

HCLTech | Supercharging
Progress™

Vulnerability Management

Leverage next generation cloud security
across the AWS cloud ecosystem





Overview

Enterprises are rapidly accelerating the pace at which they're moving workloads to Amazon Web Services (AWS) for greater cost, scale, and speed advantages. As an established market leader among enterprise public cloud providers, AWS is the platform of choice for organizations seeking to leverage cutting edge technologies that can help them grow and innovate their business. This is where Vulnerability Scanning solution for AWS ecosystem becomes essential to create a resilient cloud security posture.

Challenges

Some of the Key challenges Enterprises face are:



Lack of visibility on existing and critical vulnerabilities with expanding and boundless perimeter



Risk with Zero Day vulnerabilities



Increasing Compliance standards and requirements

To ensure a secure and seamless experience for its users, AWS has adopted a Shared Responsibility Model. As a part of this approach, AWS assures its customers a secure cloud environment, but the responsibility for securing the hosts on AWS services, such as operating systems, platforms, and data, falls on the customers themselves. This is where HCLTech Technologies steps in to help end users achieve dynamic and resilient vulnerability management for their enterprise.

HCLTech Solution

HCLTech is a proven and certified AWS Partner that can help enterprises achieve the necessary vulnerability management solution for their enterprises AWS ecosystem. As threats against global enterprises continue to become more complex and targeted, it is imperative that enterprises deploy robust Vulnerability Management solution to ensure a continual and proactive assessment of enterprise security. HCLTech provides customers with a comprehensive service for their vulnerability management challenges.

HCLTech offers an all-encompassing Vulnerability Management for Enterprise Security solution, "VERITY", that enables your organization to not only detect threats but also manage and reduce the associated risks effectively. This service at its core provides end-to-end vulnerability lifecycle coverage along with constant threat and risk-based prioritization.

Resource Metadata Management

HCLTech also allows enterprises enhance their vulnerability scan outcomes by leveraging the collection and display of AWS metadata from Amazon EC2 instances. The overview of this solution includes:

1. Inventorying assets based on AWS metadata that includes Amazon EC2 tags, Amazon EC2 instance ID, Amazon EC2 AMI ID, Amazon EC2 public and private IP address, Amazon EC2 public and private DNS address, VPC ID, Subnet ID, region, AWS account ID.
2. Vulnerability report generation for EC2 assets with visualized and data-driven information that enables remediation and vulnerability fixes
3. Customized widget creation for high level systems view that can easily be integrated to the dashboard with insights-based visualizations for rapid decision making.

Detection of new Amazon EC2 instances and Amazon VPC

HCLTech empowers organizations to automatically detect when new Amazon EC2 instances or Amazon Virtual Private Clouds (Amazon VPCs) are created within their AWS environment. The solution can also programmatically generate updates whenever any new Amazon EC2 instance or Amazon VPC are detected. This ensures that customers no longer have to manual configure their AWS vulnerability scanning solution for their future use and scan.

Value Delivered

- Identifies and prioritizes your top risks
- Assesses the impacts different treatments have on vulnerability associated risks
- Improves audit, controls, regulatory and privacy communication, and responses
- Reduces your total cost of ownership and unexpected overheads



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