

HOW DDOS ATTACKS

CRIPPLE YOUR BUSINESS

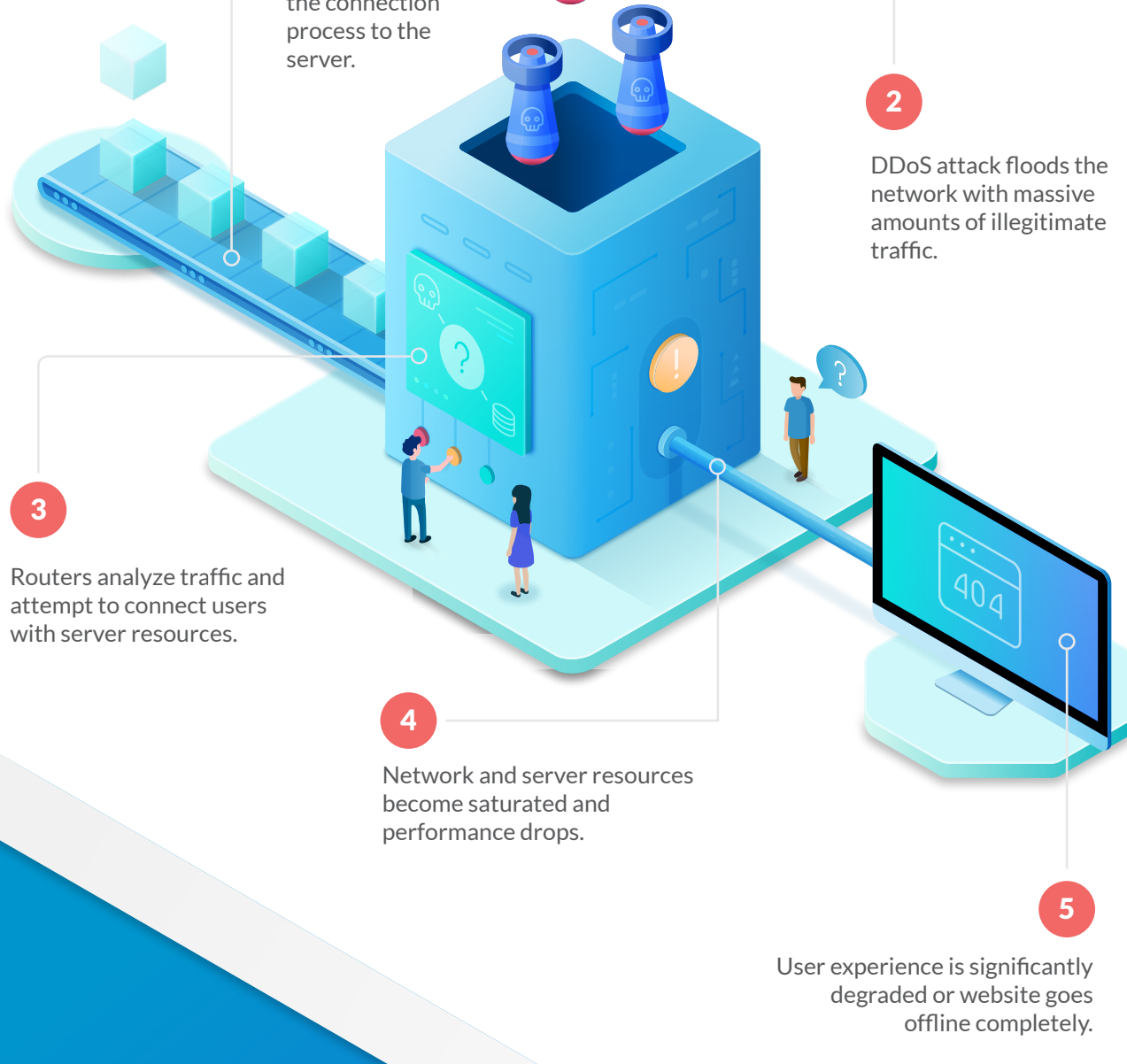
WHAT IS A DDOS ATTACK?

It's a malicious attempt by cybercriminals to prevent your legitimate visitors and customers from reaching your server.

THE DDOS ATTACK

DISRUPT & HALT YOUR BUSINESS OPERATIONS

What happens during a DDoS attack?



NEGATIVE CONSEQUENCES OF DDOS ATTACKS



\$2,500,000
per month

Average revenue lost

REVENUE LOSS FROM DISRUPTION & OUTAGES

A 2017 global survey showed that 849 companies averaged a revenue loss of \$2.5 million.

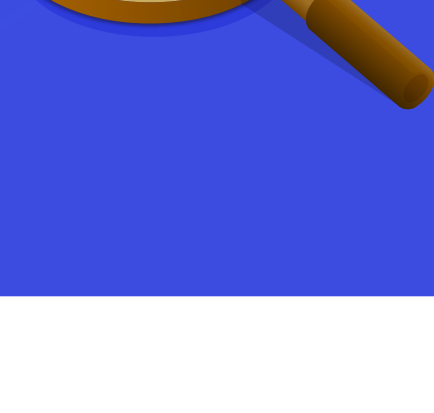
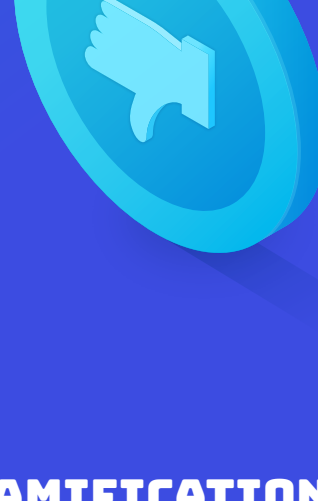
Revenue loss risk during DDoS Attacks:

- 63% of companies risk losing \$100,000 per hour
- 43% of companies risk losing \$250,000 per hour

REPUTATION CRISIS

78% of security professionals said loss of customer trust was the #1 consequence of DDoS attacks.

- Customer trust decreases
- Lowered customer confidence
- Potential to lose customers
- Intellectual property loss
- Brand damage
- Lost prospect opportunities



LEGAL RAMIFICATIONS

Companies can face suspension and penalties for compliance violations.

Industries are starting to step up with DDoS guidelines on compliance, such as the Financial Institutions Examination Council (FFIEC).

ENTERPRISE DDOS ATTACKS IN THE NEWS

Github Knocked offline. DDoS attack peaked at 1.3 Tbs.

Yahoo and Amazon faced \$1.2 billion in damages to recover from DDoS attacks.

Kaspersky Labs DDoS attack lasted 297 hours.

Sony spent \$170 million to recover from a DDoS attack.



70% of Enterprises are victimized by 50 DDoS attack attempts per month.

Average businesses are victimized by 8 DDoS attack attempt per day.

WHERE DOES DDOS DATA COME FROM?



Botnets

Compromised devices are grouped together to simultaneously flood a network with traffic.



Reflection

Sending a large number of requests to devices and spoofing the reply IP to flood an IP with responses.



Amplification

Publicly accessible DNS servers congest the network with response traffic.

COUNTRIES HIT HARDEST BY DDOS ATTACKS

The highest global DDoS attack distribution % in Q1 2018 went to:

U.S.A.
24%

China
48%

South Korea
10%

INDUSTRIES TARGETED MOST BY DDOS ATTACKS



1. Gaming



2. Internet/Telecom



3. Financial Services



4. Software/Technology



5. Education



6. Retail



7. Media/Entertainment

TOP FOUR BENEFITS OF DDOS PROTECTION



No lost revenue due to service outages.



Ensure maximum performance of your servers and websites.



No bandwidth overage charges due to unwanted traffic from attacks.



Protect brand reputation and customer confidence.



HOW DO YOU PROTECT YOUR WEBSITE FROM A DDOS ATTACK?

Ensure your hosting provider includes these features in their DDoS Protection:



Instant Filtering

DDoS attacks are detected and mitigated within 0 to 90 seconds.



Guaranteed Protection

Protection against all known DDoS attacks.



Downtime Denied

Legitimate traffic remains unaffected during attacks.

DON'T BECOME A VICTIM OF A DDOS ATTACK

visit www.servermania.com or contact sales@servermania.com

today for a free DDoS assessment or to learn more about ServerMania.