The 5 Stages of a Web Malware Attack

You don't even need to click to start a malicious **drive-by download:**

From website to infection in
0.5 seconds

Entry Point

1

You access a hijacked website. Malware downloads silently and you don't notice that you're being infected.

82% of malicious sites are hacked legitimate sites.

4,878 malware distribution agents per attack (on average)

The initial malware redirects to an exploit server using fast-flux techniques based on what you're working with (Windows/Mac, IE/ Safari, Java, etc.).

Distribution

2

Exploit

3

Commercially available and supported exploit packs will attempt to leverage vulnerabilities in the OS, browser, Java, PDF reader, media player and other plugins.

5,540 new vulnerabilities reported in 2013

Hackers can make
$50,000 a day

The malware downloads a malicious payload that will steal data or extort money from you.

Infection

4

Execution

5

Malware calls home with sensitive data like credentials, banking or credit card information, or tricks you into paying directly.

Total cost per data breach:
$ 5.4 million

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