Self-Driving I Self-Securing I Self-Repairing

Unlock your business potential with Oracle Autonomous Database



GOING AUTONOMOUS DECREASES COST AND INCREASES PRODUCTIVITY



Disclaimer: Two demos running identical analysis publicly at Oracle OpenWorld 2018. Oracle using 16 OCPU / Amazon using 8 nodes 32 VCPU

14x Better Price Performance

ORACLE [®] Autonomous Data Warehouse	Cloud Data Warehouse Capabilities	Amazon Redshift
"Load and Go!" No DBA expertise required to provision, backup, secure, or patch	Machine Learning Driven Automation in the Cloud	Requires manual tuning and specialized DBA expertise for analysis and design, and testing iterations before go-live
Runs on Exadata backbone with enterprise class capabilities	Designed and Optimized for Data Warehouse Performance	Runs on generic AWS infrastructure with limited concurrency and adverse performance
99.95% Availability (only 4 hours of downtime per year) with fully automated backups and RAC for compute node failures	Higher Availability	Claimed availability of 99.95% does not include upgrades, patching, bugs, scaling, or outages and lacks clustering capabilities
Auto applies security patches and upgrades with complete tenant and data isolation	Self-Securing	Shared tenancy and no isolation of operational users from customer application data
Single data warehouse – scaling compute or storage is not constrained by fixed blocks	True Elasticity and Easy Scalability	Storage and compute must scale together, requiring cluster shutdown and driving up cost

A SUCCESSFUL **DATA ANALYTICS ENVIRONMENT** ALSO NEEDS

Data Integration (ETL)

Seamless data transformations with high performance pushdown data processing in the cloud.

Analytics

One of the industry's most comprehensive Machine Learning based cloud analytics including self-service visualization and inlinedata preparation, for data-driven competitive advantage.

Enterprise Integration

Comprehensive set of cloud capabilities for application integration across public and private clouds with a complete set of APIs developed over decades to connect with diverse data sources from SaaS, on-premises systems and third party applications.

Big Data

Oracle simplifies Big Data to manage both traditional and new data sets on a single cloud platform. Put all your data to work with predictive analytics models, dashboards, and Machine Learning capabilities.

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WHAT THE **ANALYSTS ARE SAYING**



The Future Is Autonomous

"The future of autonomous products like Oracle's Autonomous Database is bright"

– Carl Olofson, Research VP, IDC

Learn more



Accelerates Performance

In tests Oracle Autonomous Data Warehouse outperforms a control database by over **270%**

Learn more



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