

ENISA Activities on Cyber Exercises

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08/06/2016, NLO Meeting - Athens



Outline



- ENISA cyber exercise efforts
 - organisation and support
- Cyber Europe 2016
- EuroSOPEX 2016



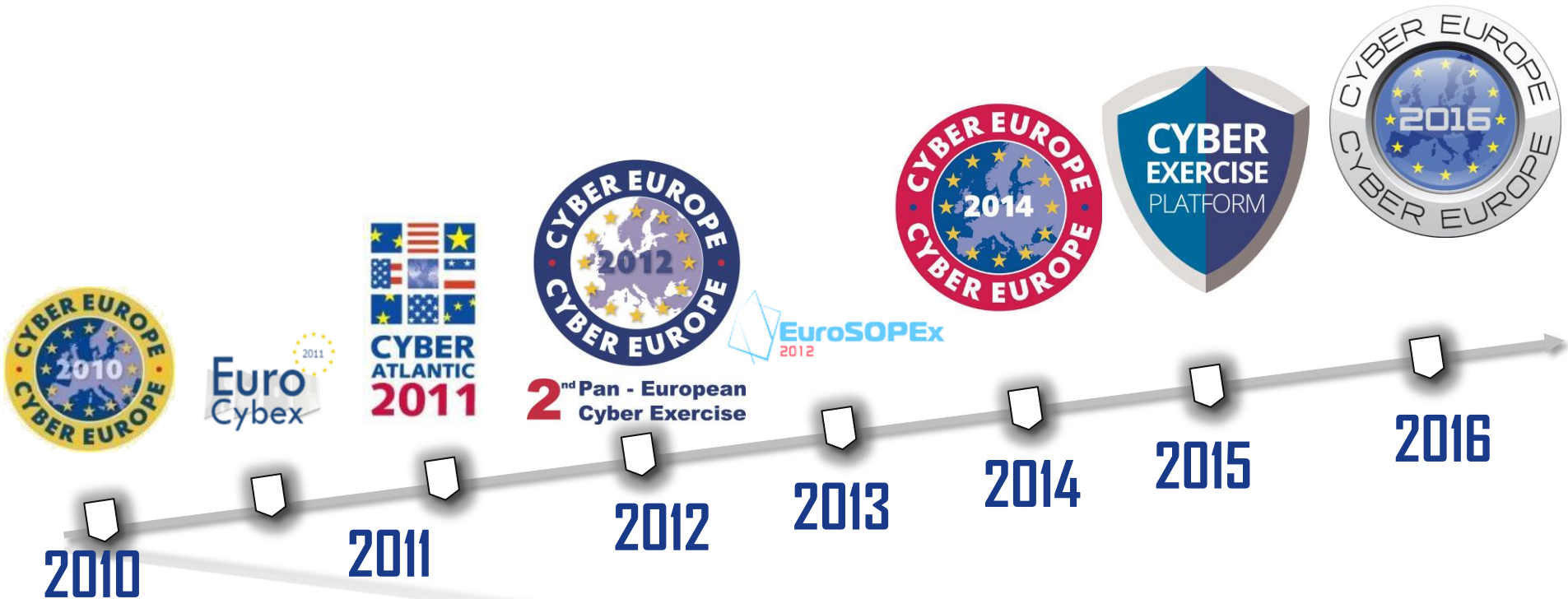


ENISA's Efforts in Cyber Exercises

A reminder



Organisation



OSupport



- Cyber exercise planning training courses
- Support in exercise planning
 - European Commission, EEAS, Eurocontrol, EU Agencies, ..
- Cyber Exercise Platform available for the organisation of EU Institutions, incl. Agencies, and Member States exercises
 - Technical Playground





Cyber Europe 2016

Overview and status update



What is Cyber Europe?



Simulation of large-scale cybersecurity incidents and EU-wide cyber crises

Business continuity and crisis management situations

Advanced technical cybersecurity incidents

Exciting scenarios, inspired by real-life events

National and international cooperation

Flexible learning experience



Goals



CE2016 high-level goals:

1. Test EU-level cooperation processes
2. Provide opportunities to test local-level cooperation processes
3. Train EU- and national-level capabilities

Setup



Phase 1:

Apr-Oct 2016: focus on technical knowledge enhancement

Technical 'challenge of the month' released on a regular basis

Build up the crisis, keep participants interested, train participants

Phase 2:

Oct 2016: two-days focus on cooperation and operations

Status



- **Phase 1:** launched on 26th April
 - 3 Incidents released already
 - Over 350 players from 19 countries are already onboard
- **Final Planning Conference: 15-16 Jun Athens**
- **Phase 2:**
 - Dry-run: 14-15 Sep
 - Exercise: 13-14 Oct

Chapter 0: Enter the hypercube
★★★★☆
Cyber Europe 2016
Difficulty: 0
Due to your excellent analytical skills you must unlock a mystery file named Tesseract.zip. The accompanying files are there to help you. Go ahead and prove your skills once more.

[READ MORE](#)

Steganalysis, Cryptoanalysis
Played 180 times.
Est. Publication:
26-Apr-16

The screenshot shows a challenge card with a geometric wireframe cube icon. The text describes the challenge as 'Chapter 0: Enter the hypercube' with a 4-star rating, 'Cyber Europe 2016' difficulty, and a description of the task. A 'READ MORE' button is present. At the bottom, it lists the categories 'Steganalysis, Cryptoanalysis', 'Played 180 times.', and 'Est. Publication: 26-Apr-16'.



EuroSOPEX 2016

Exercise debriefing



EuroSOPEX
2016



Goal and Objectives



Exercise goal

Train CSIRT PoCs on the use on EU-Cyber SOPs and its supporting pilot CSIRT Cooperation Platform

Objective 1

Use the EU Cyber SOPs

Objective 2

Test familiarity of CSIRT PoCs with the EU Cyber SOPs

Objective 3

Use the supporting pilot CSIRT Cooperation Platform

Objective 4

Test familiarity of CSIRT PoCs with the pilot CSIRT Cooperation Platform

General Info

- Distributed TT Exercise
- Central EXCON
- Common Scenario
- Attack on EU Power Grid

Session 1 31st May

- Malta
- Spain
- France
- Portugal
- Germany
- Bulgaria

Session 2 1st June

- Italy
- UK
- Sweden
- Netherlands
- Belgium

Session 3 2nd June

- Croatia
- Poland
- Austria
- Cyprus
- Slovakia
- Czech Republic
- Greece

Session 4 3rd June

- Latvia
- Lithuania



Emphasis to Realism



BCC NEWS

Search

Home Politics World Business Technology Sport

There are no breaking news at the moment

Private: BCC Breaking News: Darkness in Europe

Private: Alphaland's Power Grid under Cyber Attack

EU's Galileo system launches satellites 13 and 14

Evolutionary engineer Francis Arnold wins Cym tech prize

Carmey defends 'Brexit risk' stance



Private: BCC Breaking News: Darkness in Europe

EASY FINANCE OFFERS

more info >

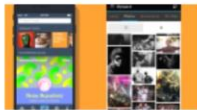
POPULAR TECHNOLOGY SPORTS

Private: BCC Breaking News: Darkness in Europe

Private: Alphaland's Power Grid under Cyber Attack

Malware infects BCC News and Facebook websites - underlying motives unclear

FEATURED CATEGORY



MySpace and Tumblr hit by 'mega breach'
21/05/2016

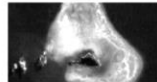
Glastonbury reveals fall festival bill
21/05/2016

Thailand vegans denounce meat-throwers
21/05/2016

TECHNOLOGY

WORLD

ENTERTAINMENT



Sentinel satellite probes coral health from orbit
10/05/2016

Malware infects BCC News and Facebook websites - underlying motives unclear
24/04/2016

Oculus anti-piracy update cracked in a day



Private: BCC Breaking News: Darkness in Europe
03/05/2016

Private: Alphaland's Power Grid under Cyber Attack
03/05/2016

IS 'destroyed aircraft' at Syria base
23/05/2016



Kanye West accused of copyright theft by Hungarian rock singer
14/05/2016

Enid Blyton's Famous Five spoof books to be published
20/04/2016

Spotify revenue riac but losses widen

Role Playing of Actual National Authorities (CSIRTs)

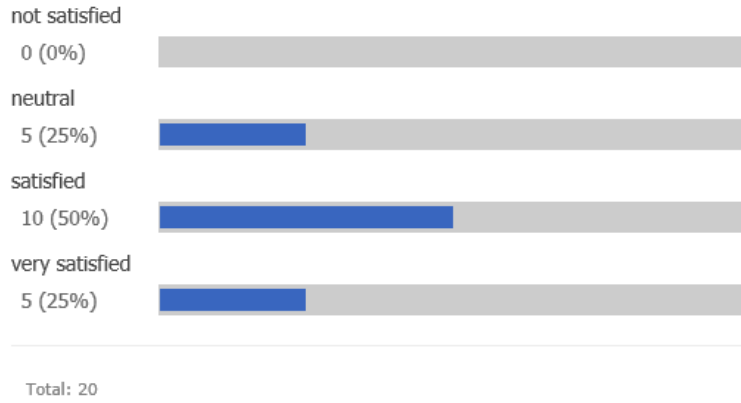
Use of Media Pressure

Use of Political Pressure

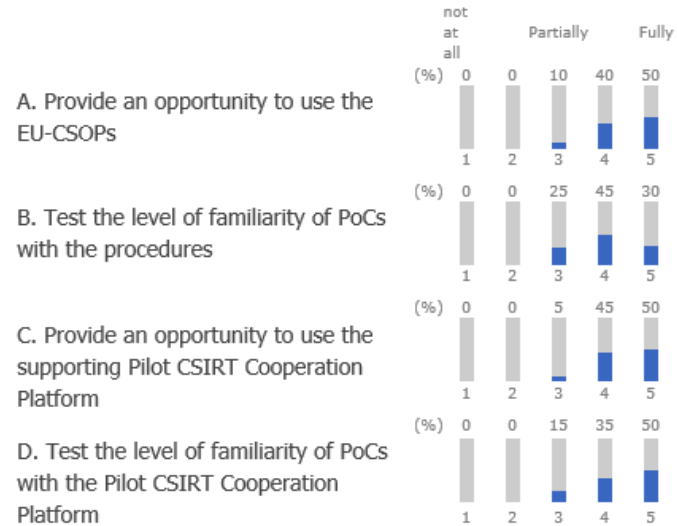
Evaluation surveys



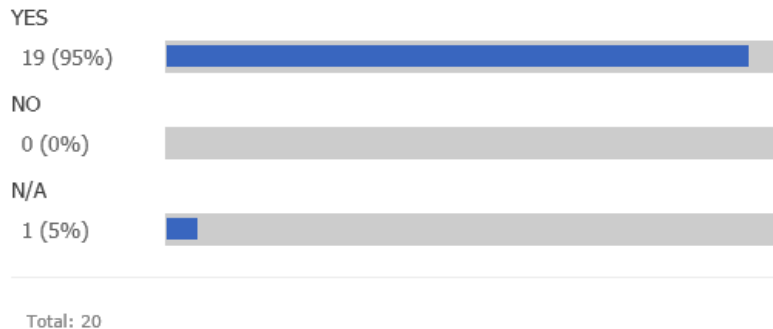
2. Overall how satisfied were you with the exercise?



4. To which extent do you believe the exercise met the individual objectives?



5. Do you believe that exercises like EuroSOPEX could be useful for the future CSIRT Network (NIS Directive)?



Some findings...



- **Information sharing (MISP, operational)**
- **Knowledge of the EU Cyber SOPs**
- **Reactive responses from MS and ENISA**
- **Identified need to use Cooperation Platforms into day2day business**

- **No Cryptomailer use**
- **No naming convention for Chat Service**
- **Teleconference issues**
- **Hesitance to take leading role in Crisis Management**
- **Last minute changes to Participants info**

Questions?

