SPLUNK® AND AMAZON WEB SERVICES (AWS)

Operational Intelligence across your entire AWS and IT environment

When it comes to the cloud, you can't secure, operate or manage costs for what you cannot see. As more of your critical workloads move to AWS, you need end-to-end visibility to:

- **Ensure** AWS deployments meet or exceed security and compliance standards
- **Guarantee** AWS-based applications and services meet defined SLAs
- **Gain** critical security, operational and cost management insights across your entire AWS environment

Splunk solutions make it easy to gain end-to-end visibility across your AWS and hybrid environment. Deploy as software (Splunk Enterprise) or as a cloud service (Splunk Cloud) to gain real-time Operational Intelligence across your applications and services. Leverage the free Splunk App for AWS (available on Splunk Enterprise, Splunk Cloud and Splunk Insights in AWS Marketplace) to gain critical security, operational and cost optimization insights into your AWS deployment.

Splunk's Portfolio of Cloud Solutions Includes:

- **Splunk App for AWS:** Collects and analyzes data from over 15 AWS data sources (including AWS CloudTrail, AWS Config, Amazon Virtual Private Cloud Flow Logs, Amazon Inspector, AWS Billing and Cost Management and more) to deliver security, operational and cost management insights via pre-built dashboards, reports and alerts
- **Splunk Enterprise on AWS:** Delivers Operational Intelligence as self-deployed software on AWS
- **Splunk Cloud:** Delivers the benefits of Splunk Enterprise as a cloud service
- **Splunk Insights for AWS Cloud Monitoring in AWS Marketplace:** Provides teams end-to-end security, operational, and cost-management insights
- **AWS Quick Start for Splunk:** Accelerates deployment of Splunk software on AWS
- **Technology Integrations:** Delivers visualization and analysis for AWS Lambda, Amazon Kinesis, AWS IoT, Amazon EC2 Container Service and Amazon EMR

"The Splunk App for AWS succeeded in providing us an effortless click-through experience in configuring and monitoring all our AWS logs. Using the Splunk App for AWS we are able to visualize and represent our data in a way that makes sense to developers, system administrators and security professionals in one easy to manage interface."

Nathan J Gibson,
Product Privacy and Security Lead, ADT

Gain End-to-End AWS Visibility

The Splunk App for AWS offers a rich set of pre-built dashboards and reports to analyze and visualize data from numerous AWS services—including AWS CloudTrail, AWS Config, AWS Config Rules, Amazon Inspector, Amazon RDS, Amazon CloudWatch, Amazon VPC Flow Logs, Amazon S3, Amazon EC2, Amazon CloudFront, Amazon EBS, Amazon ELB and AWS Billing—all from a single, free app.

With the app you can:

- Ensure security and compliance with a full audit trail
- Gather critical security insights across AWS audit activity, unauthorized users, key-pair and security group violations, AWS instance changes and more
- Visually manage your entire AWS environment through a graphical and interactive AWS Topology overview (see figure 2)
- Leverage machine learning for insights, recommendations and anomaly detection across security and billing data
- Manage AWS cost in real time with an in-depth view of used/unused resource cost, cost by account and cost by service

The Splunk App for AWS is available on Splunk Enterprise, Splunk Cloud and on Splunk Insights for AWS Cloud Monitoring in AWS Marketplace.

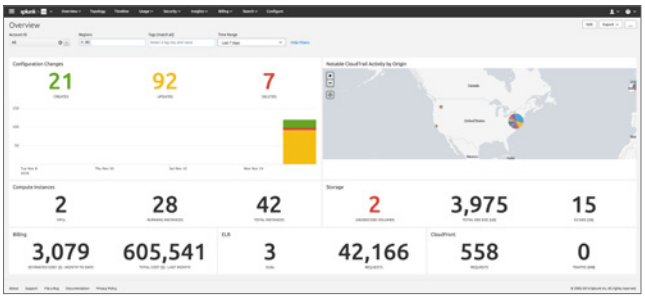

Figure 1: Splunk App for AWS Overview Dashboard

Use Splunk as a Cloud Service

Splunk Cloud

Splunk Cloud is an AWS-based service that delivers the benefits of Splunk Enterprise with the flexibility of a cloud service. Using Splunk Cloud, you can search, analyze and visualize data from applications and devices across your entire environment, including AWS, on-premises data centers and any other public/private cloud environments.

Splunk Cloud meets the highest levels of security and reliability, having completed SOC2 Type 2 attestation and ISO 27001 certification.

Splunk Cloud is available in over 10 AWS Regions globally, including AWS GovCloud (US).

Splunk Insights for AWS Cloud Monitoring

Splunk Insights for AWS Cloud Monitoring provides teams end-to-end visibility into their AWS infrastructure from the critical point of workload migration to long after their deployment on AWS. The AMI can be deployed via AWS Marketplace and correlate hybrid environments to remove the blind spots from your cloud journey.

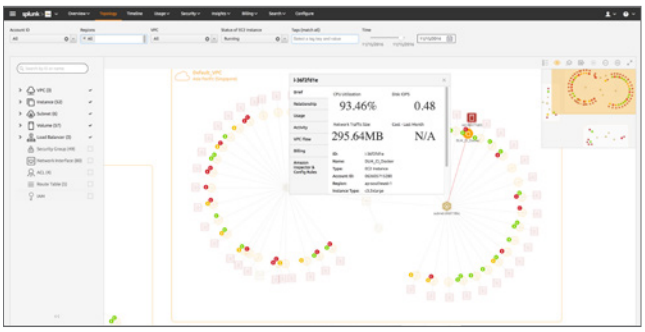

Figure 2: Splunk App for AWS Topology Dashboard

Deploy Splunk Enterprise on AWS

If you prefer to deploy and manage software rather than a cloud service, Splunk Enterprise is perfect for deploying on AWS. It's self-contained and can be easily deployed on any Amazon Elastic Compute Cloud (EC2) instance. Splunk Enterprise also scales horizontally, making it ideal for an AWS deployment.

Leading joint Splunk-AWS customers deploy Splunk Enterprise on AWS

Accelerate Deployment With Splunk Amazon Machine Images (AMIs)

Splunk offers AMIs to enable you to rapidly deploy standardized, preconfigured instances in Amazon EC2. Using a Splunk AMI, you can gain access to Splunk solutions with just a few clicks.

AMIs are available on the AWS Marketplace for Splunk Enterprise and Splunk Insights for AWS Cloud Monitoring.

"Customers love having the agility of AWS with the end-to-end visibility of Splunk."

Andy Jassy,
CEO, AWS

"Joint customers can instrument their usage of the cloud and easily see what's being created when and how quickly."

Doug Merritt,
CEO, Splunk

Watch Doug Merritt and Andy Jassy discuss how Splunk and AWS work together to drive customer success in the cloud.

Leverage Splunk Technology Integrations for AWS

Collect and monitor data from various AWS sources in real time.

AWS Lambda Integration

Splunk provides a built-in AWS Lambda Node.js blueprint for HTTP Event Collector that makes it easy to start sending events from AWS Lambda to HTTP Event Collector running on Splunk Cloud or Splunk Enterprise.

Amazon Kinesis Firehose Integration

Easily stream and transform data from Amazon Kinesis Firehose to Splunk Enterprise or Splunk Cloud. Use Splunk to capture, analyze and gain real-time insights into your AWS Services. Splunk provides knowledge management to data ingested from Amazon Kinesis Firehose to use with Splunk solutions and apps such as the Splunk App for AWS and Splunk Enterprise Security.

AWS IoT Integration

Quickly ingest, search, visualize and perform advanced analytics on massive real-time and historical data provided by the AWS IoT Service.

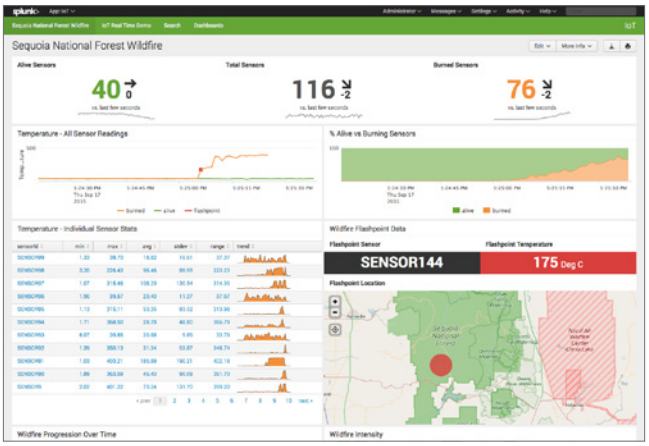

Figure 3: Splunk integration with AWS IoT

Amazon EC2 Container Service Integration

Customers running containers in ECS receive all the benefits of the Splunk docker logging driver, including better data classification and searching, support for flexible RBAC, and easy and scalable data collection.

Amazon EMR Integration

Easily build a Splunk Analytics for Hadoop environment running on Amazon EMR.

Unparalleled AWS Credentials and Integrations

- AWS Advanced Technology partner
- AWS Security competency
- AWS Big Data competency
- AWS Education Competency
- AWS Government competency
- AWS IoT competency
- AWS MSP Technology provider
- AWS Marketplace partner
- AWS IoT launch partner
- AWS Security by Design Program partner
- AWS SaaS Program partner
- AWS GovCloud (US) Skill partner

Global Customer Success

Adobe: Ensuring security and compliance across a globally distributed, large-scale AWS deployment

Autodesk: Saving hundreds of thousands of dollars in capital costs, time and labor expenses

Coca-Cola: Powering a digital transformation in marketing

EnerNOC: Gaining visibility into its AWS environment and turning data into real-time security insights

FamilySearch: Gaining critical visibility to move to continuous delivery with 900 deploys per day

FINRA: Saving over 50% on select AWS workloads with real-time cost management

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About AWS: For 10 years, Amazon Web Services has been the world's most comprehensive and broadly adopted cloud platform. AWS offers over 70 fully featured services for compute, storage, databases, analytics, mobile, Internet of Things (IoT) and enterprise applications from 33 Availability Zones (AZs) across 12 geographic regions in the U.S., Australia, Brazil, China, Germany, Ireland, Japan, Korea, and Singapore. AWS services are trusted by more than a million active customers around the world – including the fastest growing startups, largest enterprises, and leading government agencies – to power their infrastructure, make them more agile, and lower costs. To learn more about AWS, visit http://aws.amazon.com.

About Splunk: Splunk Inc. (NASDAQ: SPLK) turns machine data into answers. Organizations use market-leading Splunk solutions with machine learning to solve their toughest IT, Internet of Things and security challenges. Join millions of passionate users and discover your "aha" moment with Splunk today: http://www.splunk.com.

Splunk App for AWS.
Get started with the Splunk App for AWS to gain operational visibility and security into your AWS environment.

Splunk Cloud.
Get started now with Splunk Cloud through the free Splunk Cloud Trial. Or simplify your procurement process and subscribe to Splunk Cloud via the AWS Marketplace.

Splunk Enterprise.
Download Splunk Enterprise for free or find the Splunk Enterprise AMI in AWS Marketplace.

Splunk Insights for AWS Cloud Monitoring.
Smaller IT environments, get started today with the AMI in AWS Marketplace.

Leverage Splunk Technology Integrations for AWS.
Utilize AWS Lambda, Amazon Kinesis Firehose, AWS IoT, Amazon EC2 Container Service and Amazon EMR integrations.

aws | splunk>

Learn more: www.splunk.com/asksales

www.splunk.com

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