DDOS – Global threats and mitigation

Richard Meeus – Senior Enterprise Security Architect EMEA
A comprehensive set of solutions built on the Akamai Intelligent Platform, and designed to meet the online business needs of our customers.
Experience

27 years Collective experience in protecting against DDoS and Web attacks

15 to 30 percent of global Web traffic

22 Tbps record traffic on our platform

Infrastrucrure

1,850 Gbps of dedicated attack capacity

Customers

1,250 Over 1250 customers

10 to 15 DDoS attacks every day

Customers

1,250 Over 1250 customers

eCommerce

Media

And more...

100 Banks worldwide use Akamai security solutions

Proof

320 Gbps Largest DDoS attack mitigated, Q3 2014

2014 Protecting the largest online events, including the 2014 Sochi Olympics and FIFA World Cup

71.5 Mpps
What is a DDoS Attack?
Who causes a DDOS Attack?

Knowledge Is Free. We Are Anonymous. We Are Legion. We Do Not Forgive. We Do Not Forget. Expect Us.
Guaranteed down time – sort of…..

<table>
<thead>
<tr>
<th>All payments and transactions will be privately and anonymously. Best and safe for both of us.</th>
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</thead>
<tbody>
<tr>
<td>Targets and clients will be anonymous under any circumstances.</td>
</tr>
<tr>
<td>Prices per hour may depend on your target. Price starts <strong>10$</strong> per hour to <strong>100$</strong> per hour depending on how Huge or Protected the target is.</td>
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<tr>
<td>We only accept serious clients that means business, for those who doubt and don't trust our service, please don't waste your time and our time by contacting us.</td>
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<tr>
<td>We are only providing demo for old clients, this is to avoid time wasters who abuse the service.</td>
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<tr>
<td>Refunds will only be granted once the target has been switched or moved to a protected environment which we are not capable of taking down.</td>
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You thought botnets were made up of old PCs?.....
The Effect on your Business…. 
It’s coming, are you ready?
Q1 2014 - Blend of Dirt Jumper and NTP Reflection

Border Traffic and Mitigation Bits for ALL

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Types of DDoS attacks and their relative distribution in Q3 2014

Infrastructure Layer: 89.3%

Application Layer: 10.7%
Look for comprehensive mitigation
“Everybody has a plan until they get punched in the face.”
Avoid data theft and downtime by extending the security perimeter outside the data-center and protect from increasing frequency, scale and sophistication of web attacks.