



For the Complete Technology & Database Professional

2019 IOUG DATA ENVIRONMENT EXPANSION SURVEY

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EXECUTIVE SUMMARY

With growing demands from businesses for real-time, analytical capabilities, maintaining data environments that can grow with these demands is a necessity. This is pressuring data administrators to deliver responsive, high-performing systems that can scale with the business. However, many enterprises are encumbered by the licensing and support issues that typically accompany database systems, resulting in potentially high and unexpected costs, as well as skill shortages. While enterprises are turning to the cloud and automation solutions to enhance their capabilities in backup and recovery, the challenge is that many data managers subscribing to cloud services are not making licensing costs enough of a priority.

These are some of the key takeaways from the latest in a series of surveys of data managers and professionals, conducted by Unisphere Research, a division of Information Today, Inc., in partnership with VMware. The survey, which covered 260 members of the Independent Oracle Users Group (IOUG), explored the infrastructure concerns and cloud adoption trends shaping data management for today's fast-evolving business environments.

The survey identified the following trends shaping database management in the digital era:

- The size and number of Oracle databases is continuing to increase.
- Licensing and support is the number-one challenge for organizations seeking to expand the number of Oracle databases and applications. Other issues also stand in the way of growth.
- Optimizing licensing costs by controlling the number of servers is the most critical infrastructure attribute at organizations when implementing Oracle workloads.
- When it comes to introducing automation to data operations, backup and recovery comes first.
- The growth of the use of public cloud services at Oracle sites is increasing.
- As public cloud adoption grows, much of this growth is driven by backup and recovery supporting transaction environments.
- Cost reduction is the main benefit anticipated and sold with cloud, but agility and capacity are more likely to be realized in existing deployments.
- Many issues, including security concerns are preventing or delaying the adoption of public cloud services.
- While licensing is top-of-mind for most data managers subscribing to cloud services, there are still many who are not giving this issue sufficient attention.
- Most organizations are still sizing hosts and clusters to meet exact performance specifications to optimize Oracle licensing.
- Amazon Web Services, Oracle, Microsoft are the top public cloud choices for Oracle customers right now, but organizations need to meet hybrid realities.

On the following pages are these findings in more detail.