

Oracle-as-a-Service with Vexata and Robin.io

Modernize your Oracle infrastructure to improve the agility and efficiency of your Developers, DBAs, and BI teams. Scale to 10x more users per CPU and dramatically reduce Oracle licensing costs.

Highlights

- » **Provision Oracle databases**, including Oracle RAC clusters, on Kubernetes in minutes
- » **Provide self-service experience** to improve developer and DBA productivity
- » **Serve 10X more users** per CPU to reduce Oracle licensing costs
- » **Consolidate** multiple Oracle RAC clusters to reduce hardware and licensing cost
- » **Clone and share** databases and applications among Dev, QA, and Prod teams within minutes
- » **Actively synchronize** Production and Dev/Test databases without impacting performance
- » **Time-travel** to point-in-time application states using snapshots
- » **Dynamically scale-up/ scale-out** in minutes, without interrupting database operations

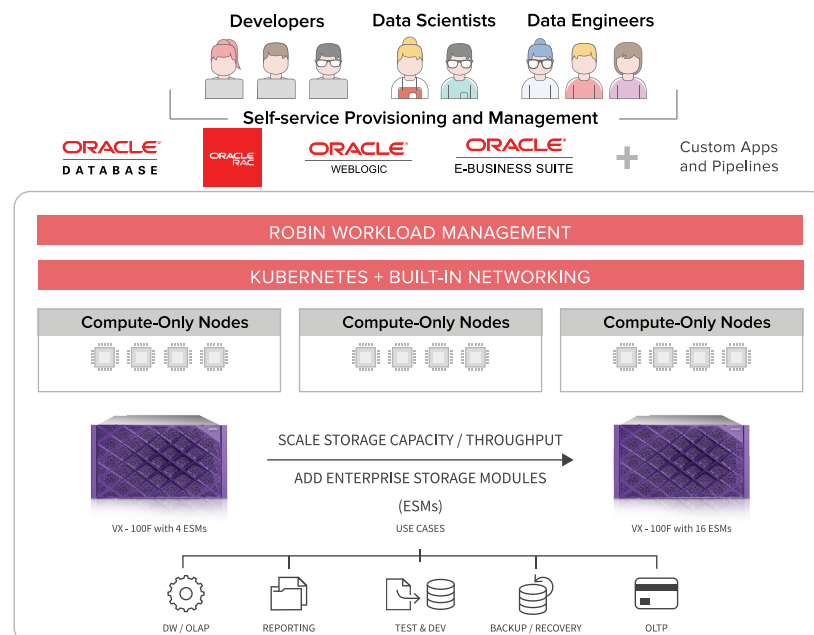
The embedded ROBIN Platform automates the provisioning and management of Oracle databases so that you can deliver “as-a-service” experience with 1-click simplicity to developers, DBAs, and BI teams.

Top Challenges for Oracle Management

- » **DevOps culture demands faster provisioning and Dev/Test refreshes:** ROBIN provides self-service provisioning and management capabilities to developers, DBAs, and BI teams. The automated end-to-end database provisioning process for Oracle, including Oracle RAC, takes only a few minutes.
- » **Dynamic scaling to meet sudden demands:** ROBIN provides 1-click simplicity to scale up database servers on-demand by adding more memory, CPU, or Storage, as well as scale out by adding more nodes to Oracle RAC.
- » **Eliminating silos and tiers:** Vexata Array’s massive performance and efficiency benefits enable enterprise datacenters to eliminate the cost and complexity of data silos and traditional data storage tiers.
- » **High licensing cost:** Vexata delivers enormous Oracle license cost savings by realizing the highest performance from existing and new investments.
- » **Scale more users:** With Millions of IOPS available, Oracle databases can scale to more active users. Vexata Array offers consistent ultra-low latencies to ensure that user growth is balanced with user experience
- » **Large datasets in real time:** Vexata enables OLTP, Data Warehouse, Analytics and delivers results in real-time even operating across large active data sets.

Introducing the Vexata Scalable Data System with ROBIN Platform

The Vexata Scalable Data System with ROBIN Platform is a revolutionary enterprise System that delivers the transformative innovation required by digital businesses now. Based on its ground up ultra-low latency and high throughput architecture, the Vexata System brings 10X scale and performance increases to both analytics and OLTP workloads.



Solution Benefits and Business Impact

The Vexata Scalable Data System with ROBIN Platform brings together the scale and performance of Vexata and the simplicity and agility of the ROBIN Platform.

DELIVER PRODUCTS FASTER

Self-service experience

ROBIN provides self-service provisioning and management capabilities to developers, DBAs, and BI teams, significantly improving their productivity. It saves valuable time at each stage of application lifecycle.

Provision databases in minutes

ROBIN has automated the end-to-end database provisioning process for Oracle, including Oracle RAC. The entire provisioning process is a 1-click operation and takes only a few minutes.

Agile Dev/Test refreshes

You can clone databases with 1-click and share among Development, QA, and Operations teams. Getting a Dev/Test refresh from a production database only takes a few minutes and is completely self-service. Moreover, the ROBIN's copy-on-write cloning method significantly reduces storage requirements. ROBIN's unique "TestMaster" utility also keeps Prod and Dev/Test copies in sync without causing any performance impact on Production databases.

Scale on-demand

No need to create IT tickets and wait for days to scale up Database Servers by adding more memory, CPU, or Storage, or to scale out by adding more nodes to Oracle RAC. Cut the response time to a few minutes with 1-click scale-up and scale-out.

REDUCE COSTS

Maximize Your Oracle Investment

The Vexata Scalable Data System with ROBIN accelerates the full range of Oracle workloads including OLTP and DW/OLAP, random and sequential, ingest and backup/recovery by 10X compared to today's leading all-flash arrays. With Vexata, DBAs and IT professionals no longer need to make the traditional performance/cost tradeoffs and compromises required from current enterprise storage solutions.

Seamless Scaling and Consolidation

The Vexata Scalable Data System with ROBIN provides performance isolation with min/max IOPS control for guaranteed QoS, and role-based access controls (RBAC) to consolidate multiple Oracle workloads without compromising SLAs, thus reducing hardware cost.

Reduce licensing costs

Vexata with ROBIN uses container technology, providing better performance/CPU and eliminating the VM performance penalty. The ability to scale as you need also means you don't overprovision CPUs. As a result, you reduce Oracle licensing costs.

Simplify lifecycle operations

Native integration between Kubernetes, storage, network, and application management layer enables 1-click operations to provision, scale, snapshot, clone, backup, migrate for Oracle databases and applications, reducing the administrative cost.

High availability and auto-failover

Vexata with ROBIN provides high availability and auto-failover out of the box, eliminating the need for Oracle RAC licences and/or standby hardware. Rack-aware data placement rules ensure your HA setup is production-ready.

To learn more visit: robin.io | To try ROBIN visit get.robin.io