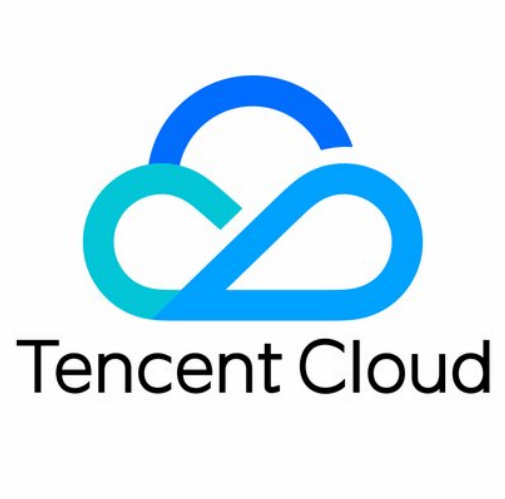
Cloud Web Scanner

Product Introduction

Product Documentation



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Overview

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Web Security Status Quo

With the rapid development of Internet technology, key business activities of many government agencies, institutions and enterprises are increasingly dependent on web applications. While providing end users with web-based information management systems, these organizations are often faced with ever-increasing risks, mainly in the following two aspects:

- With the widespread use of web applications, they bring about more and more security vulnerabilities;
- With the development of Internet technology, hacking activities have become more rampant, and more and more hacking tools have been created for attacking.
  75% of information security attacks on the Internet come from web applications, two-thirds of which have various vulnerabilities, but the security investment in web applications accounts for only 10% of the total information security investment, which means there are urgent needs to enhance web security protection.

Overview

Tencent Cloud Cloud Web Scanner (CWS) is a security service that provides you with 24/7 accurate and comprehensive website vulnerability monitoring and professional repair advice to prevent the exploitation of vulnerabilities by hackers that impact website security.

Deployment Mode

CWS is a pure SaaS service. No hardware/software installation or changes to existing network deployment are required. The powerful concurrent scanning capability of CWS enables simultaneous scan of thousands of websites, greatly reducing security OPS costs.

Benefits

As an enterprise-grade security monitoring system, CWS can bring you the following benefits:

- It helps you fully understand the network security risk status of your business and ensure business security;
- It helps you deal with new hacking techniques and types of vulnerabilities;
- It complements your self-built or purchased security products to fully guarantee network security;
- It can reduce the cost of security OPS;
- It can provide professional security consultancy and technical cooperation services for your business.

Application Scenarios

Based on its powerful security detection capabilities, CWS can improve the security of network and data for many industries and organizations, including but not limited to:

- IT companies and large enterprises;
- Finance and telecommunications industries;
- Security companies and regulatory agencies.

Benefits

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Benefits

CWS is a powerful enterprise-grade security monitoring system by Tencent Cloud with the following benefits:

Comprehensive and Accurate Vulnerability Detection

- CWS can perfectly scan websites that require login to access, solving the problem that only homepages can be scanned on such websites and ensuring the accuracy and comprehensiveness of the scanning service;
- It covers a wide variety of vulnerability types, including vulnerabilities of OWASP and CVE and related to websites, networks, systems and basic network infrastructure such as routers;
- It detects and tracks vulnerabilities 24/7, helping you stay up to date on global security risks and cope with various new types of vulnerabilities and hacking techniques.

Complete Functionality

- CWS features a Web 2.0 intelligent interaction engine, which analyzes the information on each web page in a real-world browser sandbox, easily responding to Ajax, interactive links and various forms to obtain the information of all data sources and links on the web application system;
- It supports web application system detection based on HTTPS protocol;
- It supports dynamic pages such as ASP, PHP, JSP and CGI;
- It supports HTTP proxy authentication mode;
- It supports common database types such as Oracle, MySQL, SQL Server, Sybase and DB2.

Minimum Impact on Business

- CWS features accurate scanning intensity control by sending only three socket requests per second, eliminating your concerns over the risk of downtime;
- Scan tasks can be paused at any time;

- Scan tasks support speed adjustment, enabling you to select the most appropriate scan speed and minimizing the impact on your business.

Stimulating Hacking and Penetrating Scenarios

- CWS has vulnerability exploiting and penetration testing modules that help you deeply understand how vulnerabilities work and visually display the damage of vulnerabilities;
- It features powerful firewall bypassing and high-intensity vulnerability detection capabilities.

Features

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Features

Vulnerability Scan

Featuring powerful vulnerability scan and a large database of vulnerabilities, Tencent Cloud Cloud Web Scanner (CWS) can scan a wide variety of vulnerabilities as follows:

Multiple vulnerability scans

General vulnerability scan

- Web vulnerability scan;
- System and network vulnerability scan;
- Basic network infrastructure vulnerability scan;
- Passive vulnerability detection;
- Vulnerability library for finance and telecommunications industries.

Special vulnerability scans

- Known special vulnerabilities and 0day exploiting tools;
- Firewall-bypassing detection policies;
- High-intensity in-depth scan.

Multiple scanning methods

- Standard scan: 30 to 60 minutes;
- Deep scan: 1 to 2 hours.

Concurrent detection

- It supports simultaneous detection of multiple websites for improved detection efficiency;
- It support periodic detection for building a security risk assessment system.

Scan Analysis Report

- A detailed scan report will be provided after the scan, including overview, vulnerability statistics and vulnerability details
- It can be exported to PDF.
- It helps you quickly locate security issues and keeps your business secure.

Security Contingency Response Services

CWS has a team of professional security experts who can provide you with the following services::

- Security contingency responses, penetration testing and attack backtracking;
- Security technology upgrade;
- 8/5 online vulnerability analysis;
- Security consultancy;
- Security training.

Closed-loop Repair Management

- CWS provides accurate and comprehensive vulnerability detection and professional repair advice to help you effectively verify and eliminate asset vulnerabilities;
- Vulnerability repairs are tracked to enable a closed-loop management of vulnerabilities across the entire lifecycle.

Installation-free Service

CWS provides SaaS-like scanning services, where a scan can be enabled in one click after a website is added and verified in the CWS console, with no deployment or software/hardware installation required. It features powerful concurrent scanning capabilities and has no limit on the number of scans that can be run, significantly reducing security OPS costs.