## **Mitigating OWASP Automated Threats**

## COMBAT CREDENTIAL STUFFING WITH WAF AND THREAT INTELLIGENCE

Account takeovers are a financial burden and reputation risk!

63%

of data breaches involve stolen or weak credentials<sup>1</sup>

\$**8**B

annual loss from account takeover by 2018<sup>2</sup>

95%

of breaches are financially motivated<sup>3</sup>

## CREDENTIAL STUFFING Attack Kill Chain

Data Breaches Publicized in 2016<sup>4</sup>

500<sup>M</sup> Usernames & Passwords

Stolen
Friend Finder

412<sup>M</sup>
Usernames 8
Passwords

ClixSense
6.6

Banking Data,
Usernames &
Passwords

Stolen

Darknet
S DARK NET FORUMS
S DARK NET FORUMS
S DARK NET FORUMS

Botnets Use
Stolen Credentials



Banking Fraud

\$ WITHDRAW

**\$** TRANSFER FUNDS

\$ PAY CREDIT CARD

Capabilities
Required to
Combat
Credential
Stuffing



Threat Intelligence: Bad Bots, CAPTCHA, Bad IPs, Anonymous Proxies, TOR networks



Web App Firewall: Application Profiles, Correlated Attack Validation, Velocity Checks

With millions of stolen credentials circulating on the dark net, a 1% success rate can mean tens of thousands of compromised accounts. Fight back.

**Learn More** 

Mitigating OWASP Top-20 Automated Threats

**IMPERVA**®

1. 2016 Verizon DBIR

Fraud Impact Report

2. Javelin Data Breach

3. 2016 Verizon DBIR

4. World's Largest Data Breaches

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