

THE LICENSE MANAGEMENT APP ECOSYSTEM

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ITAM
review





Importance of Oracle analysis

At a glance

Software license analysis is important in general, however some vendors and software products require more attention based on a few factors:

- ◆ Cost
- ◆ Compliance
- ◆ Risk
- ◆ Complexity
- ◆ Business value
- ◆ Business strategy

Oracle in nature is a widely utilised premium enterprise product, complex in terms of licensing and high risk in terms of compliance, and therefore it is paramount to have a handle on your license position.



<2 secs

Avg. analysis
duration per DB



<£20 /db

Low cost
subscription



+200%

Output increase
for users

Importance

Why should you care?

- ⚠ Oracle has an industry leading compliance and audit program in place to protect their I.P.
- ⚠ Oracle products are expensive and very complex in terms of licensing
- ⚠ Audit disputes often lead to a costly commercial settlements, but sometimes it can lead to a lawsuit
- ⚠ Oracle certified tools are only certified on data collection and not the data analysis
- ⚠ Requesting the LMS scripts may trigger an audit, and even if you have them, the outputs are vast and complex
- ⚠ Analyzing the deployment data when available is costly and time consuming
- ⚠ Resource gaps are apparent across the market in terms of hiring or outsourcing
- ⚠ There are significant cost benefits and risk avoidance opportunities when conducting analysis assessments



The solution

Automating the manual data analysis of any data source, providing valuable deliverables at a fraction of the cost and time.



Benefits

Cost



Significantly reduced costs in delivering license analysis projects vs traditional SAM tooling or outsourcing professional services.

Time



Near instant license analysis using your currently available data sources, reducing time to value vs traditional methods which can take months.

Repeatability



The ability to repeat Oracle licensing analysis consistently at any scale means significantly improved risk and cost management.



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Oracle Database report highlights

Infrastructure reconciliation

Understand structures based on virtualisation and capping, seeing which devices and databases are within each structure along with which devices or databases are dictating the license costs from an edition and option perspective:

Infrastructure Reconciliation										
Capping Device	Capping Level	Capped	Structure Type	Devices In Gro	Licensable Edi	Enterprise Opt	Processor Lice	Processor Tata	NUP Total Cost	Db An
common	Cluster	true	Capped - Virtual	takashi01 (SAC1), ...	Enterprise	Active Data Guard...	15	\$4,831,200	\$2,415,600	("product
0-78f99d7	Pool	true	Capped - Virtual	anjin (SD2213, SD...	Enterprise	Active Data Guard...	83	\$26,732,640	\$13,366,320	("product
0-78f99c7	Pool	true	Capped - Virtual	boomer2 (DATADI...	Enterprise	Active Data Guard...	86	\$27,698,880	\$13,849,440	("product
sunwtmp_toranaga	Pool	true	Capped - Virtual	toranaga (PSDIA8...	Enterprise	Active Data Guard...	1	\$322,080	\$161,040	("product
boomer1	Virtual	true	Capped - Standalo...	boomer1 (DATADI...	Enterprise	Active Data Guard...	2	\$644,160	\$322,080	("product
sari	Virtual	true	Capped - Standalo...	sari (DQDESA)	Enterprise	Diagnostics Pack	3	\$966,240	\$483,120	("product

License Requirements					
Product	Product Type	Processor Lice	Processor Lice	Processor Sup	NUP License Cost
Database Enterpr...	Database	190	\$9,025,000	\$1,985,500	4750
Diagnostics Pack	Management Pack	190	\$1,425,000	\$313,500	4750
Tuning Pack	Management Pack	187	\$935,000	\$205,700	4675
Real Application C...	Option	187	\$4,301,000	\$946,220	4675
Active Data Guard	Option	187	\$2,150,500	\$473,110	4675
On-Line Analytical...	Option	86	\$1,978,000	\$435,160	2150
Advanced Compre...	Option	103	\$1,184,500	\$260,590	2575
Partitioning	Option	103	\$1,184,500	\$260,590	2575
RAC One Node	Option	83	\$830,000	\$182,600	2075
Advanced Analytics	Option	86	--	--	2150

License Requirements

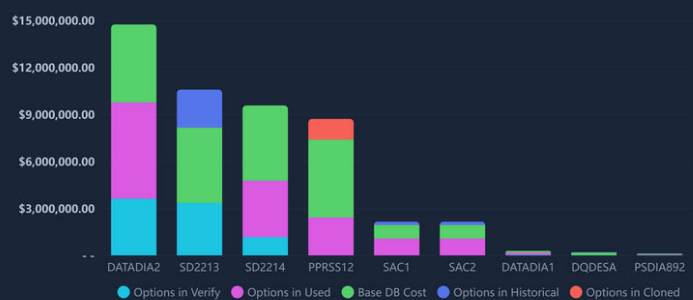
Full license requirement analysis and costings for both Processor and NUP metrics considering all the option usage, database editions, virtualisation types, core factors, capping and more.

Option usage breakdown

Understand all options in use per database along with the usage type (cloned, historical, used, not used) and the costs they are curating per database.

Oracle Server Worksheet							
Capped Device	Virtual Device	Virtualization	Database Name	Options in Use	Management	Product Version	License Metric
common	takashi01	VMware	SAC1	Active Data Guard	Diagnostics Pack L	11.2.0.3.0	Processor
common	takashi02	VMware	SAC2	Active Data Guard	Diagnostics Pack L	11.2.0.3.0	Processor
0-78f99d7	anjin	AIX	SD2213	Active Data Guard	Diagnostics Pack L	12.1.0.2.0	Processor
0-78f99d7	anjin	AIX	SD2214	Active Data Guard	Diagnostics Pack L	12.1.0.2.0	Processor
0-78f99c7	boomer2	AIX	DATADIA2	Active Data Guard	Diagnostics Pack L	11.2.0.4.0	Processor
0-78f99c7	ronin	AIX	PPRSS12	Advanced Compre...	Diagnostics Pack L	11.2.0.3.0	Processor
sunwtmp_toranaga	toranaga	Solaris	PSDIA892	Active Data Guard	Diagnostics Pack L	12.1.0.2.0	Processor
sunwtmp_toranaga	toranaga	Solaris	PSTEST2	Active Data Guard	Diagnostics Pack L	12.1.0.2.0	Processor
boomer1	boomer1	AIX	DATADIA1	Active Data Guard	Diagnostics Pack L	11.2.0.4.0	Processor
sari	sari	Solaris	DQDESA	Diagnostics Pack L	Diagnostics Pack L	11.2.0.4.0	Processor

Top 10 High Usage Databases (USD Cost)



Instant OSW

OSW instantly formatted and filled so you don't have to

See interactive report

[View report](#)



[YouTube Demo](#)



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Oracle products coverage



Infrastructure



Database



Middleware



Java



Entitlements



Contracts



EBS



On-demand

Database Option packs

active_data_guard
advanced_analytics
advanced_compression
advanced_security
database_inmemory
database_vault
label_security
multitenant
online_analytical_processing
partitioning
rac_one_node
real_application_clusters
real_application_testing
spatial_and_graph
data_masking_and_subsetting_pack
database_lifecycle_management_pack
diagnostics_pack
tuning_pack

Middleware categories

Application Server Products
Identity and Access Management
WebCenter
Database Products
Development Tools
Business Intelligence
Java
Enterprise Content Management
WebLogic Suite Options
Secure Enterprise Search
Fusion Middleware Adapters
Data Integration Technology
WebLogic Server Enterprise Edition
WebLogic Suite Options
Verrazzano
Tuxedo
Application Server Enterprise Management
Fusion Middleware Options
Outside In Technology

Database Features

SQL Tuning Advisor
Partitioning (user)
Zone maps
Fast Incremental Backup
OLTP Table Compression
Table Partitions and Sub partitions
Deleted partitioned objects
Real Application Clusters
Database instance in open mode.
Pack Access Agreed
Automatic Database Diagnostic Monitor
Automatic Workload Repository
Tuning Pack Dependency
SQL Profiles
Control management pack access parameter
In-database data mining algorithms
Data Pump Compression
Data Guard Compression
Analytical Workspaces
Real-time SQL and PL/SQL Monitoring
Cluster database enabled
SQL Access Advisor
SQL Tuning Sets

Supported sources

Oracle CPU Queries
Oracle Review Lite
Oracle LMS DB Collection
Oracle FMW Collection Scripts
Oracle Options Pack Usage Statistics
ServiceNow Infrastructure
ServiceNow Oracle GLAS Report
Flexera Oracle Options
Flexera Oracle Infrastructure
IBM Hardware Management Console
RVTools
VMWare PowerCLI
Custom Scripting
JDowser (for Java)
Lansweeper (for Java)

Device types

AIX LPAR
AIX Pool
AIX Physical
Solaris Zones
Solaris CPU Pools
Solaris Domains
Solaris Physical Devices
Standalone Devices
Virtualization Clusters
Physical Hosts
Virtual Devices
OVM Physical Devices
OVM Virtual Devices
HPUX Devices

Operating Systems

AIX
Solaris
OVM
HPUX
Windows
Linux
ESX

Reports

Device Details
Infrastructure Overview
Virtualisation Details
Database Usage
Database Consolidated
Effective License Position
Entitlement Baseline
Fusion Middleware Raw Data
Fusion Middleware Deployment
Fusion Middleware Consolidated
Java Licensing and deployment