Caveonix Cloud Platform accelerating Federal Agency AWS adoption

aws partner network

Executive Summary

By using Caveonix Cloud Platform, a large government agency with a strong commitment to modernizing its infrastructure and applications by moving existing and future authorized FISMA systems from on-prem to the AWS, has grown to over 30,000 cloud assets in AWS. Caveonix Cloud Platform includes Cloud Security Posture Management (CSPM), Cloud Workload Protection Platform (CWPP), and Governance, Risk, and Compliance (GRC) integrated features to improve velocity of migration and related ATOs with an approximate 30% efficiency improvement, as well as better visibility of cloud services and related asset posture to improve their continuous monitoring.

Customer before Caveonix Cloud

Prior to implementing Caveonix Cloud Platform the customer extended their on-prem practice of periodic scanning of the virtual machines but lacked visibility to their full security and compliance risk on a system-by-system basis. They were particularly concerned about tracking the security posture of various types of AWS services, including storage. They also wanted to be able to apply a common risk and compliance platform for the public cloud and on-prem systems. Finally, they wanted to make a concerted effort to move from periodic FISMA system re-authorization to having more and more FISMA systems under a state of ongoing authorization and continuous monitoring. The agency also is able to accelerate new system ATOs in their AWS environment.

Caveonix Solution

Caveonix Cloud is unique in providing an application centric approach by combining CSPM and CWPP with a NIST 800-37 risk management framework implementation for a full governance, risk and compliance (GRC) capability. It includes a rich suite of dashboards and operational features specifically designed for this type of customer and their requirements.

About the Customer

Large U.S. federal agency migrating applications to AWS to increase flexibility and scale

After deployment of Caveonix Cloud

Caveonix Cloud was deployed in one of the agency's AWS accounts and was able to reach all of the related AWS accounts, on-prem datacenters, and other public cloud environments. The AWS cloud inventory was extracted, asset/services posture checked, and organized by organization and applications using by integrating with AWS' asset tagging features. The system audit and compliance packages were created by exporting data from their legacy governance package in creating new audit and compliance packages in Caveonix Cloud. Finally remote collectors were deployed to conduct agentless scans of workloads at the operating system level in various VPCs and related network-segmented zones.

The Caveonix Cloud deployment created an automated risk management system that has enabled the customer to accelerate their existing ATOs and continuous risk management at an acceptable level with a full automation platform. This success is a result of both a platform and customer better together story of how Caveonix assisted a customer to move faster and scaling its AWS utilization and adoption with better control and visibility of their risk posture continuously at the speed of cloud.

Additional Benefits of the Deployment of Caveonix Cloud

Because Caveonix Cloud goes beyond basic CSPM and CWPP solutions by deploying an application-centric framework, the agency also found that they were also able to gain operational efficiency benefits from improved visibility regarding the overall usage of AWS services across their organizations and component FISMA Systems. This had the effect of further accelerating the deployment of Caveonix Cloud throughout the organization.

About Caveonix

Caveonix Cloud is the industry-leading hyperscale security, compliance and governance platform for the hybrid multicloud. Caveonix reduces costs, saves time and simplifies compliance and governance by combining Cloud Security Posture Management (CSPM), Cloud Workload Protection Platform (CWPP), Cloud Native Application Protection Platform (CNAPP) and automated Governance Risk and Compliance (GRC) in an integrated solution for hybrid multicloud environments.

CAVĒONIX