



# **ERT RESEARCH ALERT**

OpKillingBay





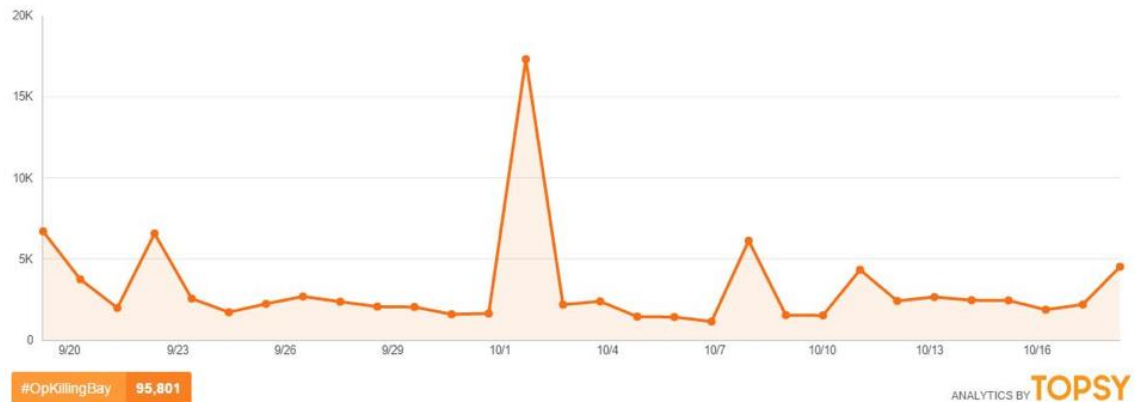
*"Whaling was outlawed in 1986 by the International Whaling Commission, but dolphin hunts remain legal, The Must Be Change #OpKillingBay"*

OpKillingBay is an annual campaign created by Anonymous, activists and other organizations in response to whale and dolphin hunting in Japan and Denmark. In 2015, organizations experienced denial of service (DoS) attacks that began in early September, increased in October and was followed a TweetStorm earlier in the month.

In 2015, OpKillingBay featured a two front campaign: the first protested dolphin hunting in Japan and the second protested whale hunting in Denmark. Each campaign featured its own website and information regarding each operation. Denmark created a hashtag (#EU) to differentiate itself.

## Tweets per day: #OpKillingBay

September 19th — October 19th



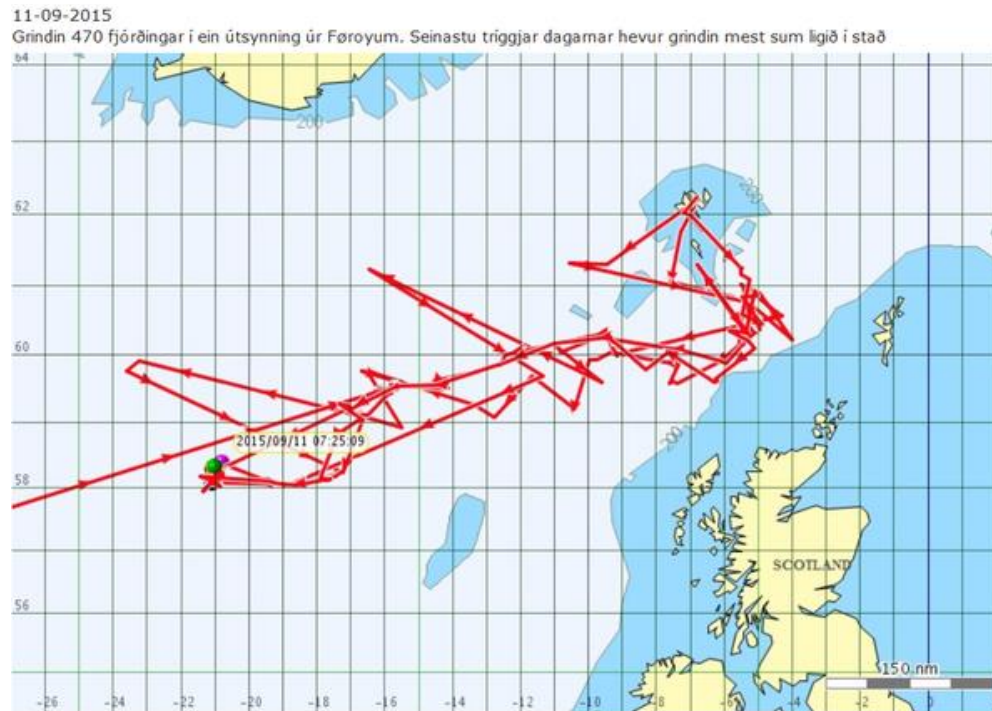
Anonymous organizers prepared content for TweetStorms, videos, target lists and websites. This year the OpKillingBay website for Japan featured pre scripted tweets, including @ mentions, hashtags and images for each tweet. They provided scripted tweets for the TweetStorm in English, Japanese, Dutch, French, German, and Spanish and provided scripted tweets designed for sponsors of the upcoming Olympics in Japan.

## Operation Websites:

- [EU](#)
- [Japan](#)

Each operation provided its own target list for other hacktivist to attack.

- [EU Target List](#)
- [Japan Target List](#)



*Savn.fo was targeted after it was discovered to be used to track whales*

This year the attackers behind #OpKillingBay have targeted a wide variety of industries on both fronts of the operation including:

- Transportation
- Retail
- Banks
- Government
- Media
- Tourism
- Worker Union

Since the beginning of September, a single hacker that goes by the handle [RektFaggot](#) has attacked over 28 targets from Denmark to Japan. Rekt has been one of the main hacktivists for OpKillingBay, providing target lists, scan reports, data dumps and has even directly attacked victims. In addition to OpKillingBay, Rekt has engaged in OpSeaWorld, OpWhales and OpFunKill.

**OpKillingBay: 28+ Sites Attacked by Rekt**  
(since the beginning of September)

1. unyuroren.or.jp
2. Town.koya.wakayama.jp
3. town.kudoyama.wakayama.jp
4. town.taiji.wakayama.jp
5. town.taiji.lg.jp
6. cypress.ne.jp
7. whaling.jp
8. plala.or.jp
9. japanpost.jp
10. jnto.go.jp
11. narita-airport.jp
12. centair.jp
13. the-japan-news.com
14. ascii.jp
15. smyrilline.dk
16. savn.fo
17. lindin.fo
18. faroeislands.fo
19. chw.jp
20. city.iwade.lg.jp
21. drekin.fo
22. elektron.fo
23. borg.fo
24. shimoda-aquarium.com/
25. aburatsubo.co.jp/
26. marine-world.co.jp/
27. ven.fo/
28. sif.fo

**OpSeaWorld: 11+ Sites Attacked by Rekt**  
(since the beginning of September)

1. Sochiaquarium.ru
2. Marineland.fr
3. Georgiaaquarium.org
4. Zoo.pt
5. Tiergarten.nuernberg.de
6. Gulfarium.com
7. Bodrumdolphinpark.com
8. Dolphin-academy.com
9. Dlfinarium.nl
10. Curacaodolphntheraphy.com
11. Mundomar.es

**OpWhales: 1 Site Attacked by Rekt**  
(since the beginning of September)

1. Iceland.is

**OpFunKill: 2 Sites Attacked by Rekt**  
(since the beginning of September)

1. Denmark.dk
2. Gordonramsay.com

As a result of these Anonymous campaigns, organizations have experienced SQL injections, data dumps and service outages caused by denial of service attacks. OpKillingBay has targeted a number of industries directly and indirectly involved in the hunting of dolphins and whales.

Attacks like these are hard to avoid, as the core of the issue is ideological differences. While the victims of these attacks are conducting business within their rights, the groups behind OpKillingBay are driven by emotions and social injustice. As these two groups continue to disagree, we can expect to see a persistent state of attacks.

These attacks are designed to cause service outages due to vulnerabilities in server applications or a large amount of traffic aimed at a weak network. Radware offers a full range of solutions to help networks properly mitigate attacks similar to the ones seen during #OpKillingBay. Radware's DefensePro can help networks with real-time behavioral based attack mitigation and our Attack Mitigation Services can aid in detection, and mitigation with cloud based volumetric attack scrubbing.

In addition to Radware products, we recommend that you review your network once a year during the month of August. As these attacks occur on an annual basis, maintaining and inspecting networks is necessary in order defend against these types of attacks.

For more information about this alert visit: <http://global.radware.com/LP=242>.

#### Reports

- “Server high-load” [http://www.plala.or.jp/support/network/kosyo/tokyo/?entry\\_id=172221](http://www.plala.or.jp/support/network/kosyo/tokyo/?entry_id=172221)
- “DDoS” <http://the-japan-news.com/news/article/0002482799>
- “Increase in server load.” <http://www.jnto.go.jp/jpn/news/info/20151013.pdf>

#### Sources

- Scripted tweets <https://sites.google.com/site/opkillingbay2/olympic-sponsors-tweets>
- OpKillingBay attacks
  - <https://twitter.com/RektFaggot/status/656119962688462848>
    - unyuroren.or.jp
  - <https://twitter.com/RektFaggot/status/654717192290758658>
    - Town.koya.wakayama.jp
    - town.kudoyama.wakayama.jp
  - <https://twitter.com/RektFaggot/status/656538715846787072>
    - Town.taiji.wakayama.jp
    - Town.taiji.lg.jp
    - Cypress.ne.jp
    - Whaling.jp
  - <https://twitter.com/RektFaggot/status/654368177913204736>
    - Plala.or.jp
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    - Japanpost.jp
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    - Narita-airport.jp
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    - Savn.fo
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    - Lindin.fo
    - Faroeislands.fo
    - Chw.jp
    - city.iwade.lg.jp

- <https://twitter.com/ RektFaggot /status/640608852900249600>
  - Drekin.fo
  - Elektron.fo
  - Borg.fo
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  - shimoda-aquarium.com/
  - aburatsubo.co.jp/
  - marine-world.co.jp/
- <https://twitter.com/ RektFaggot /status/639140679717912576>
  - ven.fo/
  - sif.fo
- OpSeaWorld
  - <https://twitter.com/ RektFaggot /status/655503384691261441>
    - Sochiaquarium.ru
  - <https://twitter.com/ RektFaggot /status/654278296222494720>
    - Marineland.fr
  - <https://twitter.com/ RektFaggot /status/643887925453803520>
    - Georgiiaquarium.org
    - Zoo.pt
    - Tiergarten.nuernberg.de
    - Gulfarium.com
  - <https://twitter.com/ RektFaggot /status/643872281807187968>
    - Bodrumdolphinpark.com
  - <https://twitter.com/ RektFaggot /status/641710014164541440>
    - Dolphin-academy.com
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    - Curacaodolphntheraphy.com
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    - Gordonramsay.com