

How Adversaries Use Dev Tools to Launch Attacks



1 Emulate Humans

Adversaries design bots to look and act like humans in order to avoid detection.



2 Attack Mechanism

Open-source testing tools including OpenBullet, SilverBullet, Puppeteer, Playwright, and Selenium are used to automate scripts.



3 Helpful Plugins

Adversaries add plugins to attacks to make them stealthier and auto-generate scripts without having to write code.



4 Attack Distribution

Attackers use residential proxy networks to hide amongst real users.



5 Automated Attack

A variety of attacks can be performed such as DDoS, carding, cracking, or credential stuffing.

6

Outcome

Criminals monetize attacks and/or extract valuable data before the business realizes it.