

# Are you ready for the next generation of DDOS attacks?

The D4 project



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Connecting Europe Facility

# DDOS blackmail

Blackmail send by email

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‘‘Should we attack ...

There are proofs of our capabilities:

<https://twitter.com/apophissquadv2/status/1011743626890760193>

Now the real question is are are willing to pay a lifetime protection fee?

If the answer is positive pay exactly to 2.01 Bitcoin to ... before before the Wednesday ...‘‘

How serious do you take such mails?

# DDOS services

## Example of a TOR hidden service

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The following prices are estimates, if I think a specific job takes more time and money I will either refund you or you will send the remaining once we talked.  
If you are unsure about which category to choose, choose the lower priced one in question.  
You will only pay for successful jobs, if I can not do anything for you I will refund you. But keep in mind depending on your target specific things might take longer and require an addition payment, but only after I can show some success.

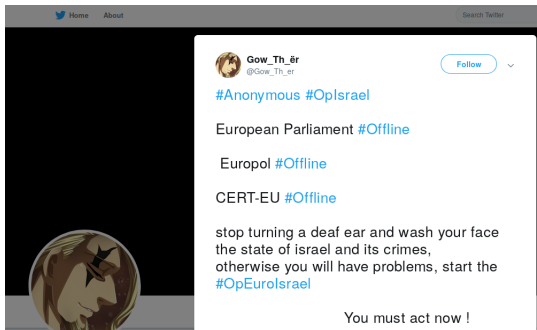
Product	Price	Quantity
Small job, for example: Email and Facebook hacking, installing trojans, small DDOS	250 EUR = 0.046 ฿	<input type="text" value="1"/> X <a href="#">Buy now</a>
Medium-large job, ruining people, espionage, website hacking, DDOS for big websites	500 EUR = 0.092 ฿	<input type="text" value="1"/> X <a href="#">Buy now</a>
Large job which takes a few days or multiple smaller jobs, DDOS for protected sites	900 EUR = 0.165 ฿	<input type="text" value="1"/> X <a href="#">Buy now</a>
UPGRADE: INSTANT reply within 30-60 minutes instead of 24-36 hours for urgent cases. If I need longer this will get refunded. Only buy this together with one of the other options.	200 EUR = 0.037 ฿	<input type="text" value="1"/> X <a href="#">Buy now</a>

How serious do you take such services?

# DDOS activities

## DDOS claims

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How serious do you take such claims?

## D4 project

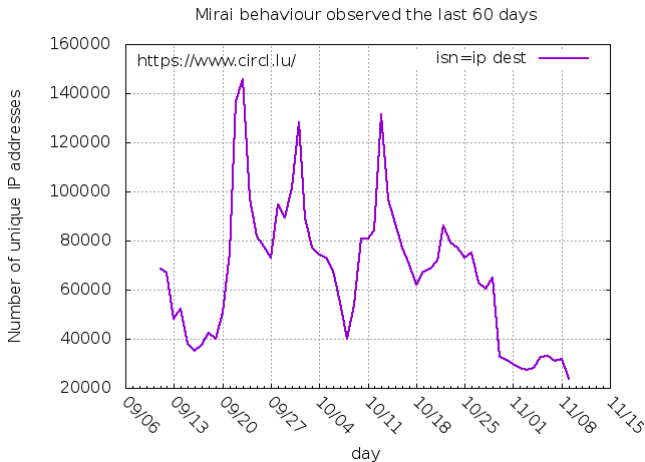
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- Raised from CIRCL research program
- Development of the DDoS detection platform
  - Deployment of distributed DOS detection devices on voluntary basis
- Open D4 core working setup
  - Discussions about DDOS strategies, effectiveness of mitigation techniques and more
  - Provide open data sets
- Provision and advisory support services
  - Extension of CIRCL services (AIL, DMA)
  - Training courses

# Examples of passive DDOS capacity measurements

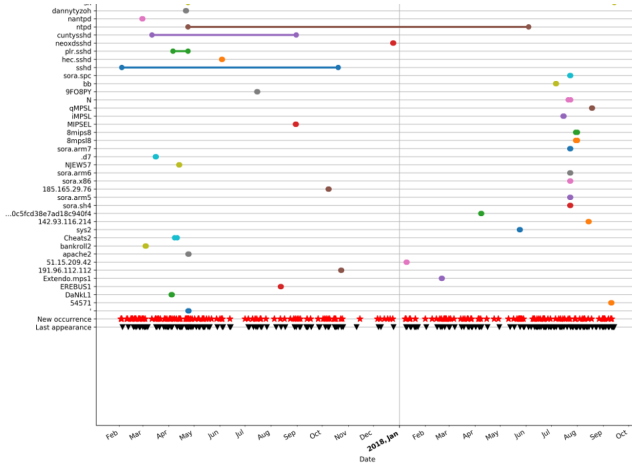
## Mirai

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# Examples of passive DDOS capacity measurements

Partial Netis or similar exploits



# Conclusions

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- D4 is a collaborative project to gather information about DDOS
- D4 is an open project
- Join the project [info@circl.lu](mailto:info@circl.lu)
- Co-financed by CEF action No: 2017-LU-IA-0099