NUODB®

FAST FACTS

Company:
NuoDB

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Company Description

NuoDB's elastic SQL database for hybrid cloud applications helps customers get applications to market faster and reduce their total cost of ownership. Software development organizations rely on NuoDB to get the scale-out simplicity, elasticity, and continuous availability that cloud applications require, with the transactional consistency and durability that databases of record demand.As a result, customers can capitalize on modern technologies such as cloud computing and containerization to ensure their applications are ready for today's evolving expectations, as well as any future requirements.

Product Profile

NuoDB is a memory-centric, ACID-compliant, SQL database that can be dynamically tuned to customer requirements while easily scaling out, and in, across on-premises, cloud, container, and hybrid environments with automated failover and disaster recovery. NuoDB lowers costs, increases performance, simplifies complexity and increases agility for modern applications.

redhat TECHNOLOGY PARTNER

redhat CERTIFIED TECHNOLOGY

Overview

The elastic SQL database for applications deployed in hybrid cloud environments.

Executive Summary

Software development organizations are rapidly implementing cloud application strategies with priorities on scale-out, distributed architectures, containers, and continuously available services. However, database strategies lag behind and typically involve forklifting traditional monolithic databases into containers, abandoning consistency and relational models, or setting up complicated and expensive data management pipelines. As an elastic SQL database, NuoDB offers the consistency, durability, and relational models required from a database of record combined with a modern, distributed architecture that provides scale-out and continuous availability in and across traditional, cloud, and hybrid cloud environments. In partnership with Red Hat® and Red Hat's portfolio of open hybrid cloud technologies, NuoDB allows organizations to fully execute on their hybrid cloud strategy with the entire stack - from storage, to the database, up through the middleware and application layers.

Statement from Partner

Both NuoDB and Red Hat give organizations a way to transform and modernize their business with software that combines trusted enterprise familiarity with modern and next-generation capabilities. NuoDB complements Red Hat's hybrid cloud-enabled portfolio of the operating system, container application platform, middleware, and storage with a critical part of the infrastructure stack – a relational SQL database. In partnership with NuoDB, Red Hat customers now have a way to move both their application and their data to the cloud and hybrid cloud without forcing the compromises that traditional monolithic databases or NoSQL databases typically impose.
 - Ariff Kassam, VP of Products, NuoDB

Statement from Red Hat Connect

"Customers are looking to migrate their applications to the cloud leveraging containers as the deployment model," said Mike Werner, senior director, Global Technology Partners, Red Hat. "Red Hat container certification assures a supportable and performant platform for all types of customer deployment models. Red Hat is thrilled to work with software partners like NuoDB, resulting in the world's largest commercial ecosystem for containers."

Product Benefits

Move your applications to the cloud for scale-out and continuous availability benefits while preserving familiar enterprise database capabilities and interfaces. Build a complete hybrid cloud application and infrastructure stack that includes certification with Red Hat technologies (i.e. as a Red Hat container, with Red Hat® Enterprise Linux® and Red Hat® JBoss® Enterprise Application Platform) and an elastic SQL database. With NuoDB you can:

- Reduce total cost of ownership via purchase of a cost-effective subscription, elimination of pre-provisioning, and deployment on commodity hardware.
- Provide elastic scale-out, continuous availability, and active-active protection for your applications.
- Deploy across hybrid cloud environments to support disaster recovery and diverse workloads.
- Obtain high database performance via decoupled in-memory processing and disk durability.

Use Cases

NuoDB is designed to be a general system of record database for enterprise operational workloads, including online transaction processing (OLTP) and hybrid transactional/analytical (HTAP) processing workloads. Popular use cases include deploying NuoDB to support software services within telecom, financial services, e-commerce, product lifecycle management, and healthcare management industries for strategies such as:

- Modernization of the data center for scale-out and distributed architectures
- Moving to the cloud to provide uninterrupted, always-on services to customers
- Disaster recovery and continuous availability across multiple data centers, multiple clouds, and hybrid cloud environments

Learn how NuoDB provides scale-out, resilience against failure, and active-active capabilities with Red Hat Openshift by watching a DEMO

Interested in learning more? Try out our free Community Edition at https://www.nuodb.com/product/evaluate-nuodb or contact us at sales@nuodb.com.