

Gaming a DDOS



Anatomy of Attack

- Tools
- Notice
- Symptoms - Identification
- Composition of Attack



LOIC – Low Orbit Ion Cannon

- An application developed by 4Chan-affiliated hackers designed to—when used en masse by thousands of anonymous users—launch Distributed Denial of Service (DDoS) attacks on websites.
- Windows version has “hive-mind” feature that allows you to point your copy to a IRC server allowing for others to control at what site all LOIC clients are aimed. – Voluntary participation in a DDOS.
- Little to no risk of being caught – difficult to prove responsibility.



LOIC

JS LOIC

No need to download, install or setup anything - just click the button, sit and enjoy the show.



Step 1. Select your target:

URL:

For current target see: <http://anonops.net/>

Step 2. Ready?

Optional. Options

Requests per second:

Append message:

Attack status:

Requested:

0

Succeeded:

0

Failed:

0

We need your help in support of [wikileaks](http://wikileaks.org) leave this page firing as long as you can. Don't worry if requests show as failed.



Intelligence Before, During, After

E-Mail

Public Claims of Responsibility

Political Message

Law Enforcement

State Security Underground Network

Other State Lotteries



Response

Limit embryonic connections

Logically move web servers, assign new temporary URL's

Installed Astaro gateway

Block foreign source IP's

Design for DDOS resilience



Take Aways

Plan, plan plan...test your plan...plan some more.

Foster relationships with other agencies/departments, your service providers, and support organizations.

Incident Post Mortem



Questions?

