

Carbonetes works together with DeepData for an improved and secured container deployment



DeepData as a Cloud-Based Software

DeepData provides a cloud-based software tool that makes it easier for completion engineers, geologists, labs, logging companies, and service providers to collaborate to improve completion designs. It offers geo-engineered completion designs to reduce completion costs and boost productivity. DeepData makes it easier for users to deliver information, insight, and even complete frac designs in ways that are easily viewed and used.

DeepData Container Concern

Deep Data wants to ensure its containers' security and scanner engines are up to date. Since their application is designed as a micro-service, they are divided into many different services, ensuring security puts extra work on them. They were searching for a container security analysis tool that would allow them to scan their container-based applications for any vulnerabilities.

DeepData Applied Carbonetes in their Software Development Life Cycle

DeepData uses both Carbonetes' user interface and the Jenkins plugin in its development process. They regularly scan their production docker image using the interface, and as a part of their deployment procedure, they use the Jenkins plugin to ensure that containers are secured. DeepData can include Carbonetes' automated compliance in their SDLC to determine whether the container passed or failed, guaranteeing that it is safe to use before deployment.

Carbonetes as a Solution

Integrating it into their CI/CD pipeline, Carbonetes allowed DeepData to automatically scan images in the container directly from the repository, which reduces the need to keep copies or pull them from the repository to scan in the local machine. Carbonetes also has a multiple scanner engine that gives them numerous insights about the vulnerabilities. It also has different integrations, such as Slack and Jira, which efficiently track issues following each scan.


DeepData secures container images using the AWS Elastic Container Registry. As a partner that also leverages AWS services, they trust Carbonetes for their container security because it is also equipped with AWS GuardDuty, which prioritizes threat tracking and malicious activity. Any data they share, including all analysis results of their container images, are safely stored in Carbonetes' database using AWS RDS.

About Deep Data



<https://deepdata.com/>

The DeepData founding team has worked together starting and building software companies in Silicon Valley for 20 years. This included taking one company public and selling another to Microsoft. They enjoyed solving real problems with cutting-edge technology and intuitive design, but they really wanted to do something significant something that could make lives better for millions. They just needed a big problem to solve.



"Carbonetes can integrate Jira into its system, which is perfect because it makes it simple to keep track of the issues that need to be fixed immediately. It's a good partner that keeps the security of your images in check so you can focus more on your application's development."

-DeepData

Why Carbonetes

It appears laborious to run numerous security tools to scan images for vulnerabilities. With Carbonetes, users will be able to accomplish that with ease. Anyone who wants to efficiently reduce the risk of security breaches and vulnerabilities on their containers should consider employing Carbonetes in their system.

INCREASED DEVOPS PRODUCTIVITY

Developers waste a lot of time running codes through multiple security tools to check individual aspects of their code: open-source licenses, dependencies, vulnerabilities, secrets, and more. Each tool has its workflow and learning curve that drains developer productivity. Many companies skip one or more of these tests because they slow down productivity. Carbonetes unifies all container analysis into a single streamlined workflow that integrates into your existing product development workflow. This one-stop-shop approach to security significantly increases developer satisfaction and productivity.

AUTOMATED COMPLIANCE

Carbonetes creates and manages policies across each analyzer seamlessly. Policies are fully automated and transparent to the development process, so they help increase DevOps productivity.

About Carbonetes

Carbonetes is the most comprehensive container security analysis in the market. It can be integrated seamlessly into your CI/CD pipeline so that your containers are automatically scanned and evaluated to ensure their safety.

