

# How Altinity simplified ClickHouse® operation to enable a timely product launch

## COMPANY NAME:

Stellate (formally GraphCDN)

## ABOUT THE COMPANY:

Stellate is building the global data graph by connecting GraphQL APIs. GraphQL is an API technology that turns APIs from a list of endpoints into graphs that enables them to connect together into the global data graph.

For more information, please visit our Blog which contains an extensive write-up about [Altinity's work with Stellate](#).

## PROBLEM

### We need a *fast* database ASAP

Stellate initially implemented Amazon Timestream, a managed database for time stream data. Stellate team quickly discovered that it was not fast enough to handle analytics on content delivery networks (CDNs), which generate enormous numbers of events per day. They discovered ClickHouse, but with a closely approaching product launch date, they needed expertise to help with migration and operation of ClickHouse.

## SOLUTION & RESULT

### Leaning on Altinity.Cloud and Altinity engineers

The Stellate team chose [Altinity.Cloud](#)®, which offers managed service for ClickHouse. Altinity.Cloud simplified development by abstracting away details of operating ClickHouse. It was simple to spin up new clusters and get started.

Moreover, Altinity's 24x7 enterprise support (which is available for all Altinity.Cloud accounts) was critical to meet Stellate's deployment deadline. Altinity support helped Stellate engineers quickly work through Kafka integration, replication choices, and schema optimization, to name just a few issues. GraphCDN started its first ClickHouse cluster in Altinity.Cloud on 16 April. The service launched publicly later on 17 June.

“ We are *\*very\** happy with **ClickHouse running in Altinity.Cloud**. The Altinity team has been incredibly helpful. They handle ClickHouse operation and also advised us on everything from Kafka integration to building alerts on tenant data. Their assistance ensured we made our launch date.

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