Carbonetes works together with DeepData for more secure Container deployment

DeepData Software as a Service Application

Deep Data is a service application that optimize completion for Engineers, Geologist and LAB/ Well Logger. It offers Completion Design: *Design in just 3 minutes, includes operational docs*, Geo-Aware Design: *Geometric, or Engineered based on mud & well logs* and Better Well Economics: *Reduce costs, increase production, save time*.

DeepData Container Concern

Deep Data want to ensure their containers' security and scanner engines are up to date. Since their application is design as a micro service they are divided into many different services that is why ensuring the security for it puts an extra work for them. They were looking for a container security analysis tool that would allow them to scan for vulnerabilities in their container-based applications.

DeepData Applied Carbonetes on their Software Development Life Cycle

They are using both ui interface and Jenkins plugin in their development process. They are using the interface to scan daily in their production docker image then they are using the Jenkins plugin as a part of their deployment process to ensure that containers are well secured. With the Carbonetes automated compliance they can include in their SDLC the Carbonetes analysis to determined wether the container pass or failed and that's what ensure them that the container is safe to use before the deployment.

Carbonetes as a Solution for DeepData

It allows them to scan the container directly from the repository which helps them to eliminate keeping the copy or pulling it from the repository to scan in the local machine. Carbonetes also has a multiple scanner engine that helps them to give multiple insight about the vulnerabilities. It also has different integrations such as slack that keep us updated after a successful scan.

After using Carbonetes and integrating it into their CI/CD pipeline, scanning their images for vulnerabilities has been simplified and automated.

Deep Data use AWS Elastic Container Registry for securing their containers images so It makes sense that they are using Carbonetes who also runs in AWS. Carbonetes use AWS RDS for securing our data and also equipped with Secure State's integration with AWS GuardDuty to for prioritize threat tracking and detect malicious activity. Carbonetes using AWS services builds trust for DeepData since their using AWS services too.

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.

Why Carbonetes

The idea of running multiple security tools to scan images for vulnerabilities seems tedious. Carbonetes will allow users to just that with ease. Anyone who wants to mitigate the risk of security breaches and vulnerabilities on their containers in the most efficient way possible should consider using Carbonetes.

INCREASED DEVOPS PRODUCTIVITY

Developers waste a lot of time running their code through various security tools to check individual aspects of their code: open source licenses, open source dependencies, vulnerabilities, secrets and more. Each of these tools has their own workflow and learning curve that drains developer productivity. Many companies skip one or more of these tests because they drag productivity to a crawl. 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

Create and manage policies across each analyzer, for the most complete compliance solution on the market today. Policies are fully automated and transparent to the dev 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.

CARBONETES
CONTAINER SECURITY