

## Security Audit - Government

### Introduction

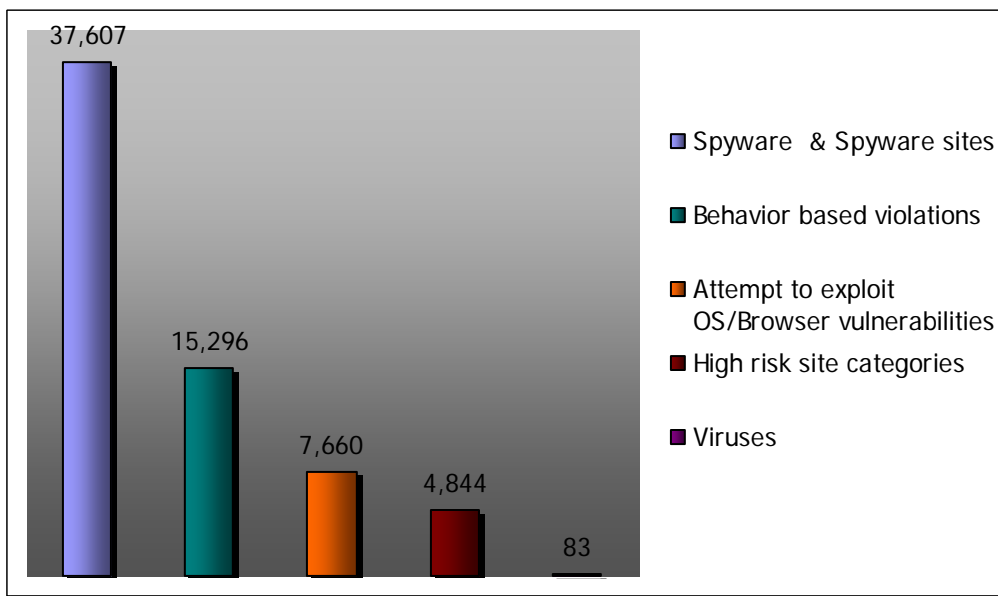
This analysis is based on a security audit that was performed during the last quarter of 2005 for a Government organization. Live internet access information was gathered during a period of one week and was based on the surfing activities of 25,000 users.

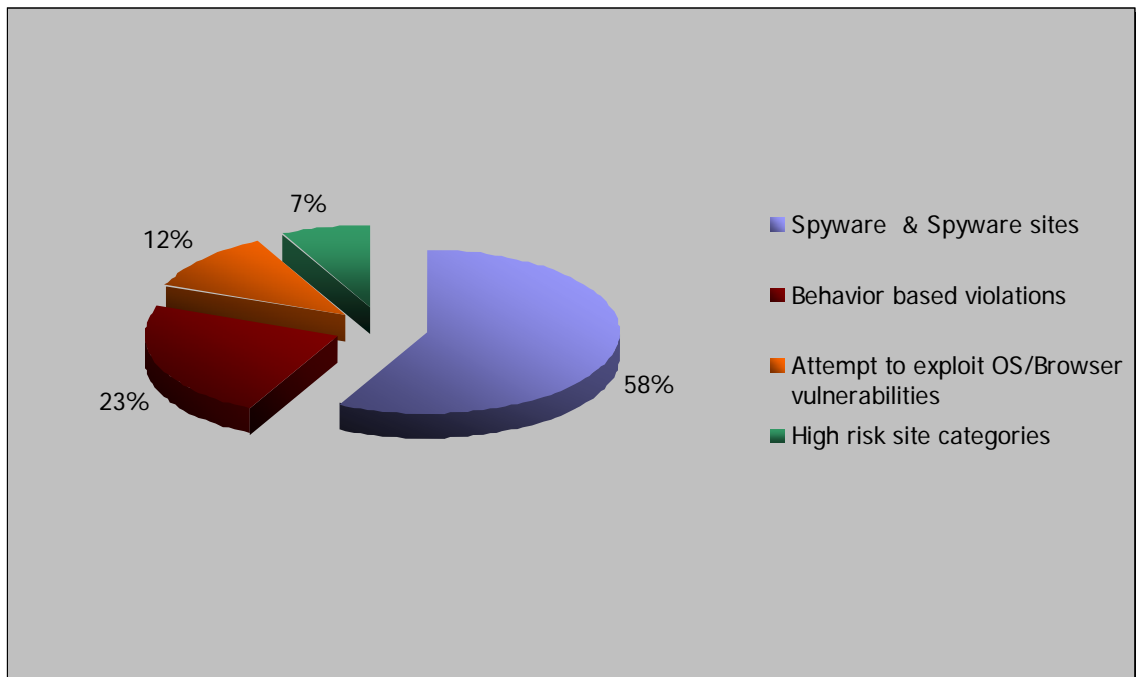
Finjan's Vital Security™ web security solution was installed using Finjan's recommended security policy (default policy). All content downloaded during this period was scanned by Finjan's Vital Security™ web appliance.

The log files were then analyzed by experts from Finjan's Malicious Code Research Center (MCRC). The main findings are presented below.

### Main Findings

The following charts and tables display the count of each content type that violated the security policy (out of a total of 171,000 Instances of code breaking of the selected security policy).





### Security Violation Breakdown

The following table provides quantitative information regarding the nature of the security violation:

Quantity	Nature of Violation
171,000	Instances of code breaking of the selected security policy
37,323	Access to Spyware sites
9,670	Behavior based violations – Scripts
7,660	Attempt to exploit OS/Browser vulnerabilities
5,626	Behavior-based violations – Active Binary code
4,844	High risk site categories (URL Filtering: Adults, Hacking, Remote proxies, Violence, etc.)
284	Spyware
83	Known viruses

### Conclusions

Traditional signature-based Anti-Virus products, heuristic-based Anti-Virus products or URL Filtering products are incapable of preventing complex malicious code attacks which may use multiple propagation techniques.

Since Active Content is being used by legitimate business applications as well as Malware, behavior-based gateway security solutions, such as Vital Security™ web appliance, are required to analyze Active Content in order to determine its true behavior.

**Finjan’s Vital Security™ solutions provide superior protection against complex web-borne attacks, such as Spyware, Phishing/Pharming, Trojans and malicious code.**

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