

Overview

Central Hub for Security Alerts. One place to manage and aggregate the findings and alerts from the AWS security services

AWS Security Hub gives you a **comprehensive view of your security alerts and security posture** across your AWS accounts.

Security posture refers to an organization's overall cybersecurity strength and how well it can predict, prevent and respond to ever-changing cyberthreats.

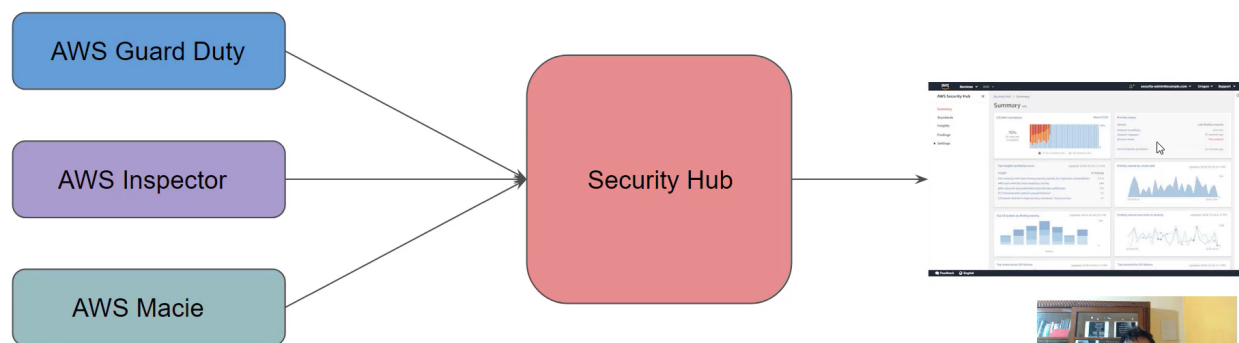
It provides two Automated Checks

1. PCS-DSS (payment Card Industry)
2. CIS (Center for Internet Security)

With Security Hub, you now have a single place that aggregates, organizes, and prioritizes your security alerts, or findings, from multiple AWS services, such as:

1. Amazon GuardDuty,
2. Amazon Inspector,
3. Amazon Macie,
4. AWS Identity and Access Management (IAM) Access Analyzer
5. AWS Firewall Manager - this is used to centrally manage aws firewall
6. 3rd party

AWS Security Hub gives you a comprehensive view of your high-priority security alerts and compliance status across AWS accounts.






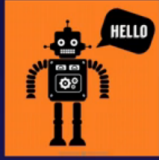
AWS Security Hub continuously monitors your environment using automated security checks based on the AWS best practices and industry standards that your organization follows.

You can also take action on these security findings by investigating them in Amazon Detective or by using Amazon CloudWatch Event rules to send the findings to ticketing, chat, Security Information and Event Management (SIEM), Security Orchestration Automation and Response (SOAR), and incident management tools or to custom remediation playbooks

It's a **REGIONAL SERVICE**

How to enable AWS Security Hub

You need to enable **AWS Config before enabling the AWS SEcurity Hub**. That's a mandatory step.

	Centralized Security Alerts One place to manage and aggregate the findings and alerts from key AWS security services.		Integration Loads of AWS Services: Key AWS Security Services: GuardDuty, Macie, Inspector. Use Lambda for automated actions.
	Ongoing Security Audit Automated ongoing security audit for your AWS accounts.		Automated Checks Built-in checks for: PCI-DSS. CIS.