



For a safe and secure network infrastructure

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(cont'd)

Measures to counter Botnet

Launched measures to counter "Botnet"

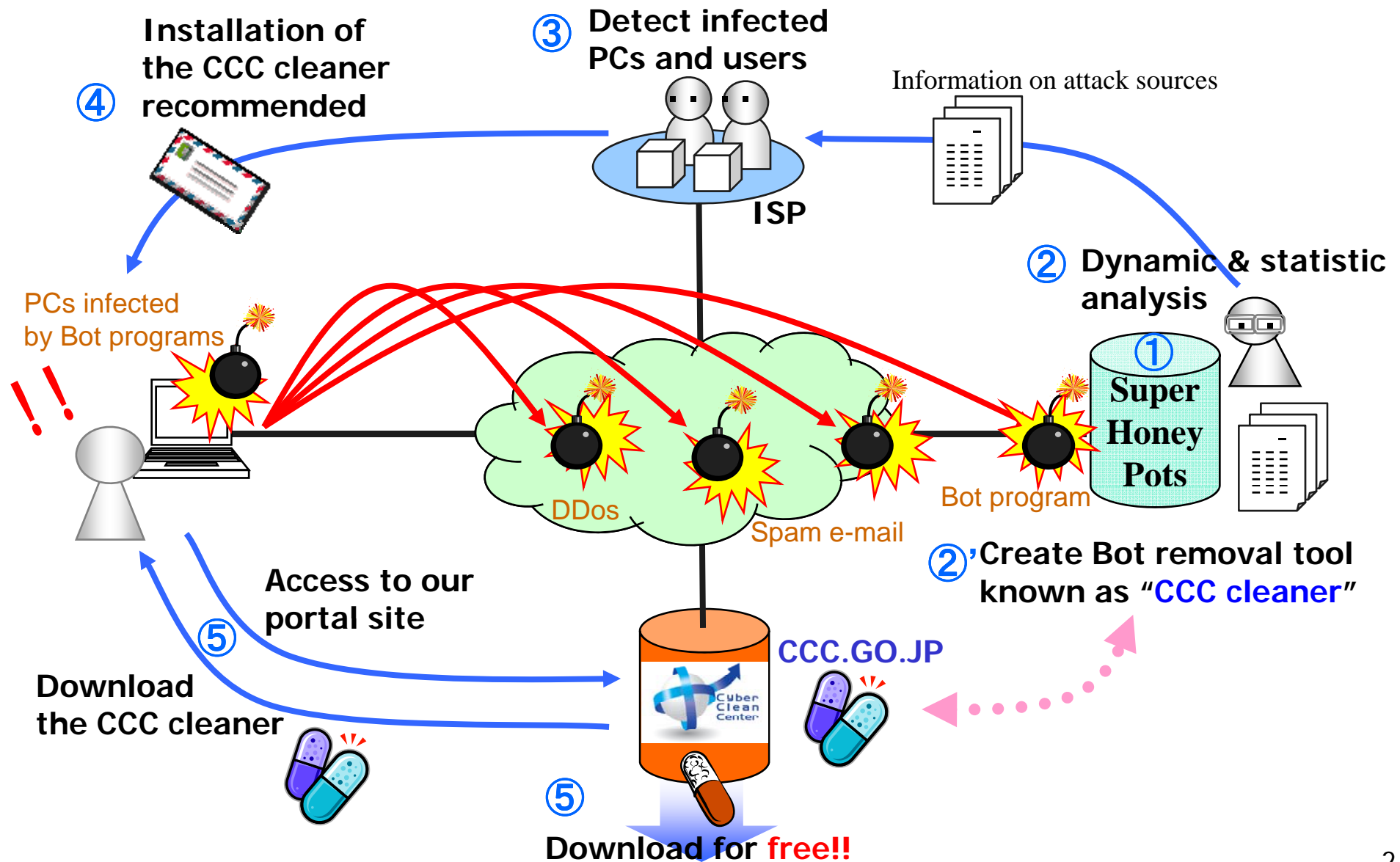
- Our portal site: Cyber Clean Center
<https://www.ccc.go.jp/>

(No English version available)



- Collaboration between 2 ministries (MIC and METI), 8 Internet service providers (currently), Antivirus vendors, etc.
- From FY 2006 to 2010
- Main purpose:
To reduce the number of infected users

Measures to counter Botnet – Workflow



Project results

from Dec.'06 to Apr.'07

	Total (rounded off for ease of understanding)
trapped Bot programs (hash unique)	31,000
Bot programs reflected in our removal tools (hash unique)	1,300
Bot programs can be removed by commercial antivirus software	29,000
Downloading of our removal tools	57,000



Next step in enhancing our project

- Change the composition of honeypots
- Broaden the reach of ISPs
- Build a closer relationship with global partners
- Inform the public about anti-malware measures



Other activities to be undertaken to promote ICT Security in MIC



- Upgrade information sharing and analyzing activities among telecommunications companies → Telecom-ISAC Japan
- Promote R&D for the Information security
- Bolster Internet user understanding of information security
- Promote the development of human resources for Information security

What is the Telecom-ISAC JAPAN?



- Japan's first ISAC established in July 2002.
- Members including telecommunications carriers collect, analyze and share information and take appropriate measures to ensure trouble free and stable operations of services.

Members

Pres. : KDDI Corp.
VP's : NTT Communications Corp., NIFTY Corp.
Members : NEC Corp., SOFTBANK TELECOM Corp., Internet Initiative Japan Inc., Hitachi, Ltd.,
 Matsushita Electric Industrial Co., Ltd., Oki Electric Industry Co., Ltd.,
 SOFTBANK BB Corp., Yokogawa Electric Corp., Matsushita Electric Works, Ltd.,
 NTT NaviSpace Corp., NIPPON TELEGRAPH AND TELEPHONE EAST Corp.,
 NIPPON TELEGRAPH AND TELEPHONE WEST Corp., NTT VISUAL COMMUNICATIONS Corp.,
 NIPPON TELEGRAPH AND TELEPHONE Corp.
Alliance members: Little eArth Corporation Co., Ltd., Intec NetCore Inc., Trend Micro Inc.,
 Internet Security Systems K.K.
Observers : Ministry of Internal Affairs and Communications,
 National Institute of Information and Communications Technology, etc

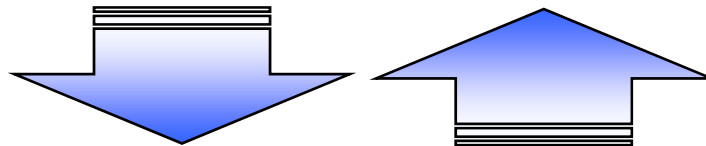
Main activities of WG

Responses to DDoS attacks
 Wide area monitoring
 Monitoring of BGP routing information
 Measures to counter Antinny
 Measures to counter Bot program / Operation of the website CCC etc

Mid-and-long term policy objectives

The Japanese government

Based on the First National Strategy on Information Security, the government aims to make Japan an “information security advanced nation”



The Ministry of Internal Affairs and Communications

“Establish a trusted network that can be used easily, safely and securely”






Please address any questions you may have to...



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URLs:

-  **MIC**
Ministry of Internal Affairs and Communications
<http://www.soumu.go.jp/english/index.html>
-  **経済産業省**
Ministry of Economy,
Trade and Industry
<http://www.meti.go.jp/english/index.html>
- 
<https://www.ccc.go.jp>