DuploCloud Eliminates Industry Barriers in Cloud Compliance & Security with Major Update

Abstract

DuploCloud, an American cloud technology company specializing in DevOps-as-a-Service, has released a major update to the cloud security component of their no-code/low-code platform. The improvements enable support of additional cloud-native security services and products, including AWS Security Hub. This update will allow true single-pane-of-glass monitoring of cloud compliance and security.

Background – Removing the Human Element From Cloud Compliance & Security

Traditionally, deploying cloud applications is complex and time-consuming. The slightest misconfiguration can prevent an application from working, or worse, accidentally expose sensitive customer data, resulting in a data breach. To compensate for this challenge, many organizations must hire entire teams of DevSecOps engineers to manage their cloud infrastructure. This can be expensive and prone to human error.

By removing the human element from cloud compliance and security, DuploCloud has created a platform capable of deploying secure cloud applications in a fraction of the time needed for traditional cloud application deployments. Through automatic provisioning of security services, monitoring, logging, and alerting, as well as out-of-the-box security controls providing compliance with standards such as PCI-DSS, HIPAA, NIST, or ISO, as well as SOC 2, DuploCloud's platform simplifies the cloud application deployment process, saving organizations time and staffing costs. DuploCloud's time-saving solution can automatically provision over 500 cloud services across AWS, Microsoft Azure, and Google Cloud, including AWS EC2, EKS, database, storage, lambda functions, and others.

DuploCloud's most recent update enables support for additional cloud-native security services and products, including AWS Security Hub, which provides a continuous view of the security state of AWS accounts, services, and supported third-party partner products. By integrating directly with AWS Security Hub, DuploCloud enables its customers to monitor the complete security state of their cloud environment.

Key Ramifications

The following are the key ramifications of DuploCloud's implementation of additional cloud-native security services and continued removal of the human element from cloud security.

- Through the usage of additional cloud-native security services and products, customers can leverage a single-pane-of-glass monitoring solution for their entire cloud environment to help streamline security operations, further reducing security and compliance workloads by eliminating the need to switch between multiple interfaces.

- Removal of the human element from cloud security significantly reduces and removes misconfigurations. This results in more secure, out-of-the-box, compliant applications.

- Simplified audit compliance and reporting with out-of-the-box compliance accelerate authority-to-operate and go-to-market timelines while reducing staffing requirements. The ability to instantly generate audit reports removes months from traditional compliance audit timelines.

Through the improved processing speed of compliance monitoring and reporting, as well as the automated implementation of security controls and container deployment, DuploCloud presents organizations standing up new cloud applications a more cost-effective, faster, and more secure deployment option. The continued improvements of their product show the company is committed to continuously providing better value to customers as part of their DevOps-as-a-Service offering.

EMA Perspective

DuploCloud is positioning itself as a leader in the cloud security space, and the continued evolution and improvement of DuploCloud shows their devotion to adding value for their customers. By integrating out-of-the-box compliance and security with automated container and services deployment, their offering far exceeds any manual deployment and configuration or managed service provider, which still rely on the human element. EMA believes that DuploCloud's product offerings have the potential to give new cloud applications a competitive edge over applications that rely on manual configuration and deployment.

With the current skill gap of approximately 3.5 million unfilled cyber-security jobs, the need to augment staff with better technologies is now more important than ever. The reduced go-to-market time and continuous compliance allow organizations to focus more on income-generating activities and less on deploying and configuring security and compliance controls. DuploCloud's continuing investment into improving accuracy and performance of their product means customers aren't just paying a subscription for a static service offering but are themselves investing in the future of cloud security.