

Deploy ClickHouse on MemCloud™ in Minutes

ClickHouse is an open source column-store Massively Parallel Processing (MPP) analytic DBMS. Designed for performance, ClickHouse offers a variety of advanced capabilities: array data types, built-in data sampling, approximate uniques, aggregating materialized views and in-memory dictionaries.

Provision ClickHouse in Minutes

Today's big data analytical demands require cluster infrastructure to be delivered quickly and cost effectively to analyze the torrents of data flooding enterprises. Clusters are no longer in the domains of specialists; they are an everyday business tool. Kodiak Data MemCloud gets you going in minutes!

MemCloud Delivers Memory Speeds

Kodiak Data's patent-pending fabric technology brings unprecedented speed to big data in the cloud. MemCloud combines this breakthrough software with the fastest memory (NVMe) and interconnect (100GE) for an offering that runs 10X faster than anything else!

Altinity-Kodiak Data Partnership

Altinity is the leading service provider for ClickHouse. Kodiak Data and Altinity together are providing a cloud version of ClickHouse to enable customers to run powerful, interactive analytics at scale. The partnership offers a comprehensive set of demo, benchmarking, sandbox and production environments for ClickHouse users. Sign up to access a demo at <http://clickhouse-demo.memcloud.works/>.

"By combining ClickHouse with MemCloud, our customers will benefit from ease of administration, unmatched value and performance, and Altinity's 24x7 support."

Mindaugas Zukas, CEO of Altinity



Features

Super High Speed—Enjoy the MemCloud advantage:

- 1M+ IOPs on every node
- ClickHouse runs 2X faster on MemCloud vs. AWS

Easy Data In/Out—Upload/download data from network or in bulk.

Simple Cost Model—Flat rates start at \$50/week.

No Changes to Software—Runs like metal. Just faster.

ClickHouse on MemCloud is Simply Easier, Faster and More Cost-Effective

	MEMCLOUD	ROLL YOUR OWN	AWS
Up-Front Planning	None. On-demand. Choose a ClickHouse cluster with required nodes and capacity.	Drawn-out preplan of bare metal clusters. Authorize budget. Wait for HW acquisition, delivery.	Learn AWS. Maintain AWS. Constantly monitor "spot" prices. Re-code and re-code to save costs.
Speed of Deployment	Pre-populated environments with very quick time-to-run. Minutes to Hours.	Install, plumb, test, provision and tune by hand. Months.	Quick for web servers. Big Data clusters provision - heavy lifting one instance at a time. Weeks.
ClickHouse Performance	100Gb infrastructure. Fastest on planet. Really.	Limited by budget and speed of your current infrastructure.	10Gb infrastructure. Slow and expensive.
Value	Flat rate per week. Pay as you grow with linear scalability. Predictable costs.	Large up-front investment with cumbersome growth.	5-10X more expensive for similar size/performance clusters. Unpredictable cost.
Portability	Portable between hosted, on-prem and other cloud environments.	Locked into physical infrastructure with many nodes.	Locked into AWS.

About Kodiak Data

Kodiak Data is a leading cluster virtualization technology company that allows customers to easily deploy and scale Big Data infrastructure in both public and private clouds. The Kodiak Data Virtual Cluster Infrastructure (VCI) platform is the only solution that can create, within minutes, code-ready virtual clusters that run at memory-speed and scale to the needs of big data applications. For more information about Kodiak Data, visit www.kodiakdata.com.

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