



Case Study

Global Sports Entertainment Organization

Global sports entertainment organization with more than 50 venues across the U.S. and internationally needed Datavail's help to consolidate data from multiple venues for reporting.

Challenges

This migration would involve many different products from Oracle and other software companies, including:

- Feeding the data from 50+ locations into a central location without delays
- Dependencies and limitations with running an older version of MySQL within multiple locations
- Request for the implementation to be in the AWS cloud

Solution & Implementation

- Datavail's MySQL team provided the strategy planning and approach to use multi-source replication features in MySQL 5.7 & MySQL 8.0.
- The AWS EC2 instance with MySQL5.7.x/8.0.x was implemented as the best choice citing the limitations involved with RDS/Aurora on AWS.
- MySQL replication was set up and allowed the data feeds from 50+ locations to the cloud instance using replication channels with the multi-source replication feature along with replication filters.
- Also used was SSL-based MySQL replication to ensure secure data transfer from multiple locations to the cloud.

Results

- The customer can now fetch the reports from one single server using single query
- Reports can now be run on-demand with much faster response times
- There are no longer delays involved with consolidation of multiple reports