admin tools
- The **Oracle Enterprise Edition** is the **only edition supported** by the SAP NetWeaver based product portfolio
- SAP offers a **Base License package** and an **Extended License package**
 - Base license package is charged 15% of the SAP Application Value (SAV)
 - Extended license package is charged 3% of the SAP SAV

ASFU rules: 3rd party access

- SAP note 581312

Solution

As of point 3, it follows that direct access to the Oracle database is only allowed for tools from the areas of system administration and monitoring. If other software is used, the following actions, among other things, are therefore forbidden at database level:

- Creating database users
- Creating database segments
- Querying/changing/creating data in the database
- Using ODBC or other SAP external access methods

This means that additional application software is only allowed if this accesses the database through SAP interfaces (for example, RFC, SAP J2EE or BAPI).

ASFU rules: Hardware infrastructure impact on ASFU pricing

- The **price** of the SAP sold Oracle runtime license is calculated as a **percentage of the SAP Application Value (SAV)**.
- This is completely **independent of the hardware infrastructure** (#Processors, #Users, etc.) the database runs on. Therefore the database infrastructure resp. configuration details have no impact on the license price.
- The use of virtualization technologies is not relevant for the database pricing as well.
- Even more, the customer can chose to have several test systems or standby databases or whatever. It is all the same license price.
- This is different compared to an Oracle Full Use license due to Oracle's #processor or #user based pricing. Here all the above infrastructure details (may) matter regarding the license and maintenance price.
- This is one of the advantages of the SAP sold runtime license. The customer is free to define the infrastructure details without any effect on the license price tag.



Content Base License package (15% SAV)

- Oracle Partitioning
- Oracle Advanced Security (ASO)
- Oracle Advanced Compression (ACO)
- Standard Mgmt Pack
- DBA Mgmt Pack
- Diagnostic Pack
- Tuning Pack
- Change Mgmt Pack
- Provisioning Pack
- Intermedia



Not yet included in Base License Pack (15% SAV)

- Oracle Cloud Management Pack (Part of Enterprise Manager 12c)
 - Contains Cloud Control functions
- Planned to be included during 2013



Content Extended License package (3% SAV)

- Oracle Real Application Clusters (RAC)
- Oracle Database Vault

Mandatory Oracle options in SAP environments

- **Oracle Partitioning**
 - Mandatory for all SAP BI releases running on Oracle
 - Since the SAP BI stack is integrated part of the SAP NetWeaver stack BI calls requiring the partitioning option can happen from all SAP apps (ERP, SRM, etc.)
 - The SAP BI stack is also used by the SAP Solution Manager

- **Oracle Diagnostics Pack**
 - Mandatory/strongly recommended since SAP NetWeaver release 7.0 SP 12 (see SAP note 1028068)
 - 'Backdoor' available to switch corresponding SAP functions off
 - Diag Pack provides excellent root cause analysis capabilities in case of errors. Critical business systems should have Diag Pack enabled !!

- **SAP sold Oracle Base License package contains both options**

Related topics

Oracle Failsafe is no separat database option and therefore included in the ASFU Base Lincense package.

Oracle Data Guard can also be used with the ASFU Base License package

- **Active** DataGuard requires a separat license not included in the Base or Extended license package

Due to the fact that the infrastructure is not relevant for the ASFU license princing both **features can be used with the SAP sold Oracle ASFU license without extra charge.**

Oracle direct customers need to contact their Oracle sales representative due to Oracle's #processor or #user based pricing.

Services & Support for Oracle direct licensees

SAP offers the following services for customers who obtained their Oracle license directly from Oracle and who use it in connection with SAP software:

- **Product delivery** - SAP delivers the Oracle database software together with the SAP software.
- The Oracle software and **Oracle bundle patches are available for download at the SAP Service Marketplace**. Even SAP customers who have bought their Oracle software directly from Oracle should **download** the Oracle patch bundles, in particular, **from the SAP Service Marketplace only**.
- **Support** – All SAP customers **should** contact the SAP Support Organization to receive first level support for their Oracle database.
- **These SAP services are only available to direct Oracle customers if they have signed a valid support agreement with Oracle**. Oracle assumes sole responsibility for the validity of Oracle support agreement.



Further reading ...

- SAP note 740897 covers the Oracle ASFU license scope for SAP in detail
- SAP Pricelist contains info about license packages



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