Category:

Security, Identity, and Compliance
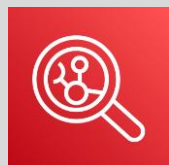
Amazon Inspector

What?
- Amazon Inspector is an automated vulnerability management service that scans Amazon EC2 instances and container images residing in Amazon Elastic Container Registry (Amazon ECR) for software vulnerabilities and unintended network exposure.
- It provides a highly contextualized and meaningful risk score for each finding to help you set more accurate response priorities.

Why?
- It removes the operational overhead associated with deploying and configuring a vulnerability management solution.
- Amazon Inspector includes a knowledge base of hundreds of rules mapped to common security standards and vulnerability definitions that are regularly updated by AWS security researchers.

When?
- You want to reduce mean time to remediate (MTTR) vulnerabilities and streamline workflow with Amazon EventBridge and AWS Security Hub integrations.
- You need an aggregated dashboard offering a high-level view of findings from across your environment.

Where?
- Amazon Inspector is a regional service.
- Amazon Inspector can be enabled for your entire organization with a single click. Additionally, you can automate enabling the service for future members whenever they join your organization.

Who?
- Amazon Inspector uses the widely deployed AWS Systems Manager (SSM) Agent to collect the software inventory and configurations from your Amazon EC2 instances.
- Amazon Inspector automatically discovers and begins scanning your eligible resources.

How?
- When a software vulnerability or network issue is discovered, Amazon Inspector creates a finding. A finding describes the vulnerability, identifies the affected resource, rates the severity of the vulnerability, and provides remediation guidance.
- You can analyse the finding in the Amazon Inspector console, or view and process your findings through other AWS services.

How much?
- Monthly costs are determined by a combination of two dimensions: Amazon EC2 instances being scanned, and the total number of container images initially scanned when pushed to Amazon Elastic Container Registry (ECR) and rescanned during a month.