yugabyte platform

YugabyteDB is an open source distributed SQL database that uniquely combines enterprise-grade RDBMS capabilities with the horizontal scalability and resilience of cloud native architectures. For enterprises that want to use YugabyteDB in cloud native environments at scale, Yugabyte Platform is an offering that delivers a streamlined operational experience.

Yugabyte Platform gives you the simplicity and support to deliver a private database-as-a-service (DBaaS) at scale. Use Yugabyte Platform to deploy YugabyteDB across any cloud anywhere in the world with a few clicks, simplify day 2 operations through automation, and get the services needed to realize business outcomes with the database.

Yugabyte Platform Benefits

UNLEASH DEVELOPER PRODUCTIVITY

Enable developers to spin up a database for their apps in minutes so they can focus on building applications.

ACHIEVE OPERATIONAL EFFICIENCY

Lower operational costs and technical risks associated with managing a large, geographically distributed database footprint through automation.

ACCELERATE TIME TO MARKET

Focus on innovation by delivering differentiated applications with elastic scaling of the database tier and seamless provisioning.

> *With YugabyteDB and Yugabyte Platform, we are able to scale rapidly. Our partnership means onboarding new customers and maintaining GDPR compliance becomes a competitive advantage.*
>
> — **Aman Singla,** Co-founder and Head of Engineering, Plume

Yugabyte Platform Includes

INFRASTRUCTURE OPERATIONS

Automatic provisioning and lifecycle management of the cloud-native infrastructure stack

INTELLIGENT DAY 2 OPERATIONS

Orchestration of database scaling, upgrades, backups, security operations, and monitoring

yugabyteDB

Open source distributed SQL database for cloud native applications

CONSOLIDATED MANAGEMENT

Highly available UI and API to manage YugabyteDB universes across all the clouds

ADVANCED TECHNOLOGY SERVICES

Emergency patches, continuous support across multiple channels, and advanced services

Yugabyte Platform includes the highly resilient, scalable, distributed SQL database as well as cloud native operational excellence capabilities to deliver a private DBaaS:

▸ **Infrastructure Operations:** Automated server provisioning, intelligent placement, non-disruptive machine resizing, security group, subnet configuration, and more

▸ **Intelligent Day 2 Operations:** Scaling, observability, monitoring, alerting, and security management seamlessly, out of the box

▸ **Consolidated Management:** A highly available UI and API to manage your entire YugabyteDB footprint and integrate database management with the private cloud control plane

▸ **Advanced Technology Services:** Support and access to expert services to ensure that enterprise customers achieve business objectives with YugabyteDB

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> *The ability to scale and rebalance very large datasets without downtime or performance bottlenecks is critical to our customers and our business. YugabyteDB helps us focus on growing our business instead of maintaining a complex caching and relational database architecture.*
>
> — **Stephane Dubois,** CEO, Xignite

Yugabyte Platform Features

YUGABYTEDB OPEN SOURCE DISTRIBUTED SQL DATABASE	▶ PostgreSQL API ▶ Scalable DB with automatic sharding, replication, and load balancing ▶ Synchronous and asynchronous replication ▶ Multi-row ACID transactions ▶ High throughput and low latency in a geo-distributed environment ▶ Security and compliance ▶ Integrations with DevOps ecosystem ▶ Data migration tools ▶ Incremental backups and point in time recovery ▶ Change data capture

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INFRASTRUCTURE OPERATIONS	▶ Integration with public cloud and cloud native orchestration platforms ▶ Automatic server and container provisioning ▶ Changing machine types on the fly with zero downtime ▶ Security group and subnet configuration for networking ▶ Flexible storage options (local NVMe, remote EBS volumes) ▶ Role-based access control for engineers and operators
INTELLIGENT DAY 2 OPERATIONS	▶ One-click provisioning of database clusters ▶ Zero downtime scale up and scale down ▶ Scheduled automated backups and disaster recovery ▶ Automated rolling software upgrades with zero downtime ▶ Security operations; e.g., key rotation, turnkey encryption, integration with third party tools ▶ Real-time monitoring and alerting
CONSOLIDATED MANAGEMENT	▶ Seamless user experience for managing fleets of database clusters ▶ High availability of the management console ▶ GUI and API for integration with industry leading APM solutions
ADVANCED TECHNOLOGY SERVICES	▶ Emergency patches ▶ 24/7/365 support through web and phone ▶ Bespoke professional services based on database reliability engineering principles – schema design, data migration, performance tuning, benefit analysis, and more

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GET IN TOUCH

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