

DATABASE AS A SERVICE ENTERS THE ENTERPRISE MAINSTREAM

2016 IOUG SURVEY ON DATABASE CLOUD

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EXECUTIVE SUMMARY

AS CLOUD COMPUTING has risen across the enterprise landscape, a new form of information delivery has taken hold. Commonly referred to as Database as a Service, or DBaaS, this approach promises to finally crack the puzzle that has inhibited enterprise data shops for years—the challenge of sharing access to siloed data stores.

A survey of more than 300 DBAs and IT professionals finds growing interest in DBaaS as a viable approach to serving their enterprise's need for greater agility and faster time to market with cloud computing. Many of the early hurdles delivering enterprise capabilities for security and availability in the cloud—become more evident with the reliance on hybrid cloud approaches and need to move enterprise applications to the cloud and back on-premises based on the business requirements of the organization, their legacy investments, and regulatory requirements.

The survey, conducted by Unisphere Research, a division of Information Today, Inc., finds that organizations are employing a range of new strategies and approaches to build a DBaaS capability in their enterprises. Conducted in partnership with Oracle among members of the Independent Oracle Users Group (IOUG), this study represents the views of respondents from organizations of all sizes and across various industries.

Highlights of the research include the following findings:

- Database as a Service (DBaaS) is taking off, with adoption tripling over the next 24 months. There will be a significant amount of enterprise data shifting to the cloud over the next 24 months as well, as enterprises re-think data management in the cloud.
- Enterprise customers see a future with hybrid approaches, relying on a combination of private and public cloud resources. As the number of cloud services within enterprises grows, there will be more reliance on both for cost mitigation, as well as backup and continuity.
- Cloud is increasingly seen as a highly agile and robust platform for enterprise application development. More development work is going to the cloud. Database backup and disaster recovery, along with enterprise applications are the areas seeing the greatest returns from cloud implementations.
- Significant segments of Oracle Database shops are adopting a range of technologies to move their DBaaS efforts forward into their enterprises. Oracle Multitenant, Oracle Enterprise Manager, and Exadata are becoming mainstays for DBAs and professionals seeking to deliver information on-demand to whomever and wherever it is needed.

On the following pages are the results of this survey.