

Lizenzmanagement auf Basis DBA Feature Usage Statistics?

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Schlüsselworte

Oracle License Management Services (LMS), Lizenzen, Lizenzierung, Nutzungserfassung, Usage, Usage Tracking, Compliance, Tools, Werkzeuge, Scripte, Scripts, 3rd Party, Oracle Enterprise Manager, OEM, Lizenzmanagement, Asset Management, Software Asset Management (SAM), LMS Engagement, LMS Services, Audit Services, True Up Services, Advisory Services, Technische Vermessung, Measurement, SQL Scripte, Database Options/Management Packs Usage Reporting for Oracle Databases, Oracle Database Licensing Information, Oracle Database Options and Packs, DBA_FEATURE_USAGE_STATISTICS

Einleitung


Im Rahmen der Zusammenarbeit mit unseren Kunden werden wir häufiger mit der Fragestellung konfrontiert, wie und ob man die Nutzung der Oracle Datenbank selbst und inkl. zugehöriger Optionen und Enterprise Management Packs ermitteln/bewerten kann.

Viele Anwender der Oracle Datenbank wünschen sich hierzu die Datenbank als erste Informationsquelle, um die dort schon zur Verfügung stehenden Informationen eigenhändig und mit bereits vorhandenen Werkzeugen und Tools auszulesen. Die so gewonnenen Informationen würde man als Datenbankverantwortlicher meist im Rahmen des hausinternen, eigenen Lizenzmanagements weiterverwenden.

Als erste Informationsquelle wird uns überwiegend das Data Dictionary View "DBA_FEATURE_USAGE_STATISTICS" inkl. der dort enthaltenen Daten von Anwendern genannt. Oftmals entwickeln Kunden dann eigene Scripte, um den vorgenannten View auszulesen und die Inhalte selbst zu interpretieren.

Im Vortrag werden Möglichkeiten und Grenzen dieser Vorgehensweisen erörtert. Auf Basis von Praxisbeispielen wird gezeigt, welche Besonderheiten unbedingt berücksichtigt werden müssen und ob bzw. welche alternativen Möglichkeiten für eine detaillierte Nutzungserfassung im Rahmen eines Oracle Datenbank Lizenzmanagements bestehen.

Managing Complexity




Managing Complexity

Your challenges


We understand that maintaining oversight of your Oracle assets can be a challenge, but can produce the following strategic benefits:

- More cost-effective management of your infrastructure and IT resources
- Gain a solid platform to drive business transformation initiatives
- Make better informed business strategy and IT investment decisions
- Avoid the risks and unscheduled costs that come from unexpected audits
- Ensure you are deriving the maximum value from your Oracle investment



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Abb. 1: Managing Complexity



What complexity means to you


The impact on the license estate – inefficient IT

Executives are denied detailed insights into the condition of their Oracle deployments

There is a risk of falling out of compliance and unscheduled liabilities

Financial resources are used inefficiently - ROI from IT spend reduced & future investment plans compromised

IT resources are used inefficiently - both in the actual licenses and how your people manage them



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Abb. 2: What complexity means to you

A Proactive Partnership

- Partnership
 - you've made a significant investment in Oracle and we want to make a significant investment in you
- Strategic
 - we will help you drive strategic value from your license management
- Proactive
 - we will support you in introducing proactive monitoring and measuring of your license estate to drive greater efficiency in your IT

Abb. 3: A Proactive Partnership

Reducing Complexity

- Educate
 - guidance and best practice on managing your Oracle assets, and on wider trends in the marketplace
- Equip
 - providing the tools and knowledge you need to create a unified understanding of license and asset entitlements for better control
- Enable
 - supporting a more proactive approach to managing license risk, and extracting the maximum value from your investments in Oracle products

Abb. 4: Reducing Complexity

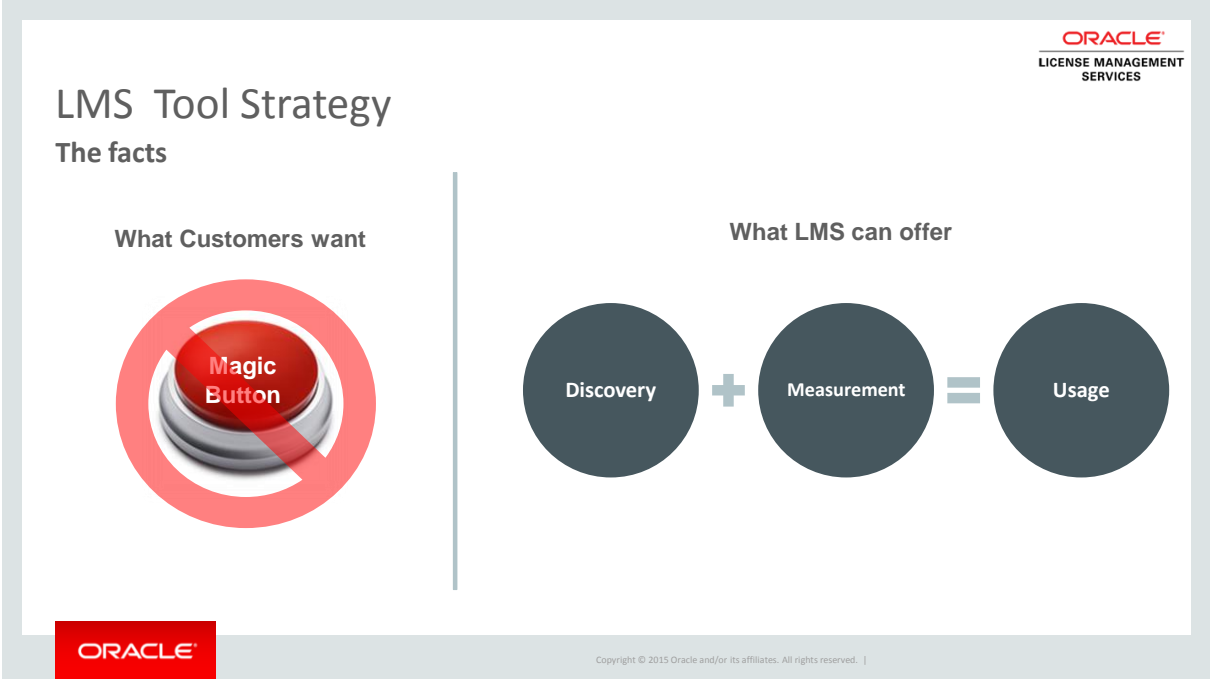


Abb. 5: LMS Tool Strategy

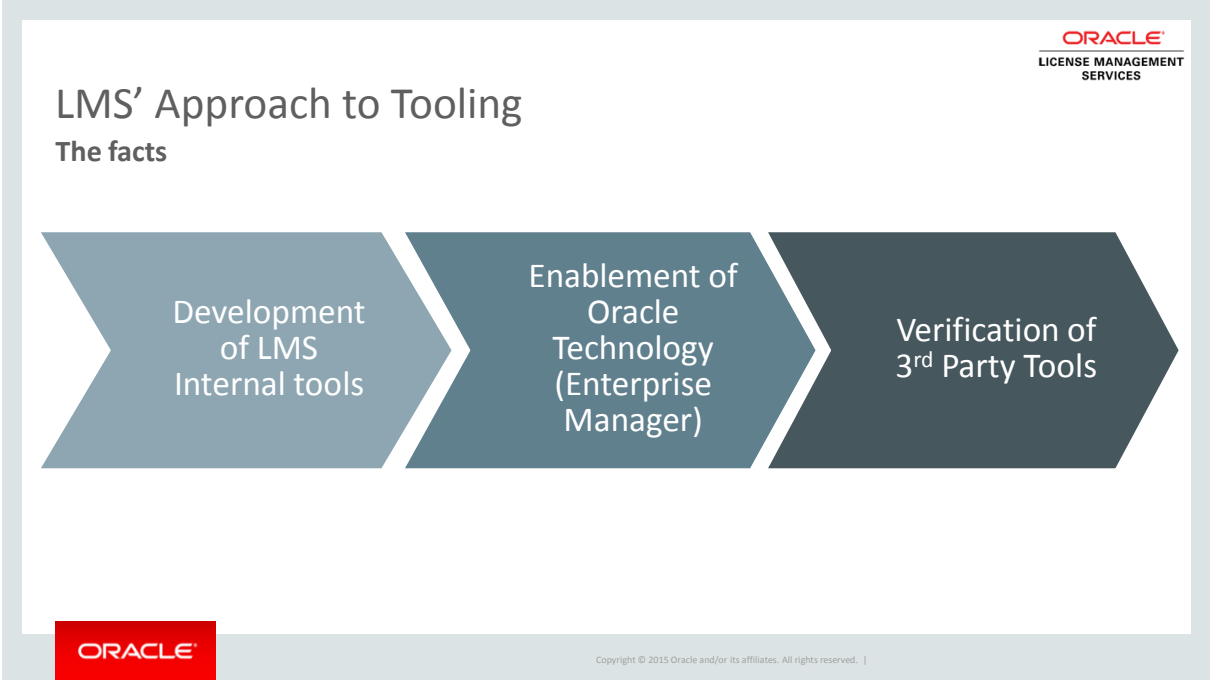
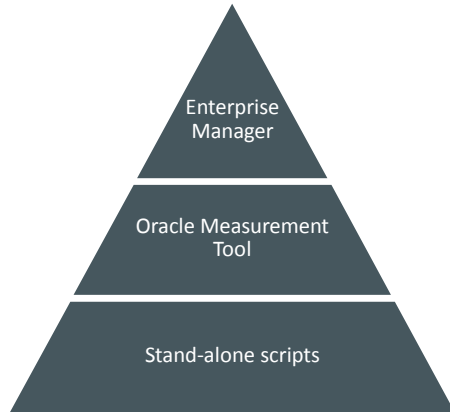


Abb. 6: LMS' Approach to Tooling

Our Tooling Solution Providing Choice



- Providing tooling options for customers based on their needs and environment
- Helping customers understand product deployment and usage – not a license management solution
- Educating customers to feed usage into their SAM solutions

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Abb. 7: Our Tooling Solutions – Providing Choice

3rd Party Tool Vendor Program LMS Enabling customers

iQate

FLEXERA
SOFTWARE

B|DNA

Lime Software

nova
ratio

EASYTEAM
BY CORPORATE SOLUTIONS

hp

- Verification of 3rd party tools ability to capture deployment and usage of Oracle products. *Currently limited to DB*
- Enables customers to use one tool to track usage of products from multiple vendors
- All verified tools provide same data
- Oracle does not endorse any one vendor

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Abb. 8: 3rd Party Tool Vendor Programm

Checking for Database Option and Management Pack Usage

Oracle provides the following scripts that enable you to check database option and management pack usage on your database:

- `option_usage.sql` - Displays database option and management pack usage
- `used_options_details.sql` - Lists the features used by each database option and management pack

You can obtain the scripts from My Oracle Support as follows:

1. Use a Web browser to view the My Oracle Support Web site:

<https://support.oracle.com>

2. Log in to My Oracle Support.

If you are not a My Oracle Support registered user, then click **Register** and follow the registration instructions.

3. Search for Document ID 1317265.1, or access it directly at the following URL:

<https://support.oracle.com/CSP/main/article?cmd=show&type=NOT&id=1317265.1>

You can manually run the scripts on an individual database or use Oracle Enterprise Manager Job System to automatically run the scripts on multiple databases. Refer to [Oracle Enterprise Manager Cloud Control Administrator's Guide](#) for information on Oracle Enterprise Manager Job System.

Abb. 9: Checking for Database Option and Management Pack Usage

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