Akamai secures and delivers digital experiences for the world’s largest companies. The globally distributed Akamai Intelligent Edge Platform™ surrounds everything, from the enterprise to the cloud, giving us unique insight into the state of our digital world. We process trillions of Internet transactions each day, allowing us to gather and analyze massive amounts of data on metrics related to threats and attacks, broadband connectivity, and media delivery. To learn why the top financial institutions, online retail leaders, media and entertainment providers, and government organizations trust Akamai, please visit www.akamai.com, blogs.akamai.com, or @Akamai on Twitter.

8.3 BILLION
Malicious Login Attempts
May-June 2018

**BOTNET GOALS**
- Assume identity
- Gather information
- Steal money or goods

**LOW & SLOW STEALTH MODE**
Bots attack in rotation across many domains, hiding their activity

**AVALENCH MODE**
All bots attack simultaneously

**WORLDWIDE CREDENTIAL STUFFING**

Fortune 500 financial services firm
- 8.5 million login attempts in 6 days
- Most within 48 hours

Large US credit union
- 10x increase in malicious login attempts in 1 week
- 3 botnets

51%
Large US credit union

51%
Fortune 500 financial services firm

1.4 BILLION
Compromised Usernames & Passwords in 2018

**FINANCIAL SERVICES & RETAIL**
Most Vulnerable Industries

90% OF ALL ATTACKS
Top Target Country: US

Get the full report at www.akamai.com/SOTI

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(state of the internet) / security

SEPTEMBER 2018

CREDENTIAL STUFFING ATTACKS

APPROACHES