Vulnerability Scan Service

Product Overview

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1 Vulnerability Scan Service

Vulnerability Scan Service (VSS) is designed to protect your servers and websites by scanning vulnerabilities. It provides services such as web vulnerability detection, vulnerability lifecycle management, and scan customization. After you create a scan job, you can manually start it to detect vulnerabilities in the website and obtain recommended actions.

How VSS Works

VSS can scan websites.

Disguised as a normal user, VSS uses web crawlers to crawl websites' URLs to discover potential security threats to your website. With a rich set of built-in scan rules, VSS provides dynamic scan rate adjustment to prevent downtime.

2 Functions

By scanning websites, VSS can detect any potential vulnerabilities and provide vulnerability details as well as fixing suggestions.

VSS provides the following functions:

- Pre-scan

  New users can use VSS to perform the following functions for free:
  - One-click scan
  - Detection of the latest critical vulnerabilities
- Vulnerability detection
  - VSS can detect over 22 types of vulnerabilities, including OWASP Top 10 vulnerabilities and WASC vulnerabilities.
  - Scan rules can be automatically updated on the cloud and take effect across the entire network against the latest vulnerabilities.
  - VSS supports HTTPS scanning.
- One-stop vulnerability management
  - VSS supports short message notification (SMN) upon job completion (professional edition only).
  - VSS provides vulnerability fixing suggestions (professional edition only).
  - VSS allows you to download .html scan reports and view vulnerability details in offline mode (professional edition only).
  - VSS supports re-scanning.
- Customized scanning
  - VSS supports the scheduled job scan function.
  - VSS supports port scan.
  - VSS supports weak password detection (professional edition only).
  - VSS allows customization of login methods.
  - VSS supports scanning of Web 2.0 crawlers.

3 Application Scenarios

Perfectly designed used to detect potential vulnerabilities in your websites, VSS is a groundbreaking new technology from Huawei that thoroughly scans your websites and hosts for even the smallest of data vulnerabilities. For detected vulnerabilities, it provides suggestions to remove these issues, helping ensure website security.

The application scenarios of VSS are as follows:

- Formal environment scanning

  By optimizing the scanning mechanism, VSS avoids risky operations (such as mis-deletion of data or writing of dirty data) while discovering security vulnerabilities. This optimization helps enhance the security of users' formal environments during a vulnerability scan.

- Test environment scanning

  VSS accesses test environments by domain names (bound to IP addresses) or IP addresses. This allows you to provide IP addresses for scanning if you have no domain names.