Ping Identity helps customers accelerate their cloud adoption with Amazon Aurora compatibility

Case Study

Executive Summary

Many of Ping Identity's customers are choosing to run their business on AWS. As a result, Ping made their identity management solution compatible with Amazon Aurora. Now with AWS, customers can store and validate hundreds of millions of identities in the secure, highly scalable, fully managed database.

The Challenge

Today's large enterprises need to be able to limit and control individual user access to data stores for security and compliance purposes. Given the number of diverse data sources typical organizations have today, achieving the necessary level of control requires managing multiple logins for users and complex policy rules for companies.

Large enterprises typically implement single sign-on (SSO) solutions to reduce the sprawl of multiple usernames and passwords and increase security. At the same time, those SSO solutions need to seamlessly integrate with all of those disparate data stores in order to authenticate users in real time for an exceptional user experience. It is critical that security measures don't prevent users from gaining real time access to the data they need.

The virtually, unmatched extensibility of Ping Identity's SSO solution enables customers to choose where they store their user profiles. Many who run on-premises, legacy databases, for their identity directory are looking to eliminate dependencies on old-guard commercial databases. Enterprises across a variety of industries are moving to the cloud to take advantage of scalability and performance, and they want to bring their identity directories with them. They want an elegant identity and access management solution that supports their cloud-first mandates and digital transformation initiatives.

The Solution

Ping's industry leading, global authentication authority and SSO solution, PingFederate, is now certified for use with Amazon Aurora, which provides the performance and availability of commercial grade databases at 1/10th the cost. Customers looking to move their directory to a scalable, fully managed cloud database, can now migrate their identities to Amazon Aurora for immediate benefits. PingFederate's support of Amazon Aurora makes it easier for large enterprise customers to effortlessly integrate with a fully managed cloud database and provide a great user experience.

About Ping Identity

Ping Identity, a leader in Identity Defined Security, helps enterprises achieve Zero Trust identity-defined security and more personalized user experiences. The Ping Intelligent Identity™ platform provides customers, workforce, and partners with access to cloud, mobile, SaaS and on-premises applications across the hybrid enterprise. Over half of the Fortune 100 choose Ping Identity for their identity expertise, open standards leadership, and strategic technology partnerships.

Ping Identity provides flexible identity solutions that accelerate digital business initiatives, delight customers, and secure the enterprise through multi-factor authentication, single sign-on, access management, intelligent API security, directory, and data governance capabilities. Its critical tier-zero infrastructure services can be deployed on-premises, in the cloud, or both in a hybrid environment.

"Ping Identity is our Swiss Army knife. It's made things incredibly easy for all the engineers at Netflix."

— Jonathan Hurd, IAM Engineering Manager for Netflix

> "We see customers going all in on Amazon, and we would definitely recommend them using Amazon Aurora for their directory."
>
> — Peter Holko, Technology Alliances Solution Architect at Ping Identity

Results and Benefits

With Amazon Aurora, PingFederate SSO customers can now store and verify their users' identities on a fully managed, highly scalable database in the cloud. This allows customers to store identity data confidently, provide users real-time access to business-critical data stores, and reduce the costs to scale and manage these services.

Meet the request of AWS customers

Across industries, Ping Identity's global customers have been moving to the cloud to meet strategic modernization goals. Many have migrated to AWS, and as part of their move, they're looking to migrate their on-premises identity database to their new cloud environment. Customers already using Ping Identity's leading SSO solution asked the company to validate use of Amazon Aurora for the directory database. "Customers trust AWS," explained Peter Holko, Technology Alliances Solution Architect for Ping Identity, "and they feel confident their data will be secure there."

Reduce costs to scale and manage database

Migrating directory databases from legacy, on-premises hardware to the cloud helps large enterprise companies reduce their maintenance and operational costs. Amazon Aurora also provides consistent performance, high availability, and seamless scaling up to hundreds of millions of identities, so customers can be confident their users' identities will be verified in real time.

Improve overall customer product satisfaction

Many large organizations store and manage millions of credentials on monolithic, legacy databases. Amazon Aurora simplifies database administration by automating tasks such as hardware provisioning, software patching, setup, configuration, and backups. "By migrating to Amazon Aurora, they don't have to worry about database engine upgrades, patching, or day-to-day management tasks," said Peter. To assist with digital transformation, many companies look to fully managed cloud services like Amazon Aurora to free up engineers from low-value (but critical) administration tasks.

Learn more

[Amazon Aurora](#) is a MySQL and PostgreSQL-compatible relational database built for the cloud, that combines the performance and availability of traditional enterprise databases with the simplicity and cost-effectiveness of open source databases. Amazon Aurora is up to five times faster than standard MySQL databases and three times faster than standard PostgreSQL databases. It provides the security, availability, and reliability of commercial databases at 1/10th the cost.