Cigital Application Security Testing managed services mitigates security risks at scale across an application portfolio through actionable vulnerability insight, penetration testing, and expert remediation

At a glance

Application Security Testing managed services provided by Cigital, Inc., an IBM Business Partner, delivers:

- A flexible application security testing as a service model to map changing application portfolio.
- Testing coverage at scale that has a broad reach across an application portfolio and deep reach within an application.
- Cost effectiveness.
- Consistent high quality.
- Low false-positive rate and expert remediation guidance.
- Scheduling assessments that align with your development cycle.
- Industry-leading expertise ready when you need it.
- Concise, prioritized vulnerability reporting.
- Consistent expert remediation advice.

Overview

Cigital managed services offerings

Cigital 3D Unlimited Application Security Testing

This offering is delivered as a simple, annual subscription that streamlines procurement and creates a consistent, predictable expense for application testing. The unlimited number of scans enables the organization to test across the breadth of the application portfolio, eliminating testing gaps that leave vulnerable entry points. It delivers unparalleled flexibility across three dimensions: the number of tests, the depth of tests, and the number of applications tested. Changing the testing depth or adding a new application does not require a new subscription.

Depending on your risk profile, Cigital offers the following approaches to the level of testing depth:

- **Dynamic Security Scanning (DSS):** Cigital uses best-in-breed dynamic analyzer security testing (DAST) scanning tools to identify common vulnerabilities, particularly for internally facing, low-risk applications that must
comply with regulatory security assessments. After the dynamic scan, the Cigital team reviews all findings to remove false positives.

- **Automated Ethical Hack (AEH):** It takes more than a tool-based scan to uncover less common, high-impact vulnerabilities. AEH combines dynamic analysis with light, manual business logic testing to mirror the actions of a hacker. It provides consistent security coverage for medium-risk applications as well as critical applications undergoing minor changes.

- **Manual Ethical Hack (MEH I and II):** Cigital starts with a threat modeling exercise to identify high-risk vulnerabilities that hackers could exploit. They then conduct a deep, automated scan as well as thorough business logic testing, targeted for critical applications, especially those undergoing major changes.

All of these testing approaches are available as part of the Cigital's 3D service. One subscription allows one test at a time.

**10 tests of a web application**

The Cigital Application Testing managed services are offered on a per test basis (a bundle of 10 tests) for each of the test types mentioned above. The per test offering can be used to augment an existing application security program when application security testing needs to meet specific business deliverables and ad hoc parallel testing is needed. Tests must be prepurchased and used within one year of purchase.

Additionally, organizations are able to purchase Cigital help desk tickets. These tickets let them submit (through a web-based form) security-related questions toward the remediation of vulnerabilities found as part of the testing process. Each ticket is comprised of a single inquiry directed at Cigital security consultants.

**150 help desk tickets**

Additionally, organizations are able to purchase Cigital help desk tickets (bundle of 150 incidents). These tickets let them submit (through a web-based form) security-related questions toward the remediation of vulnerabilities found as part of the testing process. Each ticket is comprised of a single inquiry (incident) directed at Cigital security consultants. Tickets must be prepurchased and used within one year of purchase.

**Key prerequisites**

Refer to the [Software requirements section](#).

**Planned availability date**

April 21, 2015

**Description**

Application Security Testing is a core component of the IBM Security framework and is vital to building an in-depth strategy. In its simplest form, Application Security Testing involves identifying the application at risk, testing the application through a variety of techniques such as manual penetration testing, dynamic application security testing, and static application security testing, prioritizing the findings, and providing remediation advice to the developer. To do this effectively, you need some of the most sophisticated application security testing tools on the market, such as IBM Security AppScan®, as well as qualified professionals to conduct scans and consolidate findings. Application Security Testing provides a simple, on-demand solution that is easy to use.
With the help of Application Security Testing managed services from IBM and IBM Business Partner, Cigital, you can quickly pinpoint the critical application vulnerabilities in your web applications and focus development resources on remediating the problems instead of learning new tools and acquiring the skills to run them. These services run the right testing techniques, prioritize the findings, and deliver a concise report of your application vulnerabilities.

**Product positioning**

Application security standards typically do not scale to an organization’s needs. The best approach is to inventory your applications, determine the business risk with each application if hacked, and apply the right level of application security testing to reduce that business risk. Application Security Testing managed services can provide the tooling and expertise to reduce those risks without impacting the business. Application Security Testing managed services can help start a new application security program or augment an existing program during peak development cycles. Do not let the size of your organization’s application security team slow down your business.

**Program number**

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**Offering Information**

Product information is available via the Offering Information website


Also, visit the Passport Advantage® website


**Publications**

Not applicable for SaaS.

**Services**

**Global Technology Services**

Contact your IBM representative for the list of selected services available in your country, either as standard or customized offerings for the efficient installation, implementation, or integration of this product.
Technical information

Specified operating environment

Software requirements
Prerequisites

Browser support: Google Chrome v30, or later, Mozilla Firefox v24, or later, and Microsoft™ Internet Explorer 10, or later

Scanning: Client must allow Cigital source IPs to access the client’s application that is to be tested through publicly accessible (routable) IP addresses. Cigital will provide guidance on how to create a reverse proxy for the client’s application using Apache, Nginx, or similar technologies.

The program’s specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a readme file, or other information published by IBM, such as an announcement letter. Documentation and other program content may be supplied only in the English language.

Planning information

Packaging
Delivered by the vendor.

Ordering information

For ordering information, consult your IBM representative or authorized IBM Business Partner, or visit

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Product group: IBM Security

Product: Cigital Application Security Testing Managed Services (5725-V40)

Product category: Vendor Services

Passport Advantage

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**Subscription (Cigital)**

A subscription is defined as an agreement to provide a defined service that is available to the client for a period of time (generally a one-year period), where the ability to renew that service beyond the initial period is available. In exchange for the defined service the client agrees to pay an up front fee.

**Test of a web application (Cigital)**

A test of a web application is defined as the process to reveal flaws and vulnerabilities of web applications through the combination of automated tools and manual processes. The number and type of vulnerabilities found is based on the depth of test performed. Each test will result in a report of vulnerabilities found and recommended remediation.

**150 incidents (Cigital)**

An incident is defined as a customer request for assistance in solving a problem associated with a single issue or vulnerability.

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**Volume orders**

Not applicable

**Educational allowance**

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Statement of good security practices

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