

Hamdan Bin Mohammed Smart University Uses Percona to Actively Manage Their AWS Aurora Database Environment



About the company

Hamdan Bin Mohammed Smart University (HBMSU) is the first accredited smart learning institution in the Arab world. Established in 2002 as a passionate response to the challenges facing education in the Arab world, it is committed to delivering a culture of quality, innovation, and research. HBMSU has the potential to bring about a paradigm shift in education in all parts of the world as part of the emerging quest to create knowledge-based prosperous societies.

HBMSU's Lifelong Learning Model is designed to provide education and learning experiences that combine academic and non-academic programs and courses. It expands learning opportunities in all walks of life and creates relevant contexts where all categories of learners can be effectively engaged in the learning process.

The university offers a fresh and unique learning experience facilitated via an integrated smart learning ecosystem, mobile learning, virtual classrooms, modern learning management system, gamification, social learning, and many other components.

The challenge

HBMSU offers different smart learning platforms that aim to make learning accessible by everyone around the world. MySQL databases form the core of HBMSU's smart learning systems.

To meet the needs of their users, it is crucial that HBMSU systems are available 24/7/365. They also need to be able to accommodate an increased workload, as the number of learners online expands.

Percona has been a valuable partner to our e-learning development team over the last seven years. With Percona, we are confident that we have the world's best database experts at hand to support our e-learning platform growth plans. This will enable us to execute our vision of providing free education to the whole Arab world.

Dr. Mansoor Al Awar,
Chancellor,
Hamdan Bin Mohammed
Smart University

The solution

As HBMSU goes global, they seek state-of-the-art products and services. HBMSU is the first educational organization to be fully on the public Cloud in the Middle East and North Africa (MENA) Region. HBMSU's newest smart learning platform is underpinned by a MySQL database hosted on AWS Aurora.

Percona helped HBMSU migrate their existing database to Aurora RDS smoothly and efficiently. Following this successful migration, HBMSU contracted [Percona Managed Database Service](#) to ensure that their environment is proactively monitored round-the-clock, maintaining high availability and reducing the risk of critical incidents.

How Percona made a difference

HBMSU has been a valued Percona client since 2014, and they consider Percona the top choice when it comes to advice and assistance on MySQL databases.

Percona has spent many years ensuring that HBMSU's databases are always available and functioning at the optimum level. When faced with issues, Percona proaction has helped HBMSU recover almost instantly. Percona also helps HBMSU to identify and solve underlying problems.

HBMSU appreciates the remote-working structure and 24/7 availability of Percona. HBMSU cites the high standard of advice, exceptional professionalism, and deep database knowledge of each and every individual of the Percona team they have worked with.

Percona is proud of its long relationship with Hamdan Bin Mohammed Smart University and looks forward to a successful future, helping HBMSU meet their database and business goals.

Hamdan Bin Mohammed Smart University uses Percona Managed Database Service to:

- Monitor the HBMSU database environment 24x7x365, ensuring high availability and satisfying performance levels
- Review current database design and configuration, and find ways to improve it
- Ensure that database infrastructure is not overprovisioned to keep hosting costs low
- Plan and execute a long-term strategy for their database environment