DDoS AND WEB **APPLICATIONS** ATTACKS

DECEMBER OCTOBER -2015

QUICK TAKEAWAYS

DDoS ATTACKS

149% increase in DDoS attacks Shorter in duration, higher in frequency

ACK

CHARGEN

- Repeat attacks the norm (Averages 24 attacks per targeted site)
- 5 mega attacks > 100 Gbps

UDP FRAGMENT

attack vectors)

(Byproduct of other

Other

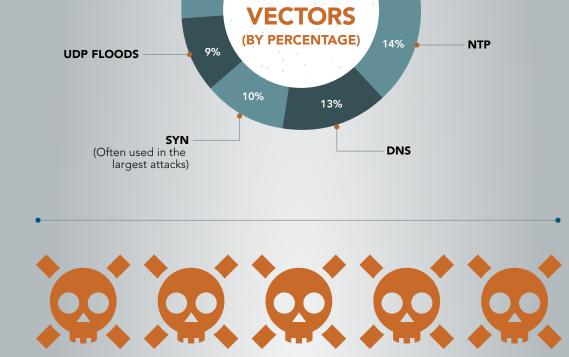
46% reflection attacks / 56% multi-vector attacks

TCP Anomaly 8% 21%

TOP DDoS

3%

9%





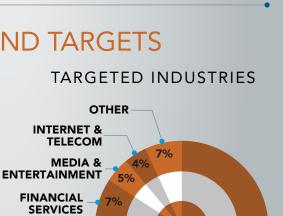
DDoS ATTACK

309 Gbps



14.95

HOURS



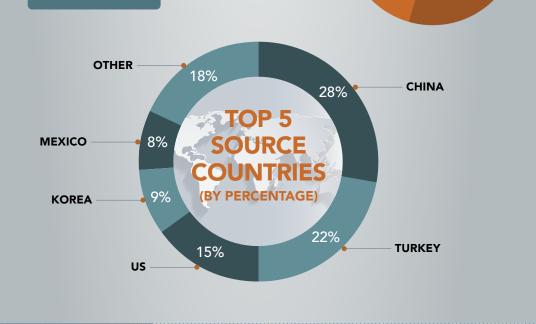
Mpps

DDoS ATTACK

GAMING

54%

202 Mpps



COMPARED TO Q4 2014

25%

layer DDoS

attacks

169%

layer

attacks

Application Infrastructure

22%

Average

peak

bandwidth

5%

SOFTWARE &

TECHNOLOGY

23%

49%

Average

attack

duration

44%

Total

attacks >

100 Gbps

38%

PHPi

TRENDS

149%

Total

DDoS

attacks

40%

47%

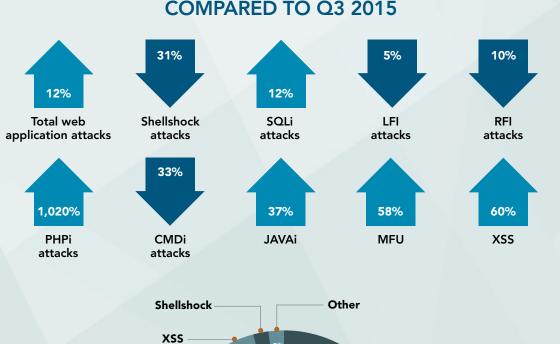
Average

peak volume

18%

ATTACKS APPLICATION

COMPARED TO Q3 2015



Web

41%

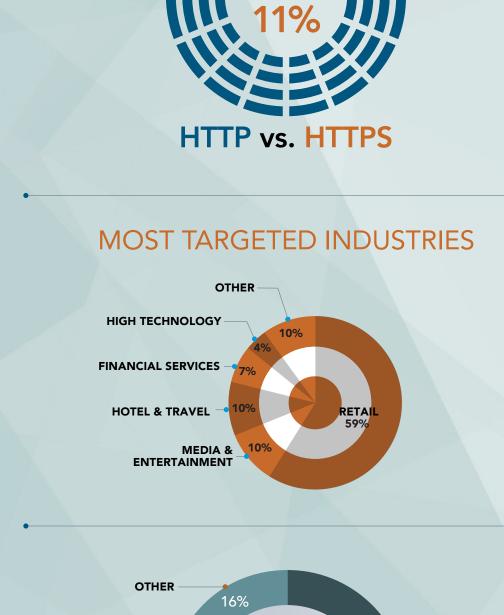
LFI

5%

28%

22%

SQLi





TOP 5

SOURCE

(BY PERCENTAGE)

56%

US

XOR Botnet

6%

7%

7%

FRANCE

RUSSIA

NETHERLANDS

SEO Attacks

NetBIOS, RPC Portmap **Electronic** The Torte Botnet and Sentinel Reflection **Medical Records DDoS Attacks**

Java Deserialization

Surviving the Switch

from SHA-1 to SHA-2

The Akamai Intelligent Platform™ consists of more than 200,000 servers in more than 116 countries around the globe and regularly transmits between 15 – 30% of all Internet traffic. This report draws its data from multiple solutions

on the platform in order to provide information about current attacks and traffic patterns around the globe.

> Statistics based on attack campaigns mitigated by Akamai. [state of the internet]

Access the complete Q4 2015 state of the internet / security report at

www.stateoftheinternet.com/security-reports

