

An invitation to fight bots: the ACDC community

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ACDC

- How does ACDC aid your business?
- What can ACDC do for your customers' security?
- Can ACDC contribute in fighting cyber crime?
- Will ACDC harm my business?
- Can ACDC function facing privacy regulation?

ACDC wants you



Why?

What for?

ACDC wants you



ACDC wants you



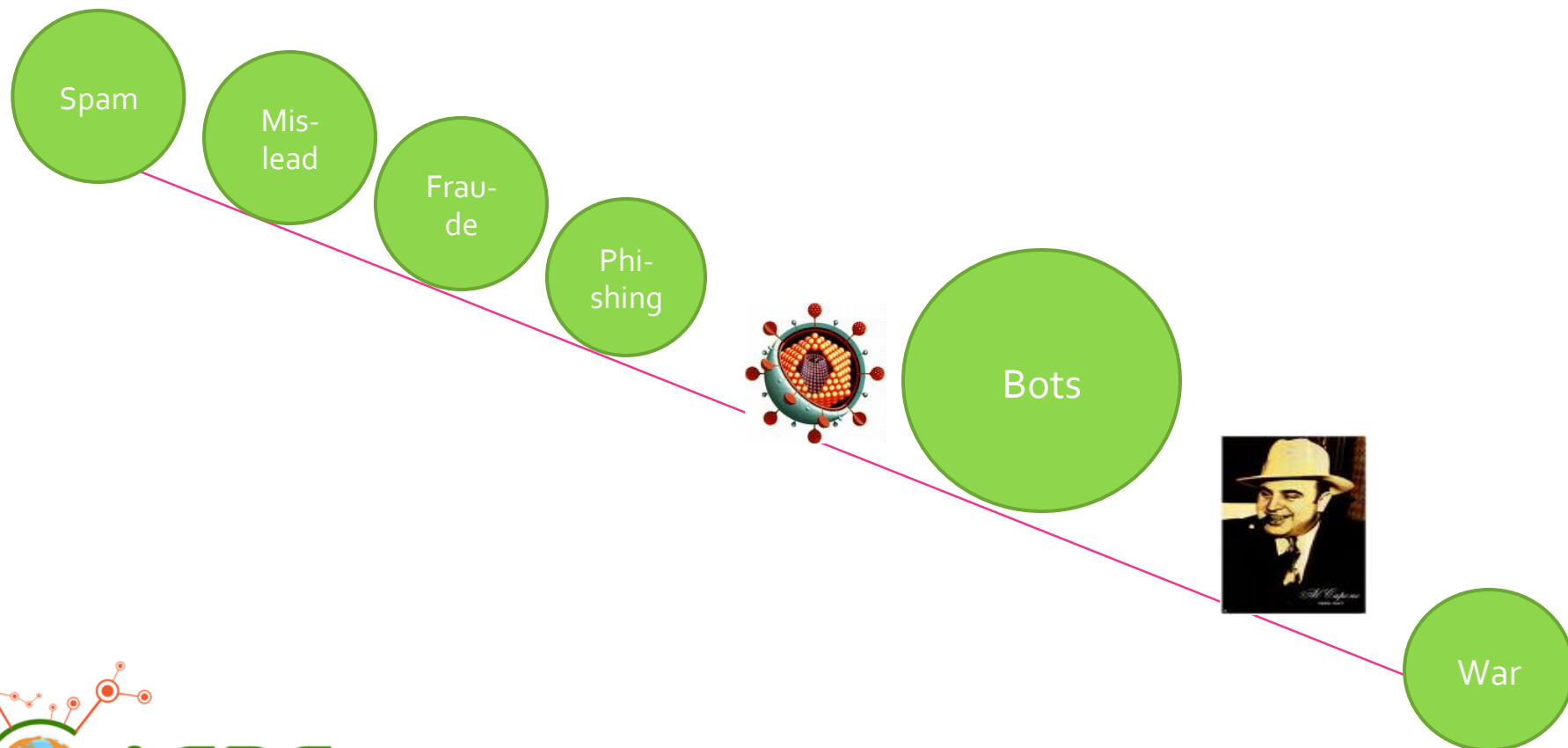
- ✓ For yourself
- ✓ Security of your company
- ✓ Security of your customer
- ✓ Safer Internet
- ✓ Better economic value

ACDC wants you



**Participate in
the EU-wide sharing of data
to fight botnets
together**

The bot chain



The 2 levels of ACDC

National support centres



Central data clearing house

ACDC

the Advanced Cyber Defence Centre

The two levels of ACDC



National support centres

- Supporting support centres
- Feed the centres
- The will to receive alerts
- The will to alert end users
- Cooperation with the support centres
- Funding the support centres

The two levels of ACDC



National support centres

- Support necessary from many levels in a country
- ISPs, government, CERT, internet industry, consumers, ????
- Deployed in 8 Member States
- Putting in place the mechanisms for new centres beyond the initial ones

**Belgium
Croatia
France
Germany
Italy
Portugal
Romania
Spain**



The two levels of ACDC



Central Data Clearing House

- Infecting devices
- Cleaning devices
- Infections
- Cleaning

–Pattern change?

The two levels of ACDC



Central Data Clearing House cannot function without

- Input
- Analyses
- Output
- Partners
- Tuning to needs, expectations
- With privacy or PD breaches

The power of sharing data

- Data gathered from public and industry
- Data is analysed
- Patterns, hosters, C&C, perpetrators
- Data is shared, with:
 - Internet industry
 - Academia
 - CERTs
 - Law enforcement

The power of sharing data

- Results in
 - Faster disinfections
 - Faster take downs
 - Less involvement
 - Less interesting
 - Less costs
 - Less efforts

The power of a community

- ACDC is an EU co-funded pilot project
- Starting with 28 partners / 14 countries



But its ultimate success will depend on its **capability to grow as a community**

ACDC is large enough to initiate the power of sharing data and providing solutions



Opportunities to become part of the ACDC community



- Participate
- Receive data
- Discuss outcome
- Deliver output
- Cooperate on the experiments

Opportunities to become part of the ACDC community



- What does analyses yield?
- What would *you* want it to yield?
- How do *you* expect the experiments to run?
- What would *your* ideal outcome be?

Opportunities to become part of the ACDC community



- Express your needs
- Refine the challenges
- Which solutions are you interested in?
- Which solutions could you contribute?

Where are we today?



First experiments
running at ICT 2013
6 -> 8/11/2013 - Vilnius

- We have defined different profiles of stakeholders for whom ACDC could be relevant as a community
- We have made initial bilateral contacts
- We are defining the “users involvement model” for ACDC

User involvement model for ACDC

- Key to defining **how** the community operates
- Key to touching upon the **way** to share data, from technical to legal aspects
- Defining the **benefits** based on the different profiles
- Paving the way to ACDC beyond 2015 – **sustainable** as a community after the end of the project

What can you do today?

- indicate your interest through a Letter of Intent (contact point: coordinating partner eco)
- stay tuned to ACDC for information (contact point: dissemination partner Engineering Ingeneria Informatica)
- set up bilateral out reach meeting (contact point: ACDC outreach team) to meet your requirements

A bilateral outreach meeting?

- Bring us to your environment
- Bring us to your community / -ies
- We will work together on understanding your needs and your contributions

What will you be able to do tomorrow?

- Become a full member of the ACDC community
- We are deploying an ACDC online community support tool for full access and for interactions
- We will announce the date in Q1 2014

The ACDC Community

Come up, talk to us, work with us, invite us

The ACDC outreach team

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