



# Running MongoDB Atlas in AWS' Elastic Kubernetes Service (EKS)

Seamlessly integrate MongoDB Atlas into your current EKS deployment pipeline allowing your Developers to manage Atlas in exactly the same way they manage their containerized applications running in EKS.

## Manage Atlas resources directly in EKS

Easily integrate Atlas with EKS-native CI/CD pipelines, and save developers from needing any more Kubernetes rights or expertise.

## Standardize management of Atlas in AWS

EKS provides a consistent, fully-supported Kubernetes solution with integrated tooling and simple deployment to AWS Outposts, virtual machines, or bare metal servers to help unify custom resource definitions across environments.

## A robust operator with support certified for EKS

The Atlas Operator is open source and built following the CNCF Operator Framework and supports any Certified Kubernetes Distributions, such as EKS.

### About MongoDB Atlas

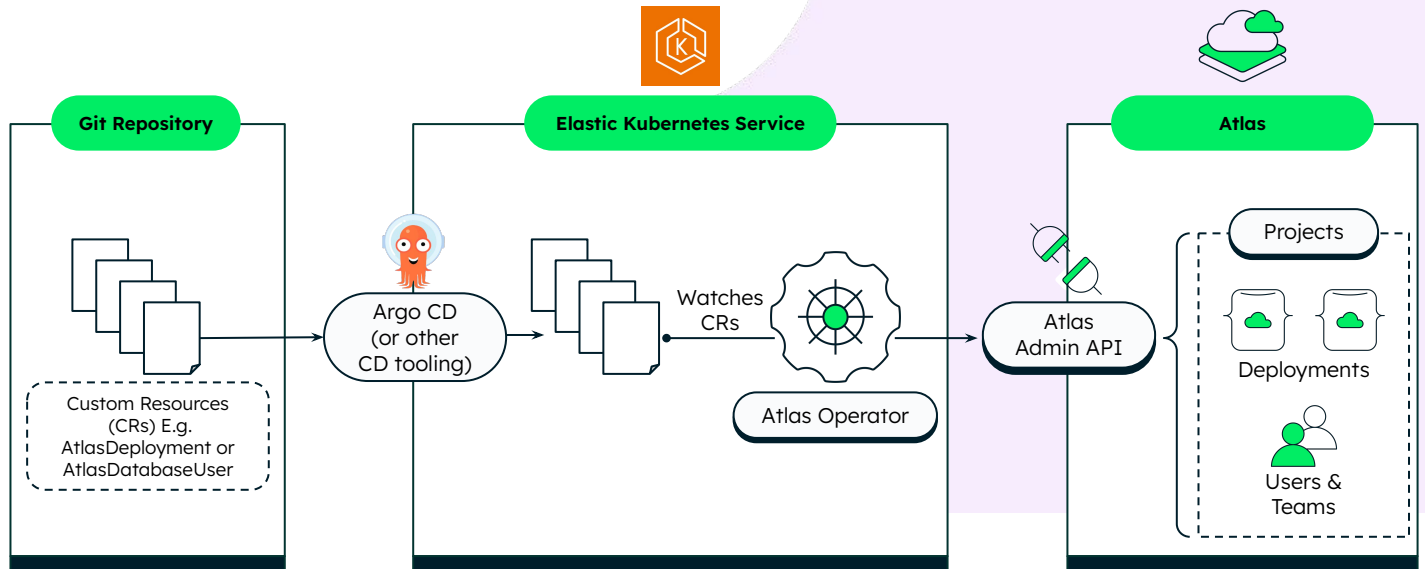
MongoDB Atlas is a fully managed cloud database with multi-cloud and multi-region data distribution capability. Designed with strong security defaults in mind, the burden of securely using the service is minimized for the customer. These defaults include always-on authentication, authorization, encryption in transit, encryption at rest, and no access from the Internet. Additionally, MongoDB Atlas helps customers efficiently and quickly build applications with automated infrastructure provisioning, database setup, maintenance, and version upgrades.

### About AWS

Amazon Web Services (AWS) is the world's most comprehensive and broadly adopted cloud, offering over 200 fully featured services from data centers globally. Millions of customers—including the fastest-growing startups, largest enterprises, and leading government agencies—are using AWS to lower costs, become more agile, and innovate faster.

## How the Atlas Kubernetes Operator works with AWS EKS

Seamlessly integrate MongoDB Atlas into your current EKS deployment pipeline allowing developers running on AWS to manage Atlas in exactly the same way they manage their containerized applications running in EKS. Enable developers to deploy, configure, and scale Atlas clusters within AWS through configuration files in their repository, making it effortless to adopt into their existing workflow.



## MongoDB Atlas and AWS Elastic Kubernetes Service Benefits

- Developers can manage their configuration alongside their configuration of apps running in EKS, using the same tools and processes
- Save developers from needing any more Kubernetes rights or expertise
- Prevent configuration drift with an operator that keeps the configuration aligned with the source of truth configuration files
- EKS provides a standardized, fully-supported Kubernetes solution that is easily integrated with Atlas

## About MongoDB

MongoDB is the leading modern, general purpose database platform, designed to unleash the power of software and data for developers and the applications they build. MongoDB is the developer data platform company empowering innovators to create, transform, and disrupt industries by unleashing the power of software and data. Headquartered in New York, MongoDB has nearly 43K enterprise customers (as of Q4 earnings) in over 100 countries. The MongoDB database platform has been downloaded over 325 million times and there have been more than 1.5 million registrations for MongoDB University courses.

## Resources

- See [docs](#)
- See [webpage](#)

## For more information:

- Visit [mongodb.com](https://mongodb.com)
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