Robust databases for
modern app development

Secure database-as-a-service platforms free agencies to focus on creating innovative apps

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The federal government's mandate that agencies become cloud-first entities seeks to reduce the costs associated with managing data centers and redirect employees' time and effort to higher-value activities. Rather than spend precious resources on the complexity and expense of a self-managed environment, cloud service providers can do some of that back-end orchestration and management while agencies leverage cloud technologies to conduct mission-critical work, such as application modernization and data sharing.

Having access to a variety of structured and unstructured data is essential for modern application development. And as data continues to grow, so does the need to unlock data's ability to power new applications.

Agencies don't have the time, knowledge or resources to re-architect the many legacy applications in government. Instead of being bogged down with refactoring schemas from legacy applications, they need a modern data platform that will allow them to create innovative apps.

Baking security into an application's life cycle

Cloud computing has the ability to scale on demand to support modern application development and meet user demands quickly in a secure environment. That's why we created Atlas for Government, an independent environment of our flagship cloud product MongoDB Atlas.

Atlas for Government allows federal, state and local governments to build and iterate faster using a modern database-as-a-service platform. Our innovative approach gives agencies the versatility they need to modernize legacy applications and support the unique requirements and missions of the U.S. government — in a fully managed and secure environment.

Security is our top priority at MongoDB. Atlas for Government has achieved the FedRAMP Ready designation and the FedRAMP In-Process designation, and we are currently pursuing the path to FedRAMP Moderate authorization. The product comes with client-side field-level encryption out of the box, which dramatically reduces the risk of

unauthorized access or disclosure of sensitive data. Agencies are able to bake in security from the beginning of an application's life cycle, and a seamless integration with DevSecOps can also begin at inception. As a result, our hosted service is more secure than a self-managed community edition of a database product.

We are incredibly excited that our partnership with Amazon Web Services enables us to offer Atlas for Government in AWS GovCloud and AWS US East/West regions, which have been authorized at the FedRAMP Moderate level.

Taking advantage of cloud's flexibility

Atlas for Government offers network isolation and role-based access controls to keep data protected. Furthermore, agencies can create and deploy a cluster in minutes and modify a cluster with zero downtime. And those clusters are fault-tolerant and self-healing.

Because the Atlas for Government platform gives agencies baked-in security and maximizes efficiency, it

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frees up government IT personnel to do the higher-value work of delivering application modernization to citizens and internal stakeholders.

The cloud industry is getting more crowded, and more players are entering the space. That competition is excellent for government agencies that don't want to be locked into one vendor or one cloud service provider. Flexibility is a core component of MongoDB's products, allowing agencies to run them in the cloud, on premises or in a hybrid model.

As agencies are maturing their presence in the cloud, they must ensure they are not locking themselves into any one single cloud vendor to increase optionality for reasons of price and access to the best technology for the mission, as well as to maintain optimal availability. MongoDB supports availability on all three major cloud providers, as well as on-premises, giving our clients full deployment optionality without their data ever being locked into any one single vendor.

Companies are also moving toward adding more pieces of the application stack to the cloud and shifting to a granular pay-as-you-go model. Ultimately, the industry is optimizing for subject-matter experts, whether they are scientists researching federal datasets that reside on cloud platforms or developers building mission-critical government applications. ◾

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MongoDB Atlas For Government

Deploy, run, and scale MongoDB in AWS GovCloud. The most innovative cloud database service, providing the versatility to modernize legacy applications and support the unique needs of the US government in a secure, fully-managed, FedRAMP environment.

MongoDB Atlas

The multi-cloud developer data platform. An integrated suite of cloud database and data services to streamline how you build with data. Easily distribute data across multiple cloud providers like AWS, GCP, and Microsoft Azure, enabling mobility and resilience.

Develop faster and accelerate time to mission

Simplify data management

Scale your workloads securely and confidently

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