

Challenge

MyTeam11 is the new global leader in the market of fantasy sports sites, ensuring that each user gets benefits and rewards at the end of any contest. MyTeam11 is a leading option when it comes to sports like cricket, football (soccer), kabaddi, hockey, basketball, handball, volleyball, rugby, and baseball.



With 15 million+ users and set to double its current level of 25,000 operations per second, MyTeam11's fantasy sports gaming platform has extremely unpredictable data loads. For example, Cricket teams don't post their roster until 30 minutes before the match starts—creating a last-minute rush. The team needed a stable and fast database to handle the elasticity of its data peaks.

Solution

Redis Enterprise Cloud running on Amazon Web Services (AWS) infrastructure handles all of MyTeam11's data for 15 million users, maintains real-time leaderboards, and provides authentication and session management.

"We were between two solutions in our search for a cache, Redis Enterprise Cloud and Amazon ElastiCache," said Arjun Yadav, Chief Technical Officer at MyTeam11. "Redis Enterprise Cloud was a far better overall solution than ElastiCache. Redis Enterprise Cloud's performance and failover were second to none. After evaluating, we realized we could use Redis Enterprise Cloud beyond caching and as our primary database."

MyTeam11 relies on Redis Enterprise Cloud running on Amazon Web Services (AWS) infrastructure to handle all of its 15 million users' profile data, maintain real-time leaderboards, and provide authentication and session management. With Redis Enterprise Cloud's elastic scalability, MyTeam11 can handle the peak data loads that hit in the 30 minutes leading up to a cricket match as users rush to the platform to set their fantasy rosters as soon as the starters are announced. MyTeam11's previous SQL database was unable to handle the load.

Because Redis Enterprise Cloud is a fully managed service, MyTeam11 has eliminated a ton of operational headaches. Instead of keeping busy tweaking the SQL database, the team now works on greenfield applications that help move the needle of the company's core business.

With Redis Enterprise Cloud, MyTeam11 is able to handle seasonal data spikes without speed tradeoffs, which lets users seamlessly use the platform without experiencing interruptions or lag. Switching to Redis Enterprise Cloud helped MyTeam11 deal with session management and significantly reduce the number of database calls as users create their fantasy teams. The team at MyTeam11 is excited to expand its use cases for Redis Enterprise Cloud.

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– Arjun Yadav, Chief Technical Officer, MyTeam11

Benefits

Now that Redis Enterprise Cloud can manage the day-to-day operations of a SQL database, the team has been freed to work on developing strategic greenfield applications.

To learn more about the MyTeam11 case study, listen to the [podcast](#).