CleanSlate

CASE STUDY

CLEANSLATE HEALTHCHECK FOR CLOUD OPTIMIZATION

CleanSlate

CLARITY IN TECHNOLOGY

CLIENT **OVERVIEW:**

Financial services organization that provides student loan services to allow college students to obtain university or college level education.

CLIENT **PROFILE:**

LOCATION:
Midwest

EMPLOYEES:
100

INDUSTRY:
Financial Services

SOLUTIONS:
AWS Native Tools
CloudTrail and
CloudWatch alarms
AWS S3
CloudCheckr

CASE STUDY: **CleanSlate Healthcheck for Cloud Optimization**

CHALLENGE:
Our client had invested significantly in AWS cloud-based implementations and had engaged multiple parties to complete needed solutions. Over time, management of multiple AWS accounts and resources had introduced both administrative challenges and perceived security gaps. Clear visibility was needed on the current state along with an understanding of potential security and implementation deficiencies. Identified deficiencies would need to be quickly addressed including implementation of new controls to improve monitoring and incident response capabilities.

SOLUTION:
CleanSlate was engaged by the client to provide a CleanSlate Cloud Healthcheck – a comprehensive assessment of the AWS implementation, including architecture, resources, security, and operational best practices. The team utilized their deep knowledge of AWS services and industry best practices to capture current state and determine areas of risk. We also leveraged modern cloud analysis tools to uncover potential security gaps. The assessment results were summarized into an action plan that provided the client a clear picture of the current state, along with prioritized activities needed to bring the cloud environments into alignment with security and compliance controls.

As a result of the assessment, CleanSlate was engaged to complete remediation and implementation improvements. Items from the action plan were completed at the direction of the client, and "critical" or "high" priority items were remediated quickly. In addition, improvements were made to monitoring and IT Operational processes by utilizing cloud-native compliance enforcement, automated remediations, implementing incident response controls, and creating response playbooks.

> **CleanSlate created an actionable plan for the client to achieve a secure and operationally efficient state for their AWS cloud platform.**

RESULTS:
The CleanSlate Cloud Healthcheck along with remediation services helped reduce risk and security issues for our client by providing the following:

◊ An accurate evaluation of the current AWS cloud platform and a complete analysis of potential implementation gaps.
◊ Remediation services to address the highest priority gaps, and a plan to complete future remediation efforts.
◊ Implementation of monitoring and IT Operational controls
◊ Foundational education about AWS best practices along with the creation of playbooks to help with IT operational support