As the world's largest and most trusted cloud delivery platform, Akamai makes it easier for its customers to provide the best and most secure digital experiences on any device, anytime, anywhere. Akamai's massively distributed platform is unparalleled in scale with more than 200,000 servers across 130 countries, giving customers superior performance and threat protection. Akamai's portfolio of web and mobile performance, cloud security, enterprise access, and video delivery solutions are supported by exceptional customer service and 24/7 monitoring. 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. You can find our global contact information at www.akamai.com/locations. Published 06/18.

**Advanced DDoS Attacks**
A 12-year-old developer targeted an entire /24 subnet, coordinated the attack with other minors, and posted instructions on YouTube. A series of off-and-on DNS attacks were reacting to mitigation efforts, changing from volumetric DNS queries to TCP and PSH/ACK attacks.

**Operation Power Off**
A coordinated effort from law enforcement agencies in several European countries took down webstresser.org. The DDoS-for-hire organization was responsible for millions of attacks and had more than 136,000 users.

**Credential Abuse Hits Hospitality Hard**
Nearly 40% of traffic in the hotel and travel industry from November 2017 - April 2018 was from bots. Nearly half of credential abuse traffic from Russia, China and Indonesia was directed at hotels, cruise lines, airlines and rental cars.

**MEMCACHED REFLECTION ATTACKS**
New attack vector peaks at 1.35 Tbps - double the previous record. Largest amplification factor to date.

**TAKING A CLOSER LOOK**

<table>
<thead>
<tr>
<th>Attack Type</th>
<th>Volume of Attacks</th>
</tr>
</thead>
<tbody>
<tr>
<td>SQL injection</td>
<td>51%</td>
</tr>
<tr>
<td>Cross-Site Scripting (XSS)</td>
<td>34%</td>
</tr>
<tr>
<td>Cross-Site Request Forgery (CSRF)</td>
<td>8%</td>
</tr>
</tbody>
</table>

**ATTACK VOLUME CONTINUES TO GROW**

400 MILLION ATTACKS
NOVEMBER 2017 - APRIL 2018

**TOP WEB APPLICATION ATTACK VECTORS**

4-6 MILLION MEMCACHED REFLECTION ATTACKS

50 BILLION CREDENTIAL ABUSE ATTACKS TARGETED CRUISE LINES

Operation Power Off

A coordinated effort from law enforcement agencies in several European countries took down webstresser.org. The DDoS-for-hire organization was responsible for millions of attacks and had more than 136,000 users.

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