



AWS Security for Business Resilience

Client Profile:

Outdoor Equipment Manufacturer

Business Challenge

Our client faced a significant challenge in securing their AWS environment, which exposed the organization to potential service disruptions, security breaches, data exposure, and regulatory non-compliance. This issue impacted multiple stakeholders, including internal teams, external partners, and customers who depended on the reliability and security of offered cloud services.

Technical Challenge

Our client wanted to enhance their security posture by providing comprehensive visibility into their AWS environment and ensuring compliance with industry standards. Key objectives included:

- Assessing the environment against AWS security best practices and NIST 800-53 requirements.
- Implementing proactive security measures to identify and mitigate vulnerabilities.
- Equipping the client's IT team with the knowledge and tools to maintain ongoing security compliance.

Our Solution

The Keyva team took a structured approach to strengthening the client's AWS security posture by balancing immediate risk mitigation with long-term security resilience. Our process included:

- **Security Assessment & Planning:** Conducting an in-depth discussions with the client's IT leadership to understand their security concerns, business objectives, and compliance requirements.
- **AWS Security Hub Deployment:** Implementing AWS Security Hub to gain real-time visibility into security risks and compliance gaps.
- **Framework-Based Evaluation:** Assessing security configurations against AWS best practices and NIST 800-53 standards to identify areas requiring remediation.



- **Advanced Security Services Integration:** Deploying additional AWS security tools such as GuardDuty, Inspector, and Macie to enhance threat detection, vulnerability scanning, and data protection.
- **Knowledge Transfer & Enablement:** Delivering hands-on training and documentation to empower the client's IT team to proactively manage and optimize security controls.

Results

The Keyva solution provided our client with a holistic view of their security posture, allowing them to identify and address vulnerabilities before they could be exploited. The results the client realized include:

- Achieving a higher AWS Security Hub compliance score, reflecting enhanced security and regulatory adherence.
- Strengthening real-time monitoring capabilities, enabling proactive threat identification and mitigation.
- Providing IT leadership with assurance that critical business applications were secure, reducing risk exposure and enhancing stakeholder trust.

Why Keyva?

Keyva's deep expertise in cloud security as well as our existing relationship with the client positioned us as the right partner to help them address this challenge. Our ability to design and implement a security solution tailored to their needs ensured that the client's AWS environment remained secure, compliant, and resilient against ever-changing threats. By combining best-in-class security tools with expert guidance, Keyva helped the client to maintain a robust security posture with confidence.