INTERNATIONAL PROVIDER OF INTEGRATED OILFIELD PRODUCTS, SERVICES AND DIGITAL SOLUTIONS EMBRACES CAVIRIN SOLUTION

The Cavirin solution provides automated AWS, Azure and on-premise account security with CIS, NIST, GDPR, and SOC 2 compliance, patches and vulnerability management, scanning of Docker workloads with Kubernetes support, plus visibility across all of the organization's servers within its complex hybrid infrastructure.

CAVIRIN BENEFITS

- A single, unified view, including a CyberPosture Score, across a complex hybrid infrastructure

- Automation of manual and tedious compliance assessment processes saving hundreds of manual hours

- A wizard-based approach to OS hardening

- Secure agentless cloud migration with multi-cloud deployments

- Access to a rich set of security policy frameworks

The Challenge

To keep up with massive computing demands and gain a competitive edge, this company is moving a host of its on-premise processes to AWS and Azure. Automation and compliance across the hybrid environment were key requirements as the company struggled with multiple manual security tools for monitoring and compliance.

Compliance for Dynamic Environment

With upwards of 10,000+ instances made up of various operating systems (Linux, Ubuntu, CentOS and Windows servers) this organization spins-up workloads to optimize their transport and oil/gas platform. Today, the workloads span AWS as well as on-premise traditional data centers with security being top of mind. In the near future, they plan to add Azure to the mix for resiliency. The overall environment is dynamic, with a network of thousands of workloads, and the ability to obtain and maintain compliance across this diverse environment is critical. With Cavirin, this organization is able to automate a very manual compliance process--utilizing CIS, NIST and GDPR frameworks plus patches and vulnerability policy packs mapped to each asset providing a single view for visibility and remediation guidance--increasing operational efficiency and optimizing its compliance posture.

Automated OS Hardening

A differentiator of the Cavirin platform is a wizard-based approach to OS hardening, shortening the time and effort required to connect to existing systems. OS hardening, (according to Pearson IT Certification) is the act of configuring an OS securely, updating it, creating rules and policies to help govern the system in a secure manner, and removing unnecessary applications and services. Cavirin's approach automates discovery, assessment, and remediation guidance, shortening the time and effort required to secure a complex environment, such as this one. The company's desired third-party integration was Ansible, used for configuration management for Linux systems. The Cavirin solution easily integrates with Ansible providing Host IP's and configuration delta information in matter of minutes.

Cloud Security Posture Managment

Leveraging the complete capabilities of the Cavirin solution, the customer assesses their AWS services and account environment against Cavirin's AWS baseline, web services, and network policy frameworks. They have also enabled CloudTrail monitoring for a real-time view into their cybersecurity posture.

In Summary

By implementing the Cavirin solution, this oil/gas organization has not only automated the manual compliance scans and remediation workflows across their dynamic hybrid environment, but they now have the ability to run reports comparing the latest assessments against the previous one. This benefit enables users to quickly assess and remediate their compliance posture gaps, saving hundreds of manual hours previously dedicated to their manual processes.

cavirin

Cavirin is a global provider of risk, cybersecurity, and compliance posture intelligence for the hybrid cloud. Our machine learning driven CyberPosture intelligence delivers real-time risk & cybersecurity posture management, automated compliance, and facilitates secure cloud migration.

ADDITIONAL INFORMATION

To learn more about the benefits of the Cavirin CyberPosture Intelligence Platform email us at, **info@cavirin.com** or visit our Web site, **www.cavirin.com**