Altinity is the leading service provider for ClickHouse DBMS.

24x7 ClickHouse Support
We provide different support plans to make ClickHouse operations easy and flawless. Our team is available 24x7 to help our clients with:
- Database schema design and query tuning
- Installation and configuration, general advice on operations (best practices)
- Cluster configuration and replication, high availability and backup/recovery
- Performance audit, optimization recommendations
- Data migrations from other systems
- Analysis of ClickHouse bugs, crashes, and outages
- Level 3 support: bug fixes and hot releases by Yandex ClickHouse dev team
- ClickHouse builds for operating systems (eg. RPM packages)

Training
For customers willing to build and operate ClickHouse on their own we provide uniquely designed training courses for database developers, administrators, and data scientists.
Your training course can be tailored specifically to your requirements, covering the most important and relevant topics for your ClickHouse use case.

Consulting
Altinity provides consulting services to help our customers to design and deploy the most efficient data analytics solutions using ClickHouse DBMS.

Analytics in the Cloud
We provide services that reduce the cost of ownership even more. Our customers can run their analytics inside the cloud focusing solely on their business tasks while Altinity takes care of the operations.

www.altinity.com
email: info@altinity.com
twitter: @AltinityDB
ClickHouse is an open-source column-store analytics DBMS - the cutting edge technology for managing and analyzing extremely large volumes of data.

**Introductory Level**
**Monday, April 23rd at 5:30 pm**
Plug and Play Event Center

New to ClickHouse?
- Meet the ClickHouse lead developer Alexey Milovidov
- Learn about new features and use cases
- Get familiar with ClickHouse in the Plug and Play Cloud
- Watch live demo

**Agenda:**
5:30 - 6:00 - Doors open, food, drinks and networking
6:00 - 8:00 - Presentations
  1. ClickHouse Analytical DBMS: Introduction and usage (Alexander Zaitsev, Altinity)
  2. ClickHouse new features and development roadmap (Alexey Milovidov, Yandex)
  3. Lightning Talks
  4. ClickHouse in Plug and Play Cloud (Som Sikdar, Kodiak Data)
8:00 - 9:00 - Demo of ClickHouse deployed on Plug and Play Cloud, Lightning Talks, Q&A, networking

**Advanced Level**
**Friday, April 27th at 5:00 pm**
Cloudflare

Already have some experience with ClickHouse?
- Watch advanced technical presentation from Percona’s CEO Peter Zaitsev,
- Discuss ‘Pro’ Tips with ClickHouse lead developer Alexey Milovidov,
- Learn interesting details of how ClickHouse is used in Cloudflare, one of the most significant ClickHouse contributors

**Agenda:**
5:00 - 6:00 - Welcome reception
6:00 - 6:05 - Opening of the event
6:05 - 6:35 - Analyzing MySQL logs with ClickHouse (Peter Zaitsev, Percona)
6:35 - 7:30 - ClickHouse at Cloudflare (Marek Vavrusa, Alexander Bocharov, Cloudflare)
7:30 - 7:40 - Coffee break
7:40 - 8:10 - ClickHouse "Pro" Tips (Alexey Milovidov, Yandex)
8:10 - 8:30 - Q&A panel

Would you like to do a lightning talk (5-10min) on a related subject? We’d be glad to hear you!
Please contact info@altinity.com with a short description.
ClickHouse is an open source column-oriented database management system capable of real-time generation of analytical data reports using SQL queries.

**ClickHouse. Just Makes You Think Faster.**
- Run more queries in the same amount of time
- Test more hypotheses
- Slice and dice your data in many more new ways
- Look at your data from new angles

**ClickHouse is 100-1000x Faster Than Traditional Approaches**

![Relative query processing time graph](image)

Visit https://clickhouse.yandex/benchmark.html to see more benchmarks

**Feature Rich**
- True column-oriented storage
- Vectorized query execution
- Data compression
- Parallel & distributed query execution
- Real-time query processing and data ingestion
- Cross-datacenter replications
- High availability
- SQL support
- Local and distributed joins
- Pluggable external dimension tables
- Arrays and nested data types
- Approximate query processing
- Probabilistic data structures
- Full support of IPv6
- State-of-the-art algorithms
- Detailed documentation
- Clean documented code

**ClickHouse on AWS vs Amazon RedShift Benchmark:**

**STAR2002 dataset**

![ClickHouse on AWS vs Amazon RedShift Benchmark](image)

Visit https://www.altinity.com/blog/2017/7/3/clickhouse-vs-redshift-2 to view details

ClickHouse shows the great results with the different dataset and different use cases. Let's also compare prices for Redshift and ClickHouse instances:

- RedShift on ds2.xlarge - $0.9 per working hour - ~$650 per month
- RedShift on dc1.8xlarge - $5.7 per working hour - ~$4100 per month

**ClickHouse on d2.xlarge**
- $0.266 per working hour - ~$190 per month

- Andrey Monakhov, Performance Engineer, Altinity

**Column Store Database Benchmarks:**

**MariaDB ColumnStore vs ClickHouse vs Apache Spark**

![Column Store Database Benchmarks](image)

Yandex ClickHouse is an absolute winner in this benchmark: it shows both better performance (>10x) and better compression than MariaDB ColumnStore (and Apache Spark). If you are looking for the best performance and compression, ClickHouse looks very good.

- Alexander Rubin, Principal Architect (Consulting), Percona

https://clickhouse.yandex

github.com/yandex/clickhouse