

Security Audit - Pharmaceutical Corporation

Introduction

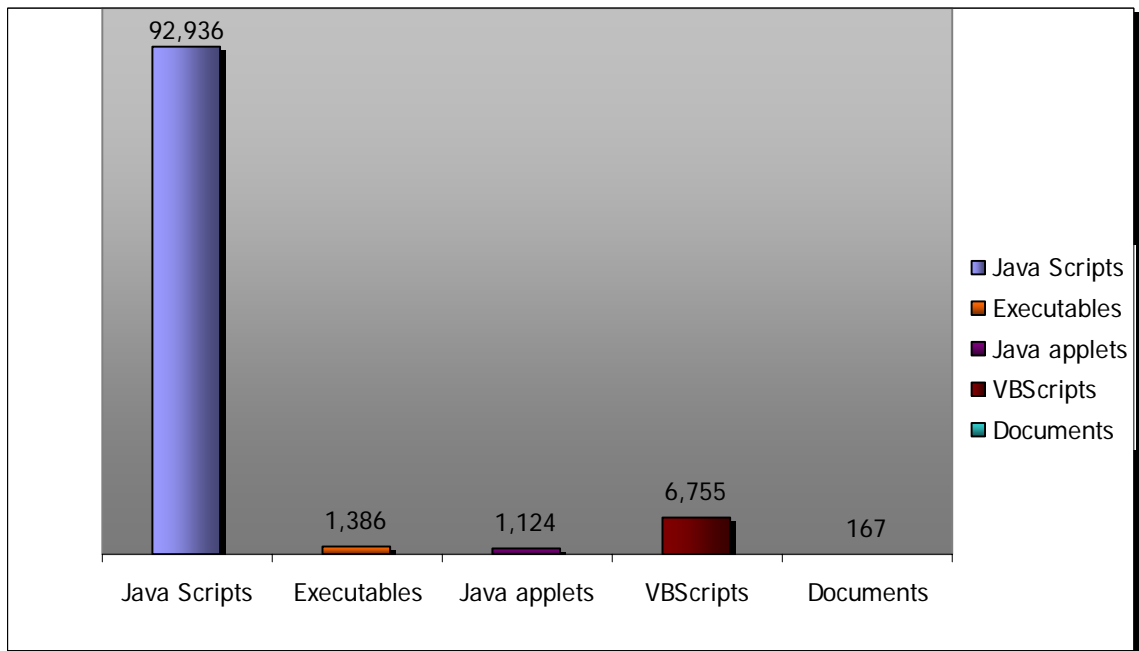
This analysis is based on a security audit that was performed during the last quarter of 2004 for a pharmaceutical corporation. Live internet access information was gathered during a period of two weeks and was based on the surfing activities of 3,000 users (5% of total employees).

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.

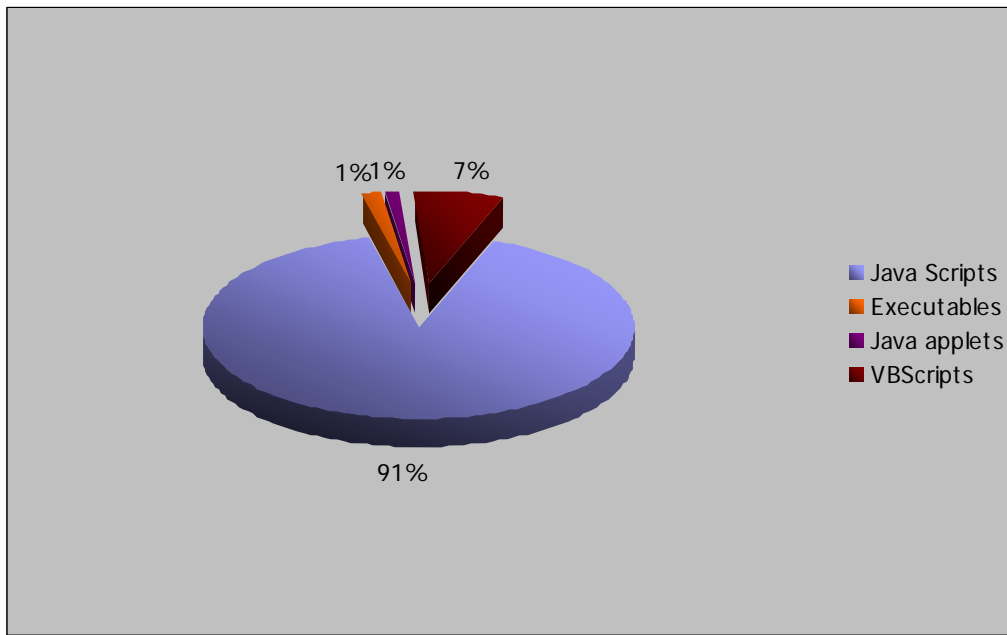
The log files were then analyzed by experts from Finjan's Malicious Code Research Center (MCRC). The main findings are presented below.

Main Findings

The following charts and tables display statistics showing the quantity of each content type that violated the security policy.



The following pie chart translates the above statistics into percentage terms. As can be seen, JavaScripts comprised 91% of the security violations.



Security Violation Breakdown

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

Quantity	Nature of Violation
9,331	Operating system violations of downloaded active content
1,553	Behavior-based policy violations on Scripts only
939	Network access violations
994	File access violations
6	Internet Diallers
4	Instances of Spyware
3	Remote assistant tool installations
2	Known viruses
2	Instances of known vulnerability exploits

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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