Bring Your Own AWS

A Hybrid Approach for Better Data Privacy and Unlimited Scalability

Big Data Security Challenges

As more applications move to the cloud to take advantage of operational efficiencies and cost savings, data privacy becomes tougher to maintain. Many security teams want a cloud-native SIEM to monitor their IT environment but do not want to migrate their existing data and data sources over to a new SIEM platform.

The Securonix 'Bring Your Own AWS' Solution

AWS and Securonix have partnered to create a split architecture solution where the existing AWS customers can keep their data within their own AWS implementation, while still leveraging a next-generation SIEM solution with limitless scalability. Securonix is available as a hybrid AWS Architecture Model, where data, services, and applications are optimally deployed between your existing AWS infrastructure and Securonix's infrastructure. You own and maintain your data in AWS, while Securonix hosts the core SIEM solution. This provides cost savings and negates the need to migrate data to the Securonix hosted SIEM solution.

The advantage of this deployment option is that you maintain ownership of the entire data ingestion pipeline at all times, while Securonix provides operational configuration and management of the infrastructure for the SIEM solution.

Securonix provides this alternative deployment model for customers that require ownership of their data. In this cloud delivery mode, Securonix provides all resources to deploy, configure, operate, and manage the SIEM production environment, including all change management and support processes as well as disaster recovery. You provide an AWS account for the configuration of the data ingestion pipeline and long-term storage and search services (Kafka, EMR, S3, and Athena).

For more details on the deployment architecture, please see the diagram below where the customer's environment is in gray and Securonix's is in blue.

Solution Benefits

- **Transparent Cost:** Pay AWS directly so there is no middleman or mark-ups on SIEM infrastructure costs.

- **Better Data Privacy:** Maintain ownership of all your data.

- **Faster Detection and Response to Threats**: Securonix provides our Next-Gen SIEM solution as an extension of the customer's cloud environment.
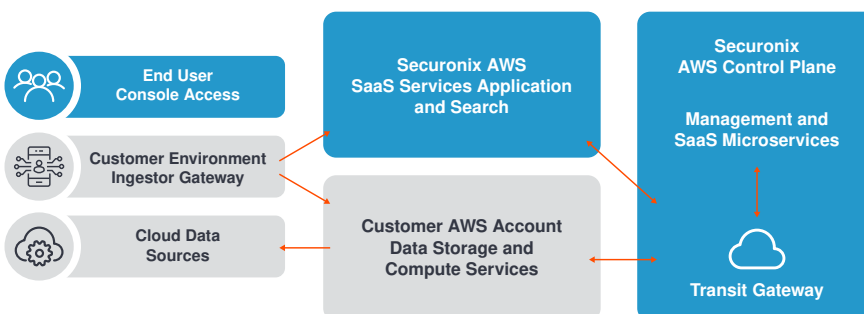
Deployment Architecture Details

- Securonix hosts (in Securonix AWS) the core SIEM application services, monitoring, microservices, and disaster recovery for the solution.
- The customer provides the cloud infrastructure (in their AWS) for data ingestion, processing, and storage.
- The customer owns and maintains the data ingestion pipelines, analytics processing engine, and storage.
- Securonix provides all operational configuration and management of the entire infrastructure.
- Securonix manages and maintains the entire solution, but the customer has visibility into and control over access.

Securonix Co-Shared AWS Deployment Model Works

This shared deployment model delivers unprecedented flexibility for organizations that are faced with growing security and compliancy issues. This hybrid approach satisfies privacy concerns and provides data resiliency while maintaining the analytical fidelity and efficiency of scale needed for security operations. Fundamentally, security monitoring and big data built on AWS services are fully optimized in this environment with Securonix.

For more information about how Securonix can improve your search and threat hunting capabilities visit us at www.securonix.com or schedule a demo www.securonix.com/request-a-demo.

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About Securonix

Securonix transforms enterprise security with actionable intelligence. Using a purpose-built security analytics platform Securonix quickly and accurately detects high-risk threats to your organization. For more information visit www.securonix.com.

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