

Vulnerability Management Services

CGI's Vulnerability Management (VM) services reduce the risks to an organization by simplifying vulnerability management activities, and enabling processes for compliance to government and industry/regulatory security standards. This is done through two VM services: Continuous Vulnerability Assessment (CVA), and Security Advisory Alerts (SAA).

The CVA service closely mirrors the functions of a traditional Vulnerability Assessment (VA). It identifies assets and vulnerabilities associated with the services operating on the assets, and it provides recommendations for improvement. It does this by applying a demonstrable, repeatable VA process on a pre-determined periodic basis. Some of the tasks performed are;

- Discovering assets and enumerating services
- Identifying known vulnerabilities and prioritizing remedial activities
- Analyzing trends and compiling compliance metrics

The SAA service provides researched security intelligence information covering many products and current events that are of interest to an organization. CGI's partnership with security research vendors provides:

- Delivery of timely, accurate, and continuous updates of threats and vulnerabilities
- Monitoring of vulnerability advisories covering over 1700 vendors and over 5500 products
- Alerts covering malicious code and their activities as reported across the globe
- Intelligence bulletins covering security related topics in the current media
- Access to historical information covering over 10,000 advisories

The data collected by the scanning activity is centrally processed to produce reports for the client (typically for the ISSO, or Information Systems Security Officer, change management, and system administrators). These reports will also serve as the documented evidence clients may provide to compliance auditors. The reports will contain details such as:

- Asset information including IP, hostname, operating system
- Vulnerability information including impacts, severity
- Remediation information including best practices, patches, priority
- Trend analysis

Benefits

CGI's experience assists agencies in streamlining and defining an SAA and CVA workflow with actionable items. Through the CGI Vulnerability Management Solution the agencies will:

- Determine where it should concentrate patching efforts by continuously mapping discovered vulnerabilities to asset sensitivities
- Realize a progressive trend against the threat environment of cyberspace Reduce proliferation of confidential data
- Realize a net-positive risk reduction to government
- Realize evidentiary value to compliance determination
- Free your systems administrators from having to subscribe to many disparate vendor and security mailing lists, as well as monitoring websites and bulletin boards