

# **UN Comprehensive Study on Cybercrime**

Organized Crime and Illicit Trafficking Branch  
Division for Treaty Affairs



## **Why is cybercrime a particular challenge?**



# Analogy with 'conventional crime'



## The Act



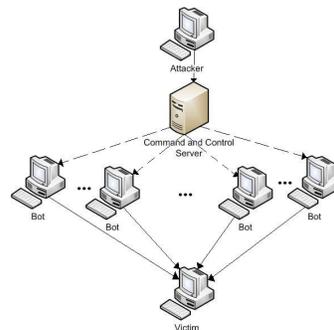
TCP	127.0.0.1:55235	127.0.0.1:12080	ESTABLISHED
TCP	192.168.1.2:139	0.0.0.0:0	LISTENING
TCP	192.168.1.2:2869	192.168.1.1:1159	CLOSE_WAIT
TCP	192.168.1.2:2869	192.168.1.1:1169	CLOSE_WAIT
TCP	192.168.1.2:49434	207.46.124.150:803	ESTABLISHED
TCP	192.168.1.2:49579	218.248.44.171:80	CLOSE_WAIT
TCP	192.168.1.2:49580	218.248.44.171:80	CLOSE_WAIT
TCP	192.168.1.2:55151	219.84.215.238:16884	LAST_ACK
TCP	192.168.1.2:55169	199.58.186.125:80	CLOSE_WAIT
TCP	192.168.1.2:55170	199.58.186.125:80	CLOSE_WAIT
TCP	192.168.1.2:55171	199.58.186.125:80	CLOSE_WAIT
TCP	192.168.1.2:55172	199.58.186.125:80	CLOSE_WAIT
TCP	192.168.1.2:55173	199.58.186.125:80	CLOSE_WAIT
TCP	192.168.1.2:55174	199.58.186.125:80	CLOSE_WAIT
TCP	192.168.1.2:55197	219.84.215.238:16884	LAST_ACK
TCP	192.168.1.2:55202	74.125.236.82:80	ESTABLISHED
TCP	192.168.1.2:55208	74.125.236.82:80	ESTABLISHED
TCP	192.168.1.2:55211	74.125.236.95:80	ESTABLISHED
TCP	192.168.1.2:55212	74.125.236.95:80	ESTABLISHED
TCP	192.168.1.2:55219	74.125.236.83:80	ESTABLISHED
TCP	192.168.1.2:55220	74.125.236.83:80	ESTABLISHED
TCP	192.168.1.2:55221	74.125.236.83:80	ESTABLISHED
TCP	192.168.1.2:55222	74.125.236.83:80	ESTABLISHED
TCP	192.168.1.2:55226	74.125.236.80:80	ESTABLISHED
TCP	192.168.1.2:55227	74.125.236.80:80	ESTABLISHED



## The Victim/Target



## The Modus Operandi



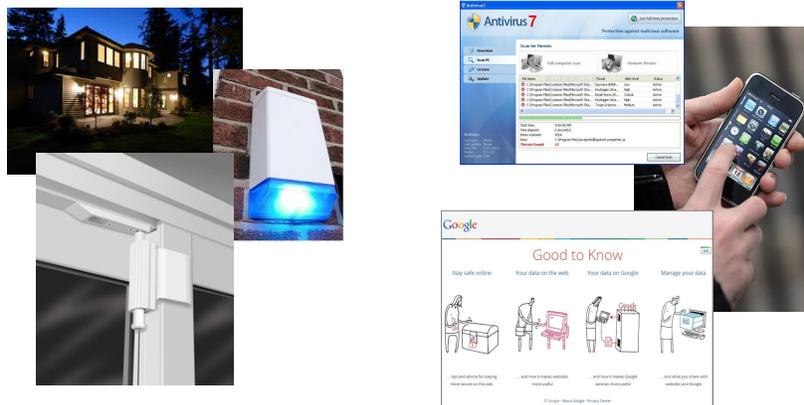




# Criminal Justice- Investigation



# Prevention



## A Cybercrime Response: The Core Elements

- 1) **Legislation**
  - Criminalization
  - Procedural powers and electronic evidence
  - Jurisdiction
  - Responsibility and liability of the private sector
  - International cooperation
- 2) Law enforcement, prosecution and court **capacity**
- 3) International cooperation **mechanisms**
- 4) **Prevention**: public-private partnerships and awareness raising
- 5) In line with **human rights** and the rule of law



## The UN Cybercrime Study

- Mandated by **General Assembly Resolution** 65/230 and conducted by an open-ended intergovernmental expert group
- Aims to present a comprehensive global picture of:
  - the **problem** of cybercrime
  - **responses** to it by Member States, the international community and the private sector
- Will **examine options** for strengthening existing and proposing new national and international legal or other responses to cybercrime



## What is Cybercrime Anyway?

### Acts against the confidentiality, integrity and availability of computer systems and data

Illegal access to a computer system  
 Illegal access, interception or acquisition of computer data  
 Illegal data interference or system interference  
 Production, distribution or possession of computer misuse tools  
 Breach of privacy or data protection measures

### Computer-related acts for personal or financial gain

Computer-related fraud or forgery  
 Computer-related identity offences  
 Computer-related copyright and trademark offences  
 Sending or controlling sending of SPAM



## What is Cybercrime Anyway?

### Specific computer-related acts

Computer-related acts causing personal harm  
 Computer-related acts involving racism or xenophobia  
 Computer-related production, distribution, or possession of child pornography  
 Computer-related solicitation or 'grooming' of children  
 Computer-related acts in support of terrorism offences

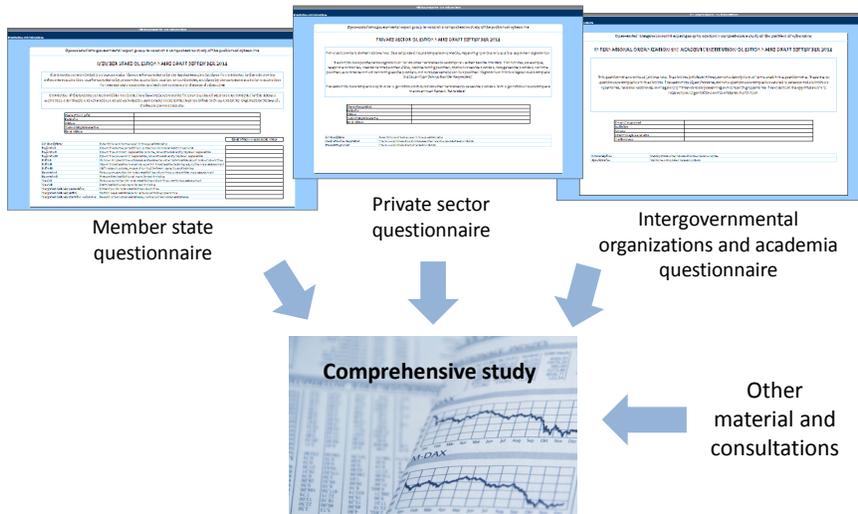


## The Study Topics

- The phenomenon of cybercrime
- Cybercrime legislation
- Criminalization
- Law enforcement investigation and procedure
- Electronic evidence
- Criminal justice response and capacity
- International cooperation
- Cybercrime prevention
- Cybercrime and human rights



## The UN Cybercrime Study



# www.unodc.org/cybercrime-study

**CYBERCRIME** The global challenge **QUESTIONNAIRE**

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## Comprehensive study on the problem of and response to cybercrime

This is the portal for data collection for the comprehensive study on the problem of and responses to cybercrime requested by General Assembly resolution 65/230.

This portal is designed for Member States, as well as invited private sector organizations, intergovernmental organizations and academic organizations.

If you have already received a username and password to this site, please select ' **Login** ' from the menu at the top left of this page.

If you have not received a username and password to this site, please select ' **Register** ' from the menu at the top left of this page.

Please address all queries or requests for assistance to: [cybercrime.study@unodc.org](mailto:cybercrime.study@unodc.org)



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## Study Timeline

**February 2012:** Finalization of the questionnaire and dissemination to Member States, the private sector, IGOs and academia

**April 2012:** Regional workshops to support countries in completing the questionnaire. Chair of expert group makes informal presentation to Crime Commission

**End May 2012:** Deadline for receipt of responses to the questionnaire

**November 2012:** Second meeting of the Expert Group and presentation of preliminary results

**December 2012 – March 2013:** Drafting and finalization with a view to presentation of the study to the Crime Commission in April 2013

## The Study Questionnaire

- Covers the **core elements** needed for a cybercrime response (legislation, capacity, international cooperation, prevention and human rights)
- Includes '**act descriptions**' as a common basis for discussion
- Divided into different tabs for **different institutions**:
  - General section (1 tab)
  - Legislators (2 tabs)
  - Police (2 tabs)
  - Prosecution (2 tabs)
  - Courts (1 tab)
  - International cooperation authorities (3 tabs)



## This Workshop

- Provides an opportunity to contribute to a piece of global research that will **inform the future cybercrime agenda** at international level
- Provides an opportunity to **exchange experience** on challenges and good practices in preventing and combating cybercrime in the region
- Offers support to the ongoing process of **national self-assessment** in the area of cybercrime by providing a **framework** for core elements of the cybercrime response
- Will focus on **legislation**, police and criminal justice **capacities** and **international cooperation**



## Agenda

### This Morning

Introduction to country cybercrime situations

First look at the study questionnaire

### This Afternoon

Working session on cybercrime legislation

Working session on police, prosecution and court capacities, challenges and good practices



## Agenda

### Tomorrow Morning

Working session on police, prosecution and court capacities, challenges and good practices (continued)

Working session on international cooperation

### Tomorrow Afternoon

Exchange of experience on process of national cybercrime assessment

Workshop conclusions



# Thank you

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