



2017/2068(INI)

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AMENDMENTS

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Draft report
Elissavet Vozemberg-Vrionidi
(PE604.566v02-00)

The fight against Cybercrime
(2017/2068(INI))

Amendment 1
Cornelia Ernst

Motion for a resolution
Citation 3

Motion for a resolution

— having regard to Articles 1, 7, 8, 11, 21, 24 and 52 of the Charter of Fundamental Rights of the European Union (CFR),

Amendment

— having regard to Articles 1, 7, 8, 11, 21, 24, **41, 47, 48, 49, 50** and 52 of the Charter of Fundamental Rights of the European Union (CFR),

Or. en

Amendment 2
Jan Philipp Albrecht

Motion for a resolution
Citation 3

Motion for a resolution

— having regard to Articles 1, 7, 8, 11, **21, 24** and 52 of the Charter of Fundamental Rights of the European Union (CFR),

Amendment

— having regard to Articles 1, 7, 8, 11, **16, 17, 21, 24, 47, 49** and 52 of the Charter of Fundamental Rights of the European Union (CFR),

Or. en

Amendment 3
Miriam Dalli, Tanja Fajon

Motion for a resolution
Citation 3

Motion for a resolution

— having regard to Articles 1, 7, 8, 11, 21, **24** and 52 of the Charter of Fundamental Rights of the European Union (CFR),

Amendment

— having regard to Articles 1, 7, 8, 11, 21, **24, 48, 49** and 52 of the Charter of Fundamental Rights of the European Union (CFR),

Or. en

Amendment 4
József Nagy

Motion for a resolution
Citation 3 a (new)

Motion for a resolution

Amendment

- *having regard to the UN Convention on the Rights of the Child, adopted in New York on 20 November 1989,*

Or. en

Amendment 5
József Nagy

Motion for a resolution
Citation 3 b (new)

Motion for a resolution

Amendment

- *having regard to the Optional Protocol to the Convention on the Rights of the Child on the sale of children, child prostitution and child pornography, adopted in New York in 25 May 2000,*

Or. en

Amendment 6
József Nagy

Motion for a resolution
Citation 3 c (new)

Motion for a resolution

Amendment

- *having regard to the Stockholm Declaration, adopted at the 1st World Congress against Commercial Sexual Exploitation of children, the Yokohama*

Global Commitment adopted at the 2nd World Congress against commercial Sexual Exploitation of children, the Budapest Commitment and Plan of Action, adopted at the preparatory Conference for the 2nd World Congress against Commercial Sexual Exploitation of Children,

Or. en

Amendment 7
József Nagy

Motion for a resolution
Citation 3 d (new)

Motion for a resolution

Amendment

- ***having regard to the Council of Europe Convention on the Protection of Children against Sexual Exploitation and Sexual Abuse, of 25 October 2007,***

Or. en

Amendment 8
József Nagy

Motion for a resolution
Citation 3 e (new)

Motion for a resolution

Amendment

- ***having regard to the Commission communication entitled 'European Strategy for a Better Internet for Children' (COM(2012)0196),***

Or. en

Amendment 9

József Nagy

Motion for a resolution

Citation 3 f (new)

Motion for a resolution

Amendment

- *having regard to its resolution of 20 November 2012 on Protecting children in the digital world*

Or. en

Amendment 10

József Nagy

Motion for a resolution

Citation 3 g (new)

Motion for a resolution

Amendment

- *having regard to its resolution of 11 March 2015 on Fight against child sexual abuse on the internet,*

Or. en

Amendment 11

József Nagy

Motion for a resolution

Citation 3 h (new)

Motion for a resolution

Amendment

- *having regard to the 2016 Internet Organised Crime Threat Assessment (IOCTA), the annual presentation of the cybercrime threat landscape by EUROPOL's European Cybercrime Centre (C3),*

Or. en

Amendment 12

Miriam Dalli, Cătălin Sorin Ivan, Tanja Fajon

Motion for a resolution

Citation 4 a (new)

Motion for a resolution

Amendment

- ***having regard to Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data,***

Or. en

Amendment 13

Miriam Dalli, Cătălin Sorin Ivan, Tanja Fajon

Motion for a resolution

Citation 4 b (new)

Motion for a resolution

Amendment

- ***having regard to Directive (EU) 2016/680 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data by competent authorities for the purposes of the prevention, investigation, detection or prosecution of criminal offences or the execution of criminal penalties, and on the free movement of such data,***

Or. en

Amendment 14

Gérard Deprez, Louis Michel, Hilde Vautmans, Petr Ježek

Motion for a resolution

Citation 5

Motion for a resolution

— having regard to the Budapest Convention on Cybercrime of 23 November 2001²,

² Council of Europe, European treaty Series, No 185, 23.11.2001.

Amendment

— having regard to the Budapest Convention on Cybercrime of 23 November 2001² ***and the Additional Protocol thereto,***

² Council of Europe, European treaty Series, No 185, 23.11.2001.

Or. fr

Amendment 15

Elissavet Vozemberg–Vrionidi, Michal Boni, Axel Voss, Carlos Coelho, Barbara Matera

Motion for a resolution

Citation 12 a (new)

Motion for a resolution

Amendment

- ***having regard to the ruling of the Court of Justice of the European Union of 8 April 2014 which invalidated the EU Data Retention Directive,***

Or. en

Amendment 16

Jan Philipp Albrecht

Motion for a resolution

Citation 13 a (new)

Motion for a resolution

Amendment

- ***– having regard to its resolution of 12 March 2014 on the US NSA surveillance programme, surveillance bodies in various Member States and their impact on EU citizens' fundamental rights and on transatlantic cooperation in***

Amendment 17

Elissavet Vozemberg-Vrionidi, Michal Boni, Axel Voss, Carlos Coelho, Barbara Matera

Motion for a resolution

Citation 15 a (new)

Motion for a resolution

Amendment

- *Having regard to the Report of the Conference on jurisdiction in cyberspace held on the 7th and 8th of March 2016 in Amsterdam,*

Amendment 18

Gérard Deprez, Louis Michel, Hilde Vautmans, Petr Ježek

Motion for a resolution

Citation 20 a (new)

Motion for a resolution

Amendment

— *having regard to the European Strategy for a Better Internet for Children (COM(2012) 196) and the Commission report of 6 June 2016 entitled 'Final evaluation of the multi-annual EU programme on protecting children using the Internet and other communication technologies (Safer Internet)' (COM(2016) 364),*

Amendment 19

Jan Philipp Albrecht

Motion for a resolution
Citation 20 a (new)

Motion for a resolution

Amendment

- *having regard to the Europol and ENISA Joint Statement of 20 May 2016 on lawful criminal investigation that respects 21st Century data protection;*

Or. en

Amendment 20
Gérard Deprez, Louis Michel, Hilde Vautmans, Petr Ježek

Motion for a resolution
Citation 20 b (new)

Motion for a resolution

Amendment

— *having regard to the Council conclusions of 9 June 2016 establishing the European Judicial Cybercrime Network,*

Or. fr

Amendment 21
Miriam Dalli, Tanja Fajon, Cătălin Sorin Ivan, Miltiadis Kyrkos

Motion for a resolution
Citation 21 a (new)

Motion for a resolution

Amendment

- *having regard to the ENISA's Opinion Paper on Encryption - Strong Encryption Safeguards our Digital Identity of December 2016,*

Or. en

Amendment 22
Nathalie Griesbeck

Motion for a resolution
Citation 23 a (new)

Motion for a resolution

Amendment

- *having regard of the work of the Joint Cyber Crime Action Taskforce (J-CAT)*

Or. en

Amendment 23
John Procter

Motion for a resolution
Citation 27 a (new)

Motion for a resolution

Amendment

- *having regard to Directive (EU) 2016/1148 of the European Parliament and of the Council of 6 July 2016 concerning measures for a high common level of security of network and information systems across the Union*

Or. en

Amendment 24
Eleftherios Synadinos

Motion for a resolution
Recital A

Motion for a resolution

Amendment

A. whereas cybercrime is causing increasingly significant social and economic damage affecting the fundamental rights of individuals, posing threats to the rule of law in cyberspace **and**

A. whereas cybercrime is causing increasingly significant social and economic damage affecting the fundamental rights of individuals **and**

endangering the stability of democratic societies;

posing threats to the rule of law in cyberspace;

Or. el

Amendment 25

Axel Voss

Motion for a resolution

Recital A

Motion for a resolution

A. whereas cybercrime is causing increasingly significant ***social and*** economic damage affecting the fundamental rights of individuals, posing threats to the rule of law in cyberspace and endangering the stability of democratic societies;

Amendment

A. whereas cybercrime is causing increasingly significant economic damage ***and*** affecting the fundamental rights of individuals, posing threats to the rule of law in cyberspace and endangering the stability of democratic societies;

Or. en

Amendment 26

Eleftherios Synadinos

Motion for a resolution

Recital A a (new)

Motion for a resolution

Amendment

Aa. whereas, although technological innovation in cyberspace can be used to benefit society as a whole, it also offers opportunities for illegal and criminal practices; recalling that cybercrime is by definition more pronounced in those countries with well developed internet infrastructures and functioning online payment systems;

Or. el

Amendment 27
Csaba Sógor

Motion for a resolution
Recital A a (new)

Motion for a resolution

Amendment

Aa. whereas in the world of the “internet of things” computers increasingly deal not just with intangible details and databases, but also with connected physical objects such as electricity grids, fridges, cars, medical tools and aids such as pacemakers that can be vulnerable to malicious attacks;

Or. en

Amendment 28
Anneleen Van Bossuyt

on behalf of the Committee on the Internal Market and Consumer Protection

Motion for a resolution
Recital A a (new)

Motion for a resolution

Amendment

Aa. Whereas building confidence and trust in the online world is crucial to the creation and success of the Digital Single Market;

Or. en

Amendment 29
József Nagy

Motion for a resolution
Recital A a (new)

Motion for a resolution

Amendment

Aa. Whereas cybercrime is a growing problem within the EU Member States.

Or. en

Amendment 30

Anneleen Van Bossuyt

on behalf of the Committee on the Internal Market and Consumer Protection

Motion for a resolution

Recital A b (new)

Motion for a resolution

Amendment

Ab. Whereas an effective legal framework for data protection will at the same time allow consumers and businesses to fully reap the benefits of the Digital Single Market and address cybercrime;

Or. en

Amendment 31

Csaba Sógor

Motion for a resolution

Recital A b (new)

Motion for a resolution

Amendment

Ab. whereas the interconnectedness underlying the digital age represents both a huge gain in speed, efficiency and effectiveness of computers as well as a vulnerability that needs to be addressed;

Or. en

Amendment 32

Csaba Sógor

Motion for a resolution
Recital A c (new)

Motion for a resolution

Amendment

Ac. whereas the vulnerabilities of computers originates both in the specific way information technology has developed over the years, the speed of online business growth, and lack of government action;

Or. en

Amendment 33
Csaba Sógor

Motion for a resolution
Recital A d (new)

Motion for a resolution

Amendment

Ad. whereas there is an ever-growing black market in computerised extortion, the use of hired botnets and hacking and stolen digital goods;

Or. en

Amendment 34
Csaba Sógor

Motion for a resolution
Recital A e (new)

Motion for a resolution

Amendment

Ae. whereas companies alone cannot deal with the challenge of making the connected world more secure, and government regulation should contribute to cyber security through regulation and provision of incentives encouraging safer behaviour by users;

Amendment 35
Eleftherios Synadinos

Motion for a resolution
Recital B

Motion for a resolution

B. whereas *the lines between* cybercrime, cyber espionage, cyber warfare, cyber sabotage *and* cyber terrorism *are becoming increasingly blurred*; whereas cybercrimes can target individuals, public or private entities and cover a wide range of offences, *including privacy breaches, copyright infringement, child pornography, online incitement to hate, the dissemination of fake news with malicious intent, financial crime and fraud*, as well as illegal system interference;

Amendment

B. whereas *attacks against information security systems can take different forms, such as* cybercrime, cyber espionage, cyber warfare, cyber sabotage cyber terrorism, *etc*; whereas cybercrimes can target individuals, public or private entities and cover a wide range of *criminal and civil* offences; *whereas, to fall under the definition of cybercrime, however, they must arise from, and be essentially caused by, the existence and use of digital media and be inherently linked to the digital domain; whereas they include infringements of internet privacy, unauthorised data dissemination using digital technology, copyright infringement, the dissemination of child pornography, industrial espionage and digital* fraud, as well as illegal system interference;

Or. el

Amendment 36
Luigi Morgano

Motion for a resolution
Recital B

Motion for a resolution

B. whereas the lines between cybercrime, cyber espionage, cyber warfare, cyber sabotage and cyber terrorism are becoming increasingly

Amendment

B. whereas the lines between cybercrime, cyber espionage, cyber warfare, cyber sabotage and cyber terrorism are becoming increasingly

blurred; whereas cybercrimes can target individuals, public or private entities and cover a wide range of offences, including privacy breaches, copyright infringement, child pornography, online incitement to hate, the dissemination of fake news with malicious intent, financial crime and fraud, as well as illegal system interference;

blurred; whereas cybercrimes can target individuals, public or private entities and cover a wide range of offences, including privacy breaches, copyright infringement, child pornography (*in accordance with the wording of Article 9 of the Budapest Convention on Cybercrime of 23 November 2001*), online incitement to hate, the dissemination of fake news with malicious intent, financial crime and fraud, as well as illegal system interference;

Or. en

Amendment 37
Marine Le Pen, Gilles Lebreton

Motion for a resolution
Recital B

Motion for a resolution

B. whereas the lines between cybercrime, cyber espionage, cyber warfare, cyber sabotage and cyber terrorism are becoming increasingly blurred; whereas cybercrimes can target individuals, public or private entities and cover a wide range of offences, including privacy breaches, copyright infringement, child pornography, online incitement to *hate*, the dissemination of fake news with malicious intent, financial crime and fraud, as well as illegal system interference;

Amendment

B. whereas the lines between cybercrime, cyber espionage, cyber warfare, cyber sabotage and cyber terrorism are becoming increasingly blurred; whereas cybercrimes can target individuals, public or private entities and cover a wide range of offences, including privacy breaches, copyright infringement, child pornography, online incitement to *terrorism and violence*, the dissemination of fake news with malicious intent, financial crime and fraud, as well as illegal system interference;

Or. fr

Amendment 38
Axel Voss, Elissavet Vozemberg-Vrionidi

Motion for a resolution
Recital B

Motion for a resolution

B. whereas the lines between cybercrime, cyber espionage, cyber warfare, cyber sabotage and cyber terrorism are becoming increasingly blurred; whereas cybercrimes can target individuals, public or private entities and cover a wide range of offences, including privacy breaches, copyright infringement, child pornography, online incitement to hate, the dissemination of fake news with malicious intent, financial crime and fraud, as well as illegal system interference;

Amendment

B. whereas the lines between cybercrime, cyber espionage, cyber warfare, cyber sabotage and cyber terrorism are becoming increasingly blurred; whereas cybercrimes can target individuals, public or private entities and cover a wide range of offences, including privacy breaches, copyright infringement, child pornography, online incitement to hate, ***hate speech***, the dissemination of fake news with malicious intent, financial crime and fraud, as well as illegal system interference;

Or. en

Amendment 39

Miriam Dalli, Tanja Fajon, Miltiadis Kyrkos, Péter Niedermüller

Motion for a resolution

Recital B

Motion for a resolution

B. whereas the lines between cybercrime, cyber espionage, cyber warfare, cyber sabotage and cyber terrorism are becoming increasingly blurred; whereas cybercrimes can target individuals, public or private entities and cover a wide range of offences, including privacy breaches, copyright infringement, child ***pornography, online incitement to hate***, the dissemination of fake news with malicious intent, financial crime and fraud, as well as illegal system interference;

Amendment

B. whereas the lines between cybercrime, cyber espionage, cyber warfare, cyber sabotage and cyber terrorism are becoming increasingly blurred; whereas cybercrimes can target individuals, public or private entities and cover a wide range of offences, including privacy breaches, copyright infringement, child ***sexual abuse online, hate speech***, the dissemination of fake news with malicious intent, financial crime and fraud, as well as illegal system interference;

Or. en

Amendment 40

Cornelia Ernst

Motion for a resolution
Recital B

Motion for a resolution

B. whereas the lines between cybercrime, cyber espionage, cyber warfare, cyber sabotage and cyber terrorism are becoming increasingly blurred; whereas cybercrimes can target individuals, public or private entities and cover a wide range of offences, **including privacy breaches, copyright infringement, child pornography, online incitement to hate, the dissemination of fake news with malicious intent, financial crime and fraud**, as well as illegal system interference;

Amendment

B. whereas the lines between cybercrime, cyber espionage, cyber warfare, cyber sabotage and cyber terrorism are becoming increasingly blurred; whereas cybercrimes can target individuals, public or private entities and cover a wide range of offences, **such as financial crime and fraud, including payment fraud, theft, identity theft, including privacy breaches, child sexual exploitation, online incitement to hate, sabotage, espionage** as well as illegal system interference;

Or. en

Amendment 41
Jan Philipp Albrecht

Motion for a resolution
Recital B

Motion for a resolution

B. whereas the lines between cybercrime, cyber espionage, cyber warfare, cyber sabotage and cyber terrorism are becoming increasingly blurred; whereas cybercrimes can target individuals, public or private entities and cover a wide range of offences, including privacy breaches, copyright infringement, child **pornography, online** incitement to **hate, the dissemination of fake news with malicious intent**, financial crime and fraud, as well as illegal system interference;

Amendment

B. whereas the lines between cybercrime, cyber espionage, cyber warfare, cyber sabotage and cyber terrorism are becoming increasingly blurred; whereas cybercrimes can target individuals, public or private entities and cover a wide range of offences, including privacy breaches, copyright infringement, child **sexual abuse, public** incitement to **violence or hatred**, financial crime and fraud, as well as illegal system interference;

Or. en

Amendment 42
Jaromír Štětina

Motion for a resolution
Recital B a (new)

Motion for a resolution

Amendment

Ba. The spreading of fake news and half-truths by actors from third countries, in particular the Russian Federation, is an ever growing threat in the Member States, for example in the form of interference in the conduct of democratic elections; in this context, calls on the European Commission and the EEAS to enhance its strategic communication and, inter alia, to significantly strengthen the East StratCom Task Force, both financially and in terms of staff;

Or. cs

Amendment 43
Eleftherios Synadinos

Motion for a resolution
Recital I

Motion for a resolution

Amendment

C. whereas the 2016 IOCTA reveals that cybercrime is increasing in intensity, complexity and magnitude, that reported cybercrime exceeds traditional crime in some EU countries, that it extends to other areas of crime, such *as* human trafficking, that there has been a growing *misuse* of encryption *and anonymisation* tools and that ransomware attacks outnumber traditional malware threats such as Trojans;

C. whereas the 2016 IOCTA reveals that, ***over time and with the expansion of digital applications and capabilities***, cybercrime is increasing in intensity, ***aggressiveness***, complexity and magnitude, that reported cybercrime ***quite possibly*** exceeds traditional crime in some EU countries, ***there being no tangible or comparable data, while the definition is very broad and encompasses economic fraud and misuse of digital technology***, that it extends to ***and encourages*** other areas of crime, such human trafficking, that there has been a growing *use* of encryption, ***anonymisation and***

pseudonymisation tools and that ransomware attacks outnumber traditional malware threats *for the misappropriation and exploitation of personal and sensitive banking data*, such as Trojans;

Or. el

Amendment 44
Cornelia Ernst

Motion for a resolution
Recital C

Motion for a resolution

C. whereas the 2016 IOCTA reveals that cybercrime is increasing in intensity, complexity and magnitude, that reported cybercrime exceeds traditional crime in some EU countries, that it extends to other areas of crime, such as human trafficking, *that there has been a growing misuse of encryption and anonymisation tools* and that ransomware attacks outnumber traditional malware threats such as Trojans;

Amendment

C. whereas the 2016 IOCTA reveals that cybercrime is increasing in intensity, complexity and magnitude, that reported cybercrime exceeds traditional crime in some EU countries, that it extends to other areas of crime, such as human trafficking, and that ransomware attacks outnumber traditional malware threats such as Trojans;

Or. en

Amendment 45
Nathalie Griesbeck

Motion for a resolution
Recital C

Motion for a resolution

C. whereas the 2016 IOCTA reveals that cybercrime is increasing in intensity, complexity and magnitude, that reported cybercrime exceeds traditional crime in some EU countries, that it extends to other areas of crime, such as human trafficking, *that there has been a growing misuse of*

Amendment

C. whereas the 2016 IOCTA reveals that cybercrime is increasing in intensity, complexity and magnitude, that reported cybercrime exceeds traditional crime in some EU countries, that it extends to other areas of crime, such as human trafficking, and that ransomware attacks

encryption and anonymisation tools and that ransomware attacks outnumber traditional malware threats such as Trojans;

outnumber traditional malware threats such as Trojans;

Or. en

Amendment 46
Jan Philipp Albrecht

Motion for a resolution
Recital C

Motion for a resolution

C. whereas the 2016 IOCTA reveals that cybercrime is increasing in intensity, complexity and magnitude, that reported cybercrime exceeds traditional crime in some EU countries, that it extends to other areas of crime, such as human trafficking, ***that there has been a growing misuse of encryption and anonymisation tools*** and that ransomware attacks outnumber traditional malware threats such as Trojans;

Amendment

C. whereas the 2016 IOCTA reveals that cybercrime is increasing in intensity, complexity and magnitude, that reported cybercrime exceeds traditional crime in some EU countries, that it extends to other areas of crime, such as human trafficking, and that ransomware attacks outnumber traditional malware threats such as Trojans;

Or. en

Amendment 47
Beatrix von Storch

Motion for a resolution
Recital C

Motion for a resolution

C. whereas the 2016 IOCTA reveals that cybercrime is increasing in intensity, complexity and magnitude, that reported cybercrime ***exceeds*** traditional crime in some EU countries, that it extends to other areas of crime, such as human trafficking, that there has been a growing misuse of encryption and anonymisation tools and

Amendment

C. whereas the 2016 IOCTA reveals that cybercrime is increasing in intensity, complexity and magnitude, that reported cybercrime ***may have exceeded*** traditional crime in some EU countries, that it extends to other areas of crime, such as human trafficking, that there has been a growing misuse of encryption and anonymisation tools and that ransomware attacks

that ransomware attacks outnumber traditional malware threats such as Trojans;

outnumber traditional malware threats such as Trojans;

Or. en

Amendment 48
Miriam Dalli, Tanja Fajon

Motion for a resolution
Recital C

Motion for a resolution

C. whereas the 2016 IOCTA reveals that cybercrime is increasing in intensity, complexity and magnitude, that reported cybercrime exceeds traditional crime in some EU countries, that it extends to other areas of crime, such as human trafficking, **that there has been a growing** misuse of encryption and anonymisation tools and that ransomware attacks outnumber traditional malware threats such as Trojans;

Amendment

C. whereas the 2016 IOCTA reveals that cybercrime is increasing in intensity, complexity and magnitude, that reported cybercrime exceeds traditional crime in some EU countries, that it extends to other areas of crime, such as human trafficking, **the** misuse of encryption and anonymisation tools **for illegal reasons** and that ransomware attacks outnumber traditional malware threats such as Trojans;

Or. en

Amendment 49
Miriam Dalli, Tanja Fajon, Miltiadis Kyrkos

Motion for a resolution
Recital C a (new)

Motion for a resolution

C a. Whereas a recent study by the National Crime Agency in the UK found that younger persons who engage in hacking activities are less motivated by money and often attack computer networks to impress friends or to challenge a political system.

Amendment

Or. en

Amendment 50

Elissavet Vozemberg-Vrionidi, Michal Boni, Axel Voss, Carlos Coelho, Barbara Matera

Motion for a resolution

Recital C a (new)

Motion for a resolution

Amendment

Ca. Whereas there was an increase of 20% in the attacks on the servers of the European Commission in 2016 compared to 2015;

Or. en

Amendment 51

Miltiadis Kyrkos

Motion for a resolution

Recital Δ

Motion for a resolution

Amendment

D. the key focus of cyber-attacks remains on sensitive personal information such as health or financial records, but attacks on industrial control systems and networks aimed at destroying economic structures and destabilising societies are growing in number; whereas the majority of international requests for data are related to fraud and financial crime, followed by violent and serious crime;

D. whereas cyber-attacks are continuously increasing and constitute a major threat to security, defence and other important sectors, while focusing on sensitive personal information such as health or financial records, but attacks on industrial control systems and networks aimed at destroying economic structures and destabilising societies are growing in number; whereas the majority of international requests for data are related to fraud and financial crime, followed by violent and serious crime;

Or. el

Amendment 52

Eleftherios Synadinos

Motion for a resolution
Recital Δ

Motion for a resolution

D. the key focus of cyber-attacks remains on sensitive personal information such as health or financial records, **but attacks** on industrial control systems and networks **aimed at destroying** economic structures and **destabilising societies are growing in number**; whereas the **majority** of international requests for data are related to fraud and financial crime, **followed by violent and serious crime**;

Amendment

D. **whereas** the key focus of cyber-attacks remains on sensitive personal information such as health or financial records **and** on industrial control systems and networks, **the aim of such attacks differing in accordance with the source thereof, with motivations ranging from personal satisfaction and/or enrichment to the destruction of** economic structures and **the destabilisation of societies**; whereas the **an exceptionally high number** of international requests for data are related to fraud and financial crime **in the digital domain**;

Or. el

Amendment 53
Ana Gomes

Motion for a resolution
Recital D

Motion for a resolution

D. the key focus of cyber-attacks remains on sensitive personal information such as health or financial records, but attacks on industrial control systems and networks aimed at destroying economic structures and destabilising societies are growing in number; whereas the majority of international requests for data are related to fraud and financial crime, followed by violent and serious crime;

Amendment

D. the key focus of cyber-attacks remains on sensitive personal information such as health or financial records, but attacks on industrial control systems and networks aimed at destroying **critical infrastructure**, economic structures and destabilising societies are growing in number **and impact**; whereas the majority of international requests for data are related to fraud and financial crime, followed by violent and serious crime;

Or. en

Amendment 54

Axel Voss, Elissavet Vozemberg-Vrionidi

Motion for a resolution

Recital D

Motion for a resolution

D. the key focus of cyber-attacks remains on sensitive personal information such as health or financial records, but attacks on industrial control systems and networks aimed at destroying economic structures and destabilising societies are growing in number; whereas the majority of international requests for data are related to fraud and financial crime, followed by violent and serious crime;

Amendment

D. the key focus of cyber-attacks remains on sensitive personal information such as health or financial records, but attacks on industrial control systems and networks aimed at destroying economic structures and destabilising societies *as lately the "WannaCry" hacker attack* are growing in number; whereas the majority of international requests for data are related to fraud and financial crime, followed by violent and serious crime;

Or. en

Amendment 55

Cornelia Ernst

Motion for a resolution

Recital D

Motion for a resolution

D. the key focus of cyber-attacks remains on *sensitive personal information* such as *health or financial records*, but attacks on industrial control systems and networks aimed at destroying economic structures and destabilising societies are growing in number; whereas the majority of international requests for data are related to fraud and financial crime, followed by violent and serious crime;

Amendment

D. the key focus of cyber-attacks remains on *malware*, such as *so-called ransomware and banking trojans*, but attacks on industrial control systems and networks aimed at destroying economic structures and destabilising societies are growing in number; whereas the majority of international requests for data are related to fraud and financial crime, followed by violent and serious crime;

Or. en

Amendment 56

Elissavet Vozemberg-Vrionidi, Michal Boni, Axel Voss, Carlos Coelho, Barbara Matera

Motion for a resolution

Recital D a (new)

Motion for a resolution

Amendment

Da. *Whereas the World Economic Forum's Global Risks Report 2017 lists massive incident of data fraud or theft as one of the five major global risks in terms of likelihood;*

Or. en

Amendment 57

Eleftherios Synadinos

Motion for a resolution

Recital E

Motion for a resolution

Amendment

E. whereas a considerable number of cybercrimes remain unprosecuted and unpunished, due in part to significant underreporting, ***long*** detection ***periods allowing*** cybercriminals to develop multiple entries/exits or backdoors, difficult access to ***e-evidence, problems in*** obtaining it and with its admissibility in court, as well as complex procedures and jurisdictional ***challenges*** related to the cross-border nature of cybercrimes;

E. whereas a considerable number of cybercrimes remain unprosecuted and unpunished, due in part to significant underreporting, ***the legal procedures that must be followed at the detection stage, inevitably giving*** cybercriminals ***time*** to develop multiple entries/exits or backdoors, difficult access to ***e-evidence, institutional and procedural obstacles to*** obtaining it and with its admissibility in court, as well as complex procedures and jurisdictional ***questions*** related to the cross-border nature of cybercrimes;

Or. el

Amendment 58

Jan Philipp Albrecht

Motion for a resolution

Recital E

Motion for a resolution

E. whereas a considerable number of cybercrimes remain unprosecuted and unpunished, *due in part to* significant underreporting, long detection periods allowing cybercriminals to develop multiple entries/exits or backdoors, difficult access to e-evidence, problems in obtaining it and with its admissibility in court, as well as complex procedures and jurisdictional challenges related to the cross-border nature of cybercrimes;

Amendment

E. whereas a considerable number of cybercrimes remain unprosecuted and unpunished; *whereas there is still* significant underreporting, long detection periods allowing cybercriminals to develop multiple entries/exits or backdoors, difficult access to e-evidence, problems in obtaining it and with its admissibility in court, as well as complex procedures and jurisdictional challenges related to the cross-border nature of cybercrimes;

Or. en

Amendment 59

Gérard Deprez, Louis Michel, Hilde Vautmans, Petr Ježek

Motion for a resolution

Recital E a (new)

Motion for a resolution

Amendment

Ea. whereas, given the cross-border nature of cybercrime, cooperation between Member States and, in particular, between their police and judicial authorities is essential for conducting effective investigations in cyberspace and obtaining electronic evidence;

Or. fr

Amendment 60

Gérard Deprez, Louis Michel, Hilde Vautmans, Petr Ježek

Motion for a resolution

Recital E b (new)

Motion for a resolution

Amendment

Eb. whereas there is a need to enhance existing exchange between judicial

authorities and experts in the field of cybercrime and investigations in cyberspace expressed most recently by practitioners in the context of the Illegal Trade on Online Marketplaces (ITOM) Project, as highlighted in the Council conclusions of 9 June 2016;

Or. fr

Amendment 61
Eleftherios Synadinos

Motion for a resolution
Recital ΣΤ

Motion for a resolution

F. whereas the TELE2 judgment of the CJEU imposes stringent limits on police and judicial access to the data of cybercrime suspects;

Amendment

F. whereas the TELE2 judgment of the CJEU imposes stringent limits on police and judicial access to the data of cybercrime suspects, ***given that Member States are not entitled to require the general and indiscriminate storage by service providers of electronic messaging data, since this would be in breach of Articles 7, 8 and 52(1) of the Charter of Fundamental Rights of the European Union; the admissibility of data retention must be assessed in the light of the principles of necessity and proportionality, as well as the rules governing data access, protection and security and the length of time for which data may be stored;***

Or. el

Amendment 62
Elissavet Vozemberg-Vrionidi, Axel Voss, Barbara Matera

Motion for a resolution
Recital F

Motion for a resolution

F. whereas the *TELE2 judgment* of the CJEU imposes stringent limits on *police and judicial access to the data of cybercrime suspects*;

Amendment

F. whereas the *annulment of the Data Retention Directive by the CJEU in its ruling of 8 April 2014 as well as the prohibition of general and indiscriminate data retention as confirmed by the ruling of the CJEU in its TELE2 judgment of 21 December 2016* imposes stringent limits on *access of competent authorities to data and thereby affects their ability to effectively prosecute criminal activity online*;

Or. en

Amendment 63

Gérard Deprez, Louis Michel, Hilde Vautmans, Petr Ježek

Motion for a resolution

Recital F

Motion for a resolution

F. whereas the TELE2 judgment of the CJEU imposes stringent limits on police and judicial access to the data of cybercrime suspects;

Amendment

F. whereas the TELE2 judgment of the CJEU, *while confirming that data retention is an essential tool in the fight against serious crime and terrorism*, imposes stringent limits on police and judicial access to the data of cybercrime suspects;

Or. fr

Amendment 64

Jan Philipp Albrecht

Motion for a resolution

Recital F

Motion for a resolution

F. whereas the TELE2 judgment of the CJEU imposes stringent limits on

Amendment

F. whereas the TELE2 judgment of the CJEU imposes stringent limits on

police and judicial access to the data of
cybercrime suspects;

police and judicial access to the data of
cybercrime suspects *and outlaws blanket
and non-targeted data retention;*

Or. en

Amendment 65
Cornelia Ernst

Motion for a resolution
Recital F

Motion for a resolution

F. whereas the TELE2 judgment of
the CJEU imposes stringent limits on
police and judicial access to *the data of
cybercrime suspects;*

Amendment

F. whereas the TELE2 judgment of
the CJEU imposes stringent limits on *the
processing of bulk telecommunications
data as well as* police and judicial access to
that data;

Or. en

Amendment 66
Miriam Dalli, Tanja Fajon, Péter Niedermüller

Motion for a resolution
Recital F a (new)

Motion for a resolution

*Fa. Whereas the Max Schrems
judgment of the CJEU highlights that
mass surveillance is a breach of
fundamental rights;*

Amendment

Or. en

Amendment 67
Luigi Morgano

Motion for a resolution
Recital G

Motion for a resolution

G. whereas children are particularly vulnerable to online grooming **and other forms of** sexual exploitation online and therefore require special protection;

Amendment

G. whereas children are particularly vulnerable to online grooming, **be it linked with sexual abuse**, sexual exploitation **or child pornography** online, **as well as to the influence of dangerous campaigns intended to promote various kinds of self-harm, in some cases extreme as in the case of “blue whale”**, and therefore require special protection **and specific education for a healthy use of the Internet**;

Or. en

Amendment 68

Gérard Deprez, Louis Michel, Hilde Vautmans, Petr Ježek

Motion for a resolution

Recital G

Motion for a resolution

G. whereas children are particularly vulnerable to online grooming and other forms of sexual exploitation online and therefore require special protection;

Amendment

G. whereas children are **using the internet at an increasingly early age and are** particularly vulnerable to online grooming and other forms of sexual exploitation online, **misuse of personal data, hate messages, online harassment and other forms of abuse** and therefore require special protection;

Or. fr

Amendment 69

Eleftherios Synadinos

Motion for a resolution

Recital Z

Motion for a resolution

G. whereas children are particularly vulnerable **to** online **grooming** and other

Amendment

G. whereas children are particularly vulnerable **when exposed to certain risks**

forms of *sexual exploitation online* and therefore require special protection;

arising from unsupervised use of the Internet, including online sexual advances and other forms of exploitation in the digital domain, and therefore require special protection;

Or. el

Amendment 70
Carlos Coelho, Elissavet Vozemberg-Vrionidi

Motion for a resolution
Recital G

Motion for a resolution

G. whereas children are particularly vulnerable to online grooming and other forms of sexual exploitation online and therefore require special protection;

Amendment

G. whereas children are particularly vulnerable to *cyber bullying*, online grooming and other forms of sexual exploitation online and therefore require special protection;

Or. en

Amendment 71
Miltiadis Kyrkos

Motion for a resolution
Recital Z a (new)

Motion for a resolution

Ga. whereas sexual abuse and sexual exploitation of children, including child abuse images, constitute very serious violations of fundamental rights;

Or. el

Amendment 72
József Nagy

Motion for a resolution
Recital G a (new)

Motion for a resolution

Amendment

Ga. *Whereas through the cyberspace, online perpetrators can find and groom victims faster via chat rooms, emails, online games and social networking sites.*

Or. en

Amendment 73
József Nagy

Motion for a resolution
Recital G b (new)

Motion for a resolution

Amendment

Gb. *Whereas according to the 2016 Internet Organised Crime Threat Assessment (IOCTA), the annual presentation of the cybercrime threat landscape by EUROPOL's European Cybercrime Centre (C3), the use of the internet as a platform for child sex offenders to communicate, store and share child sexual exploitation material and to hunt for new victims continues to be one of the internet's most damaging and abhorrent aspects.*

Or. en

Amendment 74
Miltiadis Kyrkos

Motion for a resolution
Recital Z b (new)

Motion for a resolution

Amendment

Gb. *whereas the Dark Net is increasingly used for the sexual*

*exploitation and abuse of children,
making it impossible to detect
perpetrators;*

Or. el

Amendment 75
József Nagy

Motion for a resolution
Recital G c (new)

Motion for a resolution

Amendment

*Gc. Whereas there are two main types
of sexual coercion and extortion: for
sexual purposes, and financially driven,
with an economic motivation.*

Or. en

Amendment 76
József Nagy

Motion for a resolution
Recital G d (new)

Motion for a resolution

Amendment

*Gd. Whereas peer-to-peer (P2P)
networks and anonymised access like
Darknet networks remain the main
platforms to access child sexual
exploitation materials and the principal
means for non-commercial distribution.*

Or. en

Amendment 77
József Nagy

Motion for a resolution

Recital G e (new)

Motion for a resolution

Amendment

Ge. Whereas the growing trend of sexual coercion and extortion is still understudied and underreported, mostly due to the nature of crime, including the shame and guilt felt by the victims.

Or. en

Amendment 78

József Nagy

Motion for a resolution

Recital G f (new)

Motion for a resolution

Amendment

Gf. Whereas live distant child abuse is still being reported as a growing threat. Live distant child abuse has the most obvious links with commercial distribution of child sexual exploitation materials.

Or. en

Amendment 79

Miriam Dalli, Tanja Fajon

Motion for a resolution

Recital H

Motion for a resolution

Amendment

H. whereas awareness about the risks posed by cybercrime has increased, but precautionary measures, both on the part of individual users and of business, remain absent; ***deleted***

Or. en

Amendment 80
Eleftherios Synadinos

Motion for a resolution
Recital H

Motion for a resolution

H. whereas awareness about the risks posed by cybercrime has increased, but precautionary measures, both on the part of individual users and of business, remain absent;

Amendment

H. whereas awareness about the risks posed by cybercrime has increased, but **adequate** precautionary measures **backed-up by deterrents**, both on the part of individual users and of business, remain absent; **whereas, despite the action taken in response to this by individuals, companies or other legal persons using the net, this does not provide sufficient protection or deterrence against the new methods being used by cybercriminals, particularly given the technical resources already available and the exponential development of technology in this field;**

Or. el

Amendment 81
Ana Gomes

Motion for a resolution
Recital H

Motion for a resolution

H. whereas awareness about the risks posed by cybercrime has increased, but precautionary measures, **both** on the part of individual users **and of** business, remain **absent**;

Amendment

H. whereas awareness about the risks posed by cybercrime has increased, but precautionary measures, on the part of individual users, **public institutions and** business, remain **insufficient, due namely to lack of knowledge and resources**;

Or. en

Amendment 82
Cornelia Ernst

Motion for a resolution
Recital H

Motion for a resolution

H. whereas awareness about the risks posed by cybercrime has increased, but ***precautionary*** measures, both on the part of individual users and of business, remain ***absent***;

Amendment

H. whereas awareness about the risks posed by cybercrime has increased, but ***security*** measures, both on the part of ***state institutions***, individual users and of business, remain ***insufficient***;

Or. en

Amendment 83
Jan Philipp Albrecht

Motion for a resolution
Recital H

Motion for a resolution

H. whereas awareness about the risks posed by cybercrime has increased, but precautionary measures, both on the part of individual users and of business, remain ***absent***;

Amendment

H. whereas awareness about the risks posed by cybercrime has increased, but precautionary measures, both on the part of individual users and of business, remain ***by far not adequate yet***;

Or. en

Amendment 84
Eleftherios Synadinos

Motion for a resolution
Recital Θ

Motion for a resolution

I. whereas the constantly growing ***interconnectedness of people, places and things makes Internet of Things (IoT) devices an ideal*** target for cybercriminals;

Amendment

I. whereas the constantly growing ***symbiosis between people, devices and other objects, including the resulting data output on the Internet of Things within the shared global system of***

interconnected networks and even more so on private or more limited Intranet of Things networks, using frequently classified online technologies and providing comparatively more valuable data, make the system a target for cybercriminals, particularly where weak or vulnerable areas can be identified, and all the more so where security systems are inadequate, have not been upgraded or updated or are not being properly deployed by users;

Or. el

Amendment 85

Miriam Dalli, Tanja Fajon, Cătălin Sorin Ivan, Miltiadis Kyrkos, Péter Niedermüller

Motion for a resolution

Recital I

Motion for a resolution

I. whereas the constantly growing interconnectedness of people, places and things *makes* Internet of Things (IoT) devices an ideal target for cybercriminals;

Amendment

I. whereas the constantly growing interconnectedness of people, places and things *presents an increased risk of cybercrime as the* Internet of Things (IoT) devices *are often not as well protected, sometimes even not protected at all, as traditional devices connected to the internet and as such are* an ideal target for cybercriminals, *especially as the regime for security updates for connected devices is often patchy and sometimes lacking completely;*

Or. en

Amendment 86

Anneleen Van Bossuyt

on behalf of the Committee on the Internal Market and Consumer Protection

Motion for a resolution

Recital I

Motion for a resolution

I. whereas the constantly growing interconnectedness of people, places and things **makes** Internet of Things (IoT) devices an ideal target for cybercriminals;

Amendment

I. whereas the constantly growing interconnectedness of people, places and things **presents an increased risk of cybercrime as the** Internet of Things (IoT) devices **are often not as well protected as traditional devices connected to the internet and as such are** an ideal target for cybercriminals;

Or. en

Amendment 87
Jan Philipp Albrecht

Motion for a resolution
Recital I

Motion for a resolution

I. whereas the constantly growing interconnectedness of people, places and things **makes** Internet of Things (IoT) devices an ideal target for cybercriminals;

Amendment

I. whereas the constantly growing interconnectedness of people, places and things **makes** Internet of Things (IoT) devices an ideal target for cybercriminals; **whereas hacked IoT devices that not only have sensors, but have or can control physical actuators, may represent a concrete threat to the lives of human beings;**

Or. en

Amendment 88
Cornelia Ernst

Motion for a resolution
Recital I

Motion for a resolution

I. whereas the constantly growing interconnectedness of **people, places and**

Amendment

I. whereas the constantly growing interconnectedness of **devices and the notorious absence of security updates**

things makes Internet of Things (IoT) devices an ideal target for cybercriminals;

makes Internet of Things (IoT) devices an ideal target for cybercriminals;

Or. en

Amendment 89
Jan Philipp Albrecht

Motion for a resolution
Recital I a (new)

Motion for a resolution

Amendment

Ia. whereas the protection of fundamental rights is a key objective of the Union, and necessary to achieve the trust that enables the European digital single market to flourish, because it creates the confidence that data and services are safe not only from cybercrime, but also from disproportionate public authority interferences with such rights.

Or. en

Amendment 90
Nathalie Griesbeck

Motion for a resolution
Recital I a (new)

Motion for a resolution

Amendment

Ia. whereas the fight against cybercrime and against illegal activities online should not hinder the positive process provided by a free and open cyberspace, offering new possibilities for the sharing of knowledge and the promotion of political and social inclusion worldwide

Or. en

Amendment 91

Elissavet Vozemberg-Vrionidi, Michał Boni, Axel Voss, Carlos Coelho, Barbara Matera, Anna Maria Corazza Bildt

Motion for a resolution

Recital I a (new)

Motion for a resolution

Amendment

Ia. Whereas the fight against cybercrime is a priority under the European Agenda on Security of 28 April 2015, which includes a commitment from the Commission to review obstacles to cybercrime investigations, notably on rules on access to evidence and information;

Or. en

Amendment 92

Ana Gomes

Motion for a resolution

Recital I a (new)

Motion for a resolution

Amendment

Ia. Whereas the fight against cybercrime must respect the same procedural and substantive guarantees and fundamental rights, namely regarding data protection and freedom of speech, as the fight against any other areas of crime.;

Or. en

Amendment 93

Cornelia Ernst

Motion for a resolution

Recital I a (new)

Motion for a resolution

Amendment

Ia. whereas free and open source software facilitates research and innovation in IT security; whereas free and open source software plays a crucial role for IT security on the internet and on users' devices today;

Or. en

Amendment 94

Miriam Dalli, Cătălin Sorin Ivan, Tanja Fajon

Motion for a resolution

Recital I a (new)

Motion for a resolution

Amendment

Ia. Whereas it is estimated that 36 billion dollars will be invested in wireless technology for automobiles by 2018.

Or. en

Amendment 95

Ana Gomes

Motion for a resolution

Subheading 1 a (new)

Motion for a resolution

Amendment

Strongly believes the cybersecurity threats faced by the EU are common and cannot be addressed by a Member State alone and is convinced that the EU's resilience will be stronger as Member States stay united and pool and share resources; calls on the Member States to show full political engagement, cooperate to this

end and invest significantly and urgently to address the critical needs;

Or. en

Amendment 96
Jan Philipp Albrecht

Motion for a resolution
Paragraph –1 (new)

Motion for a resolution

Amendment

-1. Underlines that the fight against cybercrime should be first and foremost about safeguarding and hardening critical infrastructures and other networked devices, and not only about elaborating repressive actions;

Or. en

Amendment 97
Eleftherios Synadinos

Motion for a resolution
Paragraph 1

Motion for a resolution

Amendment

1. Stresses that the sharp increase in ransomware, botnets *and* the unauthorised impairment of computer systems has an impact on the availability and integrity of personal data, *as well as on* the protection of privacy and fundamental freedoms;

1. Stresses that the sharp increase in ransomware *using malicious bots or, more frequently, various types of automated network* (botnets) , *which may be used to launch a coordinated digital attack or for* the unauthorised impairment of, *or interference with*, computer systems has an impact *that varies widely depending* on the *specific circumstances; stresses that such incidents may temporarily or permanently affect the* availability and integrity of personal data *or other sensitive data, including data relating to industrial property, security*, the protection of

privacy and fundamental freedoms, *the economic and logistical sustainability of companies and businesses because of the expected direct and indirect damage sustained and related costs incurred, possibly harming the reputation and prestige of victims, the availability of digital and online services, confidence in private and public security efforts, innovation and creativity in sectors coming under attack and public receptiveness to both specific services and digital innovation in general;*

Or. el

Amendment 98

Miriam Dalli, Tanja Fajon, Péter Niedermüller, Miltiadis Kyrkos, Cătălin Sorin Ivan

Motion for a resolution

Paragraph 1

Motion for a resolution

1. Stresses that the sharp increase in ransomware, botnets and the unauthorised impairment of computer systems has an impact on the availability and integrity of personal data, as well as on the protection of privacy and fundamental freedoms;

Amendment

1. Stresses that the sharp increase in ransomware, botnets and the unauthorised impairment of computer systems has an impact on the availability and integrity of *not only* personal data, as well as on the protection of privacy and fundamental freedoms, *but also the integrity of critical infrastructure including, but not limited to, energy and electricity supply and financial structures such as the stock exchange, which could have dire consequences for societal and governmental order;*

Or. en

Amendment 99

John Procter

Motion for a resolution

Paragraph 1

Motion for a resolution

1. Stresses that the sharp increase in ransomware, botnets and the unauthorised impairment of computer systems has an impact on the availability and integrity of personal data, as well as on the protection of privacy and fundamental freedoms;

Amendment

1. Stresses that the sharp increase in ransomware, botnets and the unauthorised impairment of computer systems has an impact on the availability and integrity of personal data, as well as on the protection of privacy and fundamental freedoms, ***as exemplified by the May 2017 WannaCry ransomware attack which affected more than 300,000 machines across 150 countries;***

Or. en

Amendment 100

Michał Boni, Elissavet Vozemberg-Vrionidi, Carlos Coelho

Motion for a resolution

Paragraph 1

Motion for a resolution

1. Stresses that the sharp increase in ransomware, botnets and the unauthorised impairment of computer systems has an impact on the availability and integrity of personal data, as well as on the protection of privacy and fundamental freedoms;

Amendment

1. Stresses that the sharp increase in ransomware, botnets and the unauthorised impairment of computer systems has an impact on the ***security of individuals, the*** availability and integrity of ***their*** personal data, as well as on the protection of privacy and fundamental freedoms;

Or. en

Amendment 101

Miriam Dalli, Tanja Fajon, Cătălin Sorin Ivan, Miltiadis Kyrkos, Péter Niedermüller

Motion for a resolution

Paragraph 1 a (new)

Motion for a resolution

Amendment

1 a. Stresses the need to streamline common definitions of cybercrime, cyber

warfare, cybersecurity, cyber harassment and cyber attacks to ensure a common legal definition is shared by the EU institutions and EU Member States.

Or. en

Amendment 102

Gérard Deprez, Louis Michel, Hilde Vautmans, Petr Ježek

Motion for a resolution

Paragraph 1 a (new)

Motion for a resolution

Amendment

1a. Recalls that the fight against cybercrime is a priority under the European Agenda on Security of 28 April 2015;

Or. fr

Amendment 103

Eleftherios Synadinos

Motion for a resolution

Paragraph 2

Motion for a resolution

Amendment

2. Reiterates the importance of *the legal* measures taken *at European level to harmonise the definition of* offences linked to attacks against information systems *as well as to child sexual exploitation online and to oblige* the Member States *to set up a* system for the recording, production and provision of statistical data on these offences;

2. Reiterates the importance of *all* measures taken *to harmonise the definitions related to cybercrime in general and, more specifically,* offences linked to attacks against information systems, *under the supervision of the of the European Cybercrime Centre (EC3) of the European Police Office (Europol) and with the effective participation and assistance of users, more particularly professionals and researchers in the digital and technological sectors concerned, with particular emphasis on security; calls on all the Member State*

authorities and their European institutional counterparts, including the judiciary, police, prosecution authorities and intelligence services, to examine whether the setting up of system for the recording, production and provision of statistical data on these offences *would be appropriate or fit for purpose and in what form;*

Or. el

Amendment 104
Luigi Morgano

Motion for a resolution
Paragraph 2

Motion for a resolution

2. Reiterates the importance of the legal measures taken at European level to harmonise the definition of offences linked to attacks against information systems as well as to **child** sexual exploitation online and to oblige the Member States to set up a system for the recording, production and provision of statistical data on these offences;

Amendment

2. Reiterates the importance of the legal measures taken at European level to harmonise the definition of offences linked to attacks against information systems as well as to **sexual abuse and** sexual exploitation **of children and child pornography** online and to oblige the Member States to set up a system for the recording, production and provision of statistical data on these offences;

Or. en

Amendment 105
Miriam Dalli, Tanja Fajon

Motion for a resolution
Paragraph 2

Motion for a resolution

2. Reiterates the importance of the legal measures taken at European level to harmonise the definition of offences linked

Amendment

2. Reiterates the importance of the legal measures taken at European level to harmonise the definition of offences linked

to attacks against information systems as well as to child sexual *exploitation online and to oblige the Member States to set up a system for the recording, production and provision of statistical data on these offences;*

to attacks against information systems as well as to child sexual *abuse and exploitation online*

Or. en

Amendment 106
Maria Grapini

Motion for a resolution
Paragraph 2

Motion for a resolution

2. Reiterates the importance of the legal measures taken at European level to harmonise the definition of offences linked to attacks against information systems as well as to child sexual exploitation online and to oblige the Member States to set up a system for the recording, production and provision of statistical data on these offences;

Amendment

2. Reiterates the importance of the legal measures taken at European level to harmonise the definition of offences linked to attacks against information systems as well as to child sexual exploitation online and to oblige the Member States to set up a system for the recording, production and provision of statistical data on these offences *with a view to efficient action to combat offences;*

Or. ro

Amendment 107
Marine Le Pen, Gilles Lebreton

Motion for a resolution
Paragraph 2

Motion for a resolution

2. Reiterates the importance of the legal measures taken at European level to harmonise the definition of offences linked to attacks against information systems as well as to child sexual exploitation online and to *oblige* the Member States *to* set up a

Amendment

2. Reiterates the importance of the legal measures taken at European level to harmonise the definition of offences linked to attacks against information systems as well as to child sexual exploitation online and to *propose that* the Member States set

system for the recording, production and provision of statistical data on these offences;

up a system for the recording, production and provision of statistical data on these offences;

Or. fr

Amendment 108
Luigi Morgano

Motion for a resolution
Paragraph 2 a (new)

Motion for a resolution

Amendment

2a. Cautions against the use of the expression "child sexual abuse materials" as a replacement of the wording "child pornography" - the latter as defined in Recital 9 of Directive 2011/92/EU; points out that, while on the one hand the expression "child sexual abuse materials" correctly aims to underline that this material is always abusive in nature because it relates to minors, on the other hand, in legal terms and as enshrined in international instruments, the wording "child pornography" appears to have a wider scope and therefore to be more protective of children, since it not only relates to the sexual abuse of children, but also includes the production or use of images of children for primarily sexual purposes, with or without the child's knowledge;

Or. en

Amendment 109
Eleftherios Synadinos

Motion for a resolution
Paragraph 2 a (new)

Motion for a resolution

Amendment

2a. *Calls on the Member State and EU authorities, under the guidance of ENISA and Europol's EC3, acting as a hub of information and expertise, to identify shortcomings in cooperation between the security services of the Union, highlighting those areas where duplication of effort is proving detrimental to rapid, smooth and trouble-free cooperation and to come up with joint proposals regarding the legal aspects of cybersecurity that are in need of clarification;*

Or. el

Amendment 110

Elissavet Vozemberg-Vrionidi, Michal Boni, Axel Voss, Barbara Matera, Anna Maria Corazza Bildt

Motion for a resolution

Paragraph 2 a (new)

Motion for a resolution

Amendment

2a. *Strongly urges those Member States that have not yet done so to transpose Directive 2011/93/EU on combating the sexual abuse and sexual exploitation of children and child pornography; calls on the Commission to strictly monitor its full and effective implementation, and to report back to Parliament, and its committee responsible, on its findings in a timely manner;*

Or. en

Amendment 111

Carlos Coelho, Elissavet Vozemberg-Vrionidi

Motion for a resolution
Paragraph 2 a (new)

Motion for a resolution

Amendment

2 a. Recalls Member States of a swift, fast and correct implementation of the Directive 2011/92/EU of the European Parliament and of the Council of 13 December 2011 on combating the sexual abuse and sexual exploitation of children and child pornography, and replacing Council Framework Decision 2004/68/JHA

Or. en

Amendment 112
Eleftherios Synadinos

Motion for a resolution
Paragraph 3

Motion for a resolution

Amendment

3. ***Deplores*** that cyber-attacks against businesses often remain undetected or unreported; ***believes*** that the obligation to ***disclose*** security breaches ***introduced by the GDPR will help to address this problem***;

3. ***Expresses its concern*** that cyber-attacks against businesses often remain undetected or unreported; ***strongly regrets the fact that companies providing digital services or managing electronic data often do not immediately notify users directly involved or concerned that the security of their network and, quite possibly, their data security have been compromised, thereby enabling them to take remedial action and decide on a course of action in full knowledge of the facts; considers that companies have an obligation to notify users of security breaches affecting them and to facilitate law enforcement while ensuring the protection of data, including confidential corporate or industrial data, insofar as such cooperation does not adversely affect the company, does not create disproportionate costs or administrative burdens in relation to the***

size of the company and is in proportion to the extent, gravity and impact of cyber-attack;

Or. el

Amendment 113

Elissavet Vozemberg-Vrionidi, Michał Boni, Axel Voss, Carlos Coelho, Barbara Matera

Motion for a resolution

Paragraph 3

Motion for a resolution

3. Deplores that cyber-attacks against businesses often remain undetected or unreported; believes that the obligation to disclose security breaches introduced by the GDPR will help to address this problem;

Amendment

3. Deplores that *half of the companies in Europe have experienced at least one cyber security incident and that* cyber-attacks against businesses often remain undetected or unreported; believes that the obligation to disclose security breaches introduced by the GDPR will help to address this problem;

Or. en

Amendment 114

Maria Grapini

Motion for a resolution

Paragraph 3

Motion for a resolution

3. Deplores that cyber-attacks against businesses often remain undetected or unreported; believes that the obligation to disclose security breaches introduced by the GDPR will help to address this problem;

Amendment

3. Deplores that cyber-attacks against businesses *or public institutions* often remain undetected or unreported; believes that the obligation to disclose security breaches introduced by the GDPR will help to address this problem *and will support businesses, particularly SMEs;*

Or. ro

Amendment 115
Beatrix von Storch

Motion for a resolution
Paragraph 3

Motion for a resolution

3. Deplores that cyber-attacks against businesses often remain undetected or unreported; ***believes that the obligation to disclose security breaches introduced by the GDPR will help to address this problem;***

Amendment

3. Deplores that cyber-attacks against businesses often remain undetected or unreported;

Or. en

Amendment 116
Monika Hohlmeier, Rachida Dati

Motion for a resolution
Paragraph 3

Motion for a resolution

3. Deplores that cyber-attacks against businesses often remain undetected or unreported; believes that the obligation to disclose security breaches introduced by the GDPR will help to address this problem;

Amendment

3. Deplores that cyber-attacks against businesses often remain undetected or unreported; believes that the obligation to disclose security breaches ***and to share information on risks*** introduced by the GDPR ***and the NIS directive*** will help to address this problem;

Or. en

Amendment 117
John Procter

Motion for a resolution
Paragraph 3

Motion for a resolution

3. Deplores that cyber-attacks against businesses often remain undetected or

Amendment

3. Deplores that cyber-attacks against businesses often remain undetected or

unreported; believes that the obligation to disclose security breaches introduced by the GDPR will help to address this problem;

unreported; believes that the obligation to disclose security breaches introduced by the GDPR *and the NIS Directive* will help to address this problem;

Or. en

Amendment 118

Axel Voss, Elissavet Vozemberg-Vrionidi

Motion for a resolution

Paragraph 3

Motion for a resolution

3. Deplores that cyber-attacks against businesses often remain undetected or unreported; believes that the obligation to disclose security breaches introduced by the GDPR will help to address this problem;

Amendment

3. Deplores that cyber-attacks against businesses often remain undetected or unreported; believes that the obligation to disclose security breaches introduced by the GDPR *and the NIS Directive* will help to address this problem;

Or. en

Amendment 119

Elissavet Vozemberg-Vrionidi, Michal Boni, Axel Voss, Carlos Coelho, Barbara Matera

Motion for a resolution

Paragraph 3 a (new)

Motion for a resolution

Amendment

3a. Is highly concerned with the recent global ransomware attack, which appeared to have affected tens of thousands computers in nearly 100 countries and numerous organisations, inter alia the National Health Service (NHS) in the UK, the highest-profile victim of this extensive malware hit; recognises, in this context, the important work of the No More Ransom (NMR) initiative which provides over 40 free decryption tools allowing victims of

ransomware worldwide to decrypt their affected devices;

Or. en

Amendment 120
Nadine Morano

Motion for a resolution
Paragraph 3 a (new)

Motion for a resolution

Amendment

3a. *Points out that, according to various studies, cyberattacks are costing between USD 300 billion and USD 600 billion a year in losses to the global economy;*

Or. fr

Amendment 121
Miriam Dalli, Tanja Fajon

Motion for a resolution
Paragraph 4

Motion for a resolution

Amendment

4. *Stresses that the constantly changing nature of the cyber-threat landscape presents all stakeholders with serious legal and technological challenges; points, in particular, to the increasing misuse of privacy-enhancing technologies such as onion-routing and the Darknet, as well as to the growing threats posed by hackers sponsored by non-friendly foreign states or extremist political or religious organisations;*

deleted

Or. en

Amendment 122
Eleftherios Synadinos

Motion for a resolution
Paragraph 4

Motion for a resolution

4. Stresses that the constantly changing nature of the cyber-threat landscape presents all stakeholders with serious ***legal and technological*** challenges; ***points, in particular, to the increasing misuse of privacy-enhancing technologies such as onion-routing and the Darknet, as well as to the growing threats posed by hackers sponsored by non-friendly foreign states or extremist political or religious organisations;***

Amendment

4. Stresses that the constantly changing nature of the cyber-threat landscape presents all stakeholders with serious challenges ***in different areas, including, but not limited to, questions of a moral, ethical, legal, technical, technological, institutional and political nature;***

Or. el

Amendment 123
Nathalie Griesbeck

Motion for a resolution
Paragraph 4

Motion for a resolution

4. Stresses that the constantly changing nature of the cyber-threat landscape presents all stakeholders with serious legal and technological challenges; points, in particular, ***to the increasing misuse of privacy-enhancing technologies such as onion-routing and the Darknet, as well as*** to the growing threats posed by hackers sponsored by non-friendly foreign states or extremist political or religious organisations;

Amendment

4. Stresses that the constantly changing nature of the cyber-threat landscape presents all stakeholders with serious legal and technological challenges; points, in particular to the growing threats posed by hackers sponsored by non-friendly foreign states or extremist political or religious organisations;

Or. en

Amendment 124
Jan Philipp Albrecht

Motion for a resolution
Paragraph 4

Motion for a resolution

4. Stresses that the constantly changing nature of the cyber-threat landscape presents all stakeholders with serious legal and technological challenges; points, in particular, to the ***increasing misuse of privacy-enhancing technologies such as onion-routing and the Darknet, as well as to the*** growing threats posed by hackers sponsored by non-friendly foreign states or extremist political or religious organisations;

Amendment

4. Stresses that the constantly changing nature of the cyber-threat landscape presents all stakeholders with serious legal and technological challenges; points, in particular, to the growing threats posed by hackers sponsored by non-friendly foreign states or extremist political or religious organisations;

Or. en

Amendment 125
Cornelia Ernst

Motion for a resolution
Paragraph 4

Motion for a resolution

4. Stresses that the constantly changing nature of the cyber-threat landscape presents all stakeholders with serious legal and technological challenges; points, in particular, to the ***increasing misuse of privacy-enhancing technologies such as onion-routing and the Darknet, as well as to the*** growing threats posed by hackers sponsored by non-friendly foreign states or extremist political or religious organisations;

Amendment

4. Stresses that the constantly changing nature of the cyber-threat landscape presents all stakeholders with serious legal and technological challenges; points, in particular, to the growing threats posed by hackers sponsored by non-friendly foreign states or extremist political or religious organisations;

Or. en

Amendment 126
Carlos Coelho

Motion for a resolution
Paragraph 4

Motion for a resolution

4. Stresses that the constantly changing nature of the cyber-threat landscape presents all stakeholders with serious legal and technological challenges; points, in particular, to the increasing misuse of *privacy-enhancing technologies* such as onion-routing and the Darknet, as well as to the growing threats posed by hackers sponsored by non-friendly foreign states or extremist political or religious organisations;

Amendment

4. Stresses that the constantly changing nature of the cyber-threat landscape presents all stakeholders with serious legal and technological challenges; points, in particular, to the increasing misuse of *techniques* such as onion-routing and the Darknet, as well as to the growing threats posed by hackers sponsored by non-friendly foreign states or extremist political or religious organisations;

Or. en

Amendment 127
Miriam Dalli, Tanja Fajon, Péter Niedermüller

Motion for a resolution
Paragraph 4 a (new)

Motion for a resolution

4a. Stresses that the constantly changing nature of the cyber-threat landscape presents all stakeholders with serious legal and technological challenges; believes that such challenges are harder to overcome if the potential of new technologies is seen as a threat; believes that communities which engage in ICT activities should be encouraged to join in the fight against cybercrime through the encouragement of ‘white-hat hacking’.

Amendment

Or. en

Amendment 128
Eleftherios Synadinos

Motion for a resolution
Paragraph 4 a (new)

Motion for a resolution

Amendment

4a. *Notes that enhanced privacy applications may be misused for criminal purposes and it is therefore essential to develop appropriate methods and devices to counter this; calls for necessary investments in security to be continued so as to ensure that these applications are fit for purpose, up to date and more widely utilised;*

Or. el

Amendment 129
Jan Philipp Albrecht

Motion for a resolution
Paragraph 4 a (new)

Motion for a resolution

Amendment

4a. *Underlines that the Darknet and onion-routing also provide a free space for journalists, political campaigners and human rights defenders in certain countries to avoid detection by repressive state authorities;*

Or. en

Amendment 130
Eleftherios Synadinos

Motion for a resolution
Paragraph 4 b (new)

Motion for a resolution

Amendment

4b. *Points out that we are now in a rapidly changing environment in which the networks used by cybercriminals immediately seek to take advantage of new technological and non-technological loopholes to evade traditional law enforcement procedures; stresses that new challenges require innovative and flexible responses on the part of the institutions and regulatory bodies involved;*

Or. el

Amendment 131

Miriam Dalli, Tanja Fajon, Miltiadis Kyrkos

Motion for a resolution

Paragraph 5

Motion for a resolution

Amendment

5. *Notes that the recourse of extremists to cybercrime tools and services is still limited; highlights, however, that this is likely to change in light of the growing links between terrorism and organised crime and the wide availability of firearms and explosive precursors on the Darknet;*

deleted

Or. en

Amendment 132

Cornelia Ernst

Motion for a resolution

Paragraph 5

Motion for a resolution

Amendment

5. *Notes that the recourse of extremists to cybercrime tools and services is still limited; highlights, however, that this is likely to change in light of the*

deleted

growing links between terrorism and organised crime and the wide availability of firearms and explosive precursors on the Darknet;

Or. en

Amendment 133
Eleftherios Synadinos

Motion for a resolution
Paragraph 5

Motion for a resolution

5. Notes that *the recourse of extremists to cybercrime tools and services is still limited; highlights, however, that this is likely to change in light of the growing links between terrorism and organised crime and the wide availability of firearms and explosive precursors on the Darknet;*

Amendment

5. Notes that, *despite the a number of indications relating to isolated incidents, systematic recourse by terrorist extremists to tools and services offered by other cybercriminal networks has not been flagged in reports or suggested by evidence to date; notes, however the existing and growing direct links between terrorism and organised crime, making it probable that instruments suitable for this purpose that are available in cyberspace or on the Dark Net are being used mainly by isolated terrorists operating independently under an indirect chain of command; stresses that the use of cyberspace, and especially the Dark Net by terrorist and other organised criminal networks is focused primarily on cash-flow management, including money laundering and measures to generate revenue;*

Or. el

Amendment 134
Nathalie Griesbeck

Motion for a resolution
Paragraph 5

Motion for a resolution

5. Notes that the recourse of *extremists* to cybercrime tools and services is still limited; highlights, however, that this is likely to change in light of the growing links between terrorism and organised crime and the wide availability of firearms and explosive precursors on the Darknet;

Amendment

5. Notes that the recourse of *criminal and terrorist networks* to cybercrime tools and services is still limited; highlights, however, that this is likely to change in light of the growing links between terrorism and organised crime and the wide availability of firearms and explosive precursors on the Darknet;

Or. en

Amendment 135
Eleftherios Synadinos

Motion for a resolution
Paragraph 5 a (new)

Motion for a resolution

Amendment

5a. Acknowledges the increased risks posed by cybercriminals and hackers serving or protected by hostile foreign powers or extremist organisations; observes that criminals can cause disproportionate harm to key infrastructures, as well as financial losses and other damage, with a comparatively small logistical and cash outlay, in return for benefits or financial gain, depending on the resources deployed and objectives sought;

Or. el

Amendment 136
Elissavet Vozemberg-Vrionidi, Axel Voss, Barbara Matera, Anna Maria Corazza Bildt

Motion for a resolution
Paragraph 5 a (new)

Motion for a resolution

Amendment

5a. *Is concerned that the Internet will become a powerful tool for terrorists, who increasingly use it to share information, coordinate attacks, spread propaganda, raise funds and recruit; calls, for this reason, on the Member States to take the necessary measures in accordance with Directive 2017/541/EU in order to remove online terrorist content hosted or, where this is not feasible, to block access thereto within their territory;*

Or. en

Amendment 137
Ana Gomes

Motion for a resolution
Paragraph 5 a (new)

Motion for a resolution

Amendment

5a. *Strongly condemns any system interference undertaken or directed by a foreign nation or its agents to disrupt the democratic process of another country;*

Or. en

Amendment 138
Elissavet Vozemberg-Vrionidi, Axel Voss, Carlos Coelho, Barbara Matera

Motion for a resolution
Paragraph 5 b (new)

Motion for a resolution

Amendment

5b. *Underlines that cross-border requests for domain seizures, content takedowns and access to user data pose serious challenges that require urgent action, as the stakes involved are high; stresses in this context, that international human rights frameworks, which apply*

online as well as offline, represent a substantive benchmark at global level;

Or. en

Amendment 139
Eleftherios Synadinos

Motion for a resolution
Paragraph 6

Motion for a resolution

6. *Acknowledges* that technological advances in encryption allow legitimate users to better protect their data, *but points* out that malicious users deploy the same techniques to conceal their criminal activities and identities;

Amendment

6. *stresses that, despite their excellent, desirable and judicious applications, privacy protection devices using various enhanced encryption, anonymisation and pseudonymisation technologies, which are not by definition unlawful, could, given their potential, be widely misused in order to conceal or disguise a wide range of illegal or criminal activities; accepts that, for many individuals, the use of privacy enhancing technologies in cyberspace is one of the few sufficiently powerful and effective tools at their disposal in order to ensure, for example, the confidentiality of their communications and the safety of their banking or financial transactions; acknowledges in any case that* technological advances in encryption allow legitimate users to better protect their data, *while pointing* out that malicious users deploy the same techniques to conceal their criminal activities and identities;

Or. el

Amendment 140
Miriam Dalli, Tanja Fajon, Péter Niedermüller, Miltiadis Kyrkos

Motion for a resolution
Paragraph 6

Motion for a resolution

6. Acknowledges that technological advances in encryption allow *legitimate users to* better protect *their data*, but points out that *malicious users deploy the same techniques to conceal their criminal activities and identities*;

Amendment

6. Acknowledges that technological advances in encryption allow better *protection of data and communications*, but points out that *there are still notable gaps in securing communications and introducing end-to-end encryption to minimise the attack surface for malicious abuse*;

Or. en

Amendment 141
Maria Grapini

Motion for a resolution
Paragraph 6

Motion for a resolution

6. Acknowledges that technological advances in encryption allow legitimate users to better protect their data, but points out that malicious users deploy the same techniques to conceal their criminal activities and identities;

Amendment

6. Acknowledges that technological advances in encryption allow legitimate users to better protect their data, but points out that malicious users deploy the same techniques to conceal their criminal activities and identities; *stresses that the system for encrypting information generated when using mobile applications should be explicitly and clearly specified to make users aware of the possibility of encryption*;

Or. ro

Amendment 142
Elissavet Vozemberg-Vrionidi, Axel Voss, Barbara Matera, Anna Maria Corazza Bildt

Motion for a resolution
Paragraph 6

Motion for a resolution

Amendment

6. Acknowledges that technological advances in encryption allow legitimate users to better protect their data, but points out that malicious users deploy the same techniques to conceal their criminal activities and identities;

6. Acknowledges that technological advances in encryption allow legitimate users to better protect their data, but points out that malicious users, ***including terrorists and child sex offenders***, deploy the same techniques to conceal their criminal activities and identities, ***causing serious challenges for investigations***;

Or. en

Amendment 143
Cornelia Ernst

Motion for a resolution
Paragraph 6

Motion for a resolution

6. ***Acknowledges*** that technological advances in encryption ***allow legitimate*** users to better protect their data, ***but points out that malicious users deploy the same techniques to conceal their criminal activities and identities***;

Amendment

6. ***Underlines*** that technological advances in encryption ***improve the overall security of our information systems, including by allowing*** users, ***states and businesses*** to better protect their data, ***to secure the confidentiality of their communications and to secure*** their transactions;

Or. en

Amendment 144
Jan Philipp Albrecht

Motion for a resolution
Paragraph 6

Motion for a resolution

6. Acknowledges that technological advances in encryption allow ***legitimate users*** to better protect their data, but points out that malicious users deploy the same techniques to conceal their criminal activities and identities;

Amendment

6. Acknowledges that technological advances in encryption allow ***citizens*** to better protect their data ***and communications***, but points out that malicious users deploy the same techniques

to conceal their criminal activities and identities;

Or. en

Amendment 145
Nathalie Griesbeck

Motion for a resolution
Paragraph 6

Motion for a resolution

6. Acknowledges that technological advances in encryption allow *legitimate users* to better protect their data, *but* points out that *malicious users deploy the same techniques* to conceal *their* criminal activities *and identities*;

Amendment

6. Acknowledges that technological advances in encryption allow *end-users* to better protect their data, points out that *these techniques can be used to conceal identities and also* to conceal criminal activities *or for illegal purposes* ;

Or. en

Amendment 146
Michał Boni, Carlos Coelho

Motion for a resolution
Paragraph 6

Motion for a resolution

6. Acknowledges that technological advances in encryption allow legitimate users to better protect their data, but points out that malicious users *deploy the same* techniques to conceal their criminal activities and identities;

Amendment

6. Acknowledges that technological advances in encryption allow legitimate users to better protect their data, but points out that malicious users *might deploy similar* techniques to conceal their criminal activities and identities;

Or. en

Amendment 147
Elissavet Vozemberg-Vrionidi, Axel Voss, Barbara Matera

Motion for a resolution
Paragraph 6 a (new)

Motion for a resolution

Amendment

6a. *Stresses the need to ensure that law enforcement and judicial authorities have the expertise, tools, legislative and regulatory means at their disposal to disrupt the criminal business model, given that it is not always technically feasible to disclose the data or to circumvent the encryption used by cybercriminals;*

Or. en

Amendment 148

Elissavet Vozemberg-Vrionidi, Michał Boni, Axel Voss, Carlos Coelho, Barbara Matera, Anna Maria Corazza Bildt

Motion for a resolution
Paragraph 7

Motion for a resolution

Amendment

7. Calls on the Member States to step up their efforts in relation to victim identification and victim-centred services;

7. Calls on the Member States to step up their efforts in relation to victim identification and victim-centred services; ***Calls therefore for the setting up of related platforms as a matter of urgency and for the strengthening of existing databases within Europol with the aim of ensuring that all internet users are aware of the risks and know how to appeal for help in case they are illegally targeted online;***

Or. en

Amendment 149

Miriam Dalli, Tanja Fajon, Miltiadis Kyrkos, Cătălin Sorin Ivan, Péter Niedermüller

Motion for a resolution
Paragraph 7

Motion for a resolution

7. Calls on the Member States to step up their efforts in relation to victim identification and victim-centred services;

Amendment

7. Calls on the Member States to step up their efforts in relation to victim identification and victim-centred services, **and calls on the Commission to issue a study as to the implications of cross-border cybercrime on Directive 2012/29/EU.**

Or. en

Amendment 150

Gérard Deprez, Louis Michel, Hilde Vautmans, Petr Ježek

Motion for a resolution

Paragraph 7

Motion for a resolution

7. Calls on the Member States to step up their efforts in relation to victim identification and victim-centred services;

Amendment

7. Calls on the Member States to step up their efforts in relation to victim identification and victim-centred services **and to continue to support Europol's Victim Identification Task Force;**

Or. fr

Amendment 151

Eleftherios Synadinos

Motion for a resolution

Paragraph 7

Motion for a resolution

7. Calls on the Member States to **step up** their efforts in relation to victim identification and **victim-centred** services;

Amendment

7. Calls on the Member States to **continue** their efforts in relation to victim identification and **victim assistance and support** services;

Or. el

Amendment 152
Luigi Morgano

Motion for a resolution
Paragraph 7 a (new)

Motion for a resolution

Amendment

7a. Considering that children are making use of the Internet, a combination of instruments should be used to specifically counter cybercrimes against them: making available to their legal representatives a set of rules for safe Internet surfing; educational policies and formation/information of parents, educators and minors on the use of Internet; promoting a greater attention and participation of parents and educators to minors' Internet navigation; establishing so-called "cybercops"; granting to telecommunications authorities specific competences in monitoring the relationship between the Internet industry and minors; specific measures for online activities of perpetrators of paedophilia offences; creating and installing specific technical instruments of protection (e.g. filtering softwares) to be used by providers, schools and families;

Or. en

Amendment 153
Elissavet Vozemberg-Vrionidi, Michał Boni, Axel Voss, Carlos Coelho, Barbara Matera

Motion for a resolution
Paragraph 7 a (new)

Motion for a resolution

Amendment

7a. Underlines that the 2014 Europol IOCTA report describes the need for more

efficient and effective legal tools, taking into account the current limitations of the Mutual Legal Assistance Treaty (MLAT) process, and further harmonisation of legislation across the EU where appropriate;

Or. en

Amendment 154

Anneleen Van Bossuyt

on behalf of the Committee on the Internal Market and Consumer Protection

Motion for a resolution

Paragraph 7 a (new)

Motion for a resolution

Amendment

7a. Underlines that cybercrime severely undermines the functioning of the Digital Single Market in reducing trust in digital service providers, undermining cross-border transactions and in seriously harming the interests of consumers of digital services;

Or. en

Amendment 155

Nathalie Griesbeck

Motion for a resolution

Paragraph 7 a (new)

Motion for a resolution

Amendment

7a. Stresses that Cybersecurity strategies and measures can only be sound and effective if it is based on fundamental rights and freedoms as enshrined in the Charter of Fundamental Rights of the European Union and EU core values.

Amendment 156
József Nagy

Motion for a resolution
Paragraph 7 a (new)

Motion for a resolution

Amendment

7a. Fight against child sexual abuse on the Internet

Or. en

Amendment 157
József Nagy

Motion for a resolution
Paragraph 7 b (new)

Motion for a resolution

Amendment

7b. Considers that children's personal data online and offline must be duly protected and that children need to be informed in an easy and child-friendly way of the risks and consequences of using their personal data online;

Or. en

Amendment 158
József Nagy

Motion for a resolution
Paragraph 7 c (new)

Motion for a resolution

Amendment

7c. Calls for an action plan to protect children's rights online and offline in cyber space, and recalls that in fighting

cybercrime, law enforcement authorities need to pay special attention to crimes against children; stresses, in this connection, the need to strengthen judicial and police cooperation among the Member States, and with Europol and its European Cybercrime Centre (EC3), with a view to preventing and combating cybercrime, and in particular the online sexual exploitation of children;

Or. en

Amendment 159
József Nagy

Motion for a resolution
Paragraph 7 d (new)

Motion for a resolution

Amendment

7d. *Calls on the Commission and the Member States to launch an awareness campaign, involving all relevant actors and stakeholders, to empower children and support parents, caretakers and educators in understanding and handling online risks and protecting children's safety online, to support Member States in setting up online sexual abuse prevention programmes, to promote awareness-raising campaigns on responsible behaviour in the social media, and to encourage major search engines and social media networks to take a proactive approach to protecting child safety online;*

Or. en

Amendment 160
József Nagy

Motion for a resolution
Paragraph 7 e (new)

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Motion for a resolution

Amendment

7 e. *Stresses that illegal online content should be removed immediately on the basis of due legal process; highlights the role of information and communication technology, internet service providers and internet host providers in ensuring the fast and efficient removal of illegal online content at the request of the responsible law enforcement authority;*

Or. en

Amendment 161

József Nagy

Motion for a resolution

Paragraph 7 f (new)

Motion for a resolution

Amendment

7 f. *Calls on the Member States to implement Directive 2011/93/EU on combating sexual abuse and sexual exploitation of children and child pornography; calls on the law-enforcement authorities, both at national and EU-level, to invest in new technologies to fight crimes in the dark web and the deep web; stresses that Eurojust and Europol must be given appropriate resources to improve the identification of victims, to fight organised networks of sexual abusers and to accelerate the detection, analysis and referral of child abuse material on- and offline;*

Or. en

Amendment 162

Miriam Dalli, Tanja Fajon, Péter Niedermüller, Miltiadis Kyrkos

Motion for a resolution
Subheading 2 a (new)

Motion for a resolution

Amendment

Stresses that there is a legitimate and strong need to protect communications between individuals and between individuals and public and private organisations in order to prevent cybercrime; highlights therefore that strong cryptography provides for this necessity; further stresses that limiting the use of or weakening the strength of the cryptographic tools will create vulnerabilities that can be used for criminal purposes, lower trust in electronic services, which, in turn, will damage civil society and industry alike;

Or. en

Amendment 163
Eleftherios Synadinos

Motion for a resolution
Paragraph 8

Motion for a resolution

Amendment

8. Calls on the Commission, in the context of the review of the European cybersecurity strategy, to assess the situation regarding the fight against cybercrime in the European Union and the Member States, in order to achieve a better understanding of *the* trends and developments in relation to *offences in cyberspace*;

8. Calls on the Commission, in the context of the review of the European cybersecurity strategy, to assess the situation regarding the fight against cybercrime in the European Union and the Member States *and the risks it poses*, in order to achieve a better understanding of trends and developments in relation to *cybercrime, establish a vulnerability and security index for critical information and digital systems in the Union, draw up an in-depth and strictly confidential internal report on priorities for the enhancement of vulnerable systems and identify weaknesses in the light of current*

technological possibilities and requirements;

Or. el

Amendment 164
Jan Philipp Albrecht

Motion for a resolution
Paragraph 8

Motion for a resolution

8. Calls on the Commission, in the context of the review of the European cybersecurity strategy, to assess the situation regarding the fight against cybercrime in the European Union and the Member States, in order to achieve a better understanding of the trends and developments in relation to offences in cyberspace;

Amendment

8. Calls on the Commission, in the context of the review of the European cybersecurity strategy, to *continue identifying network and information security vulnerabilities of European critical infrastructure and incentivise the development of resilient systems, and* assess the situation regarding the fight against cybercrime in the European Union and the Member States, in order to achieve a better understanding of the trends and developments in relation to offences in cyberspace;

Or. en

Amendment 165
Marine Le Pen, Gilles Lebreton

Motion for a resolution
Paragraph 8

Motion for a resolution

8. Calls on the *Commission, in the context of the review of the European cybersecurity strategy*, to assess the situation regarding the fight against cybercrime *in the European Union and the Member States*, in order to achieve a better understanding of the trends and

Amendment

8. Calls on the *Member States* to assess the situation regarding the fight against cybercrime, in order to achieve a better understanding of the trends and developments in relation to offences in cyberspace;

developments in relation to offences in cyberspace;

Or. fr

Amendment 166
Eleftherios Synadinos

Motion for a resolution
Paragraph 8 a (new)

Motion for a resolution

Amendment

8a. Calls on the Commission not to seek the concentration of power or the conferral and exercise of competences belonging to the Member States by adducing the undeniable need for European and international cooperation in response to cybercrime; urges the national parliaments to ensure compliance with the principle of subsidiarity, under which, in areas outside its exclusive competence, the Union shall act only if and in so far as the objectives of the proposed action cannot be sufficiently achieved by the Member States, but can be better achieved at Union level by reason of the scale or effects of the proposed action;

Or. el

Amendment 167
Csaba Sógor

Motion for a resolution
Paragraph 8 a (new)

Motion for a resolution

Amendment

8a. Considers that regulation should play a greater role in managing cybersecurity risks through improved

product and software standards on design and subsequent updates, as well as minimum standards on default usernames and passwords;

Or. en

Amendment 168
Eleftherios Synadinos

Motion for a resolution
Paragraph 9

Motion for a resolution

9. Stresses that cyber-resilience is *key in* preventing cybercrime and should therefore be given the highest priority; calls for a comprehensive *European approach on* the fight against cybercrime *that is* compatible with fundamental rights, *data protection, cybersecurity*, consumer protection *and e-commerce*;

Amendment

9. Stresses that cyber-resilience is *a key element of cyber-security when it comes to* preventing cybercrime and should therefore be given the highest priority *by the Member States and the Union the security sector* ; calls for a comprehensive *proposal regarding appropriate and available options at Union level for* the fight against cybercrime, *given the current challenges and any foreseeable future needs or requirements that are* compatible with *the provisions of the Treaties, the legislation applicable, the constitutional requirements of the Member States and the Union and modern case-law in the field of* fundamental rights, *freedoms, security, law and order, the protection of personal and other sensitive data*, consumer protection, *the digital market and research*;

Or. el

Amendment 169
Ana Gomes

Motion for a resolution
Paragraph 9

Motion for a resolution

9. Stresses that cyber-resilience is key in preventing cybercrime and should therefore be given the highest priority; calls for a comprehensive European approach on the fight against cybercrime that is compatible with fundamental rights, data protection, cybersecurity, consumer protection and e-commerce;

Amendment

9. Stresses that cyber-resilience is key in preventing cybercrime and should therefore be given the highest priority; calls ***on Member States to adopt proactive policies and actions towards the defence of networks and critical infrastructure***, calls for a comprehensive European approach on the fight against cybercrime that is compatible with fundamental rights, data protection, cybersecurity, consumer protection and e-commerce;

Or. en

Amendment 170

Marine Le Pen, Gilles Lebreton

Motion for a resolution

Paragraph 10

Motion for a resolution

10. Welcomes, in this regard, the investment of EU funds in research projects such as the public-private partnership (PPP) on cybersecurity, to foster European cyber-resilience through innovation and capacity building;

Amendment

deleted

Or. fr

Amendment 171

Beatrix von Storch

Motion for a resolution

Paragraph 10

Motion for a resolution

10. Welcomes, in this regard, the investment of EU funds in research projects such as the public-private

Amendment

deleted

partnership (PPP) on cybersecurity, to foster European cyber-resilience through innovation and capacity building;

Or. en

Amendment 172
Eleftherios Synadinos

Motion for a resolution
Paragraph 10

Motion for a resolution

10. Welcomes, in this regard, the investment of EU funds in research projects *such as the public-private partnership (PPP) on cybersecurity, to foster European cyber-resilience* through innovation and capacity building;

Amendment

10. Welcomes, in this regard, the investment of **Member State and** EU funds in **cybersecurity** research projects **to foster, where appropriate, national and European cyber-resilience and the ability to withstand cyber-attacks** through innovation and **digital** capacity building **and skills enhancement; urges Member States to continue to invest available EU funding also, so as to enhance the security of critical infrastructures and protect data contained therein;**

Or. el

Amendment 173
Elissavet Vozemberg-Vrionidi, Michał Boni, Axel Voss, Carlos Coelho, Barbara Matera

Motion for a resolution
Paragraph 10

Motion for a resolution

10. Welcomes, in this regard, the investment of EU funds in research projects such as the public-private partnership (PPP) on cybersecurity, to foster European cyber-resilience through innovation and capacity building;

Amendment

10. Welcomes, in this regard, the investment of EU funds in research projects such as the public-private partnership (PPP) on cybersecurity, to foster European cyber-resilience through innovation and capacity building;
recognises particularly the efforts made

by the Cybersecurity-PPP to develop appropriate responses to handling zero-day vulnerabilities;

Or. en

Amendment 174

Miriam Dalli, Tanja Fajon, Miltiadis Kyrkos

Motion for a resolution

Paragraph 10

Motion for a resolution

10. Welcomes, in this regard, the investment of EU funds in research projects such as the public-private partnership (PPP) on cybersecurity, to foster European cyber-resilience through innovation and capacity building;

Amendment

10. Welcomes, in this regard, the investment of EU funds in research projects such as the public-private partnership (PPP) on cybersecurity, to foster European cyber-resilience *and cyber-risk management* through innovation and capacity building;

Or. en

Amendment 175

Cornelia Ernst

Motion for a resolution

Paragraph 10 a (new)

Motion for a resolution

Amendment

10a. stresses, in this regard, the importance of free and open source software; calls for more EU funds to be made available specifically for free and open source software based research into IT security;

Or. en

Amendment 176

Dennis de Jong

**Motion for a resolution
Paragraph 10 a (new)**

Motion for a resolution

Amendment

10 a. Notes with concern that there is a lack of qualified IT professionals working on cybersecurity; urges Member States to invest in education;

Or. en

Amendment 177

Anneleen Van Bossuyt

on behalf of the Committee on the Internal Market and Consumer Protection

**Motion for a resolution
Paragraph 11**

Motion for a resolution

Amendment

11. Urges the Member States to step up information exchanges on the challenges they face in the fight against cybercrime, as well as on solutions to address them;

11. Urges the Member States to step up information exchanges on the challenges they face in the fight against cybercrime, as well as on solutions to address them; ***in this regard, calls on the Commission to promote effective cooperation and facilitate the exchange of information between competent authorities in view of anticipating and managing potential risks, as provided for in the NIS-Directive;***

Or. en

Amendment 178

Brice Hortefeux, Rachida Dati

**Motion for a resolution
Paragraph 11**

Motion for a resolution

Amendment

11. Urges the Member States to step up information exchanges on the challenges they face in the fight against cybercrime, as well as on solutions to ***address them***;

11. Urges the Member States to step up information exchanges on the challenges they face in the fight against cybercrime, as well as on solutions to ***promote cyber-resilience, notably through the European CSIRT (Computer Security Incident Response Team) network***;

Or. fr

Amendment 179
Eleftherios Synadinos

Motion for a resolution
Paragraph 11

Motion for a resolution

11. Urges the Member States to step up information ***exchanges on*** the challenges they ***face in the fight against*** cybercrime, as well as ***on solutions to address them***;

Amendment

11. Urges the Member States to step up ***exchanges of information and expertise regarding*** the challenges they ***are facing in their efforts to combat*** cybercrime, as well as ***related innovative approaches and solutions***;

Or. el

Amendment 180
Ana Gomes

Motion for a resolution
Paragraph 11

Motion for a resolution

11. Urges the Member States to step up information exchanges on the challenges they face in the fight against cybercrime, as well as on solutions to address them;

Amendment

11. Urges the Member States to step up information exchanges on the challenges they face in the fight against cybercrime, as well as on ***concrete legal and technical solutions, as well as best practices on how*** to address them;

Or. en

Amendment 181

Monika Hohlmeier, Rachida Dati

Motion for a resolution

Paragraph 11

Motion for a resolution

11. Urges the Member States to step up information exchanges on the challenges they face in the fight against cybercrime, as well as on solutions to address them;

Amendment

11. Urges the Member States to step up information exchanges ***through the relevant agencies Eurojust, Europol and ENISA*** on the challenges they face in the fight against cybercrime, as well as on solutions to address them;

Or. en

Amendment 182

Michał Boni, Elissavet Vozemberg-Vrionidi, Carlos Coelho

Motion for a resolution

Paragraph 11

Motion for a resolution

11. Urges the Member States to step up information exchanges on the challenges they face in the fight against cybercrime, as well as on solutions to address them;

Amendment

11. Urges the Member States to step up information exchanges ***and best practices sharing*** on the challenges they face in the fight against cybercrime, as well as on solutions to address them;

Or. en

Amendment 183

Gérard Deprez, Louis Michel, Hilde Vautmans, Petr Ježek

Motion for a resolution

Paragraph 11

Motion for a resolution

11. Urges the Member States to step up information exchanges on the challenges

Amendment

11. Urges the Member States to step up information exchanges ***via Europol and***

they face in the fight against cybercrime, as well as on solutions to address them;

Eurojust on the challenges they face in the fight against cybercrime, as well as on solutions to address them;

Or. fr

Amendment 184
Dennis de Jong

Motion for a resolution
Paragraph 11 a (new)

Motion for a resolution

Amendment

11a. *Calls on all Member States to create or assign a national focal point to which businesses and consumers can report malicious e-mails and websites; considers that each focal point should maintain a database recording all types of cybercrime and including easy-to-understand examples; calls on the Commission to ensure coordination of a smooth exchange of information from the national databases, inter alia by facilitating the setting up of a rapid alert system identifying new practices and an easy-search system making it possible to identify a specific type of cybercrime before having become a victim of it;*

Or. en

Amendment 185
Miriam Dalli, Tanja Fajon, Miltiadis Kyrkos, Péter Niedermüller

Motion for a resolution
Paragraph 11 a (new)

Motion for a resolution

Amendment

11a. *Urges the Commission and Member States to set up a high-level working group on Cyber Security*

Strategies for the Energy Sector in order to regularly assess the various threats posed due to the expansion of intelligent networked devices throughout the energy distribution system and the increasing number of accessible targets within the smart energy ecosystem.

Or. en

Amendment 186

Miriam Dalli, Tanja Fajon, Péter Niedermüller, Miltiadis Kyrkos

Motion for a resolution

Paragraph 11 b (new)

Motion for a resolution

Amendment

11b. Urges the Member States to set up a system of exchange of information which obliges mandatory reporting on security incidents, so that Member States are regularly informed of security incidents and measures that can be taken in order to combat and mitigate the risk to their own systems.

Or. en

Amendment 187

Miriam Dalli, Tanja Fajon, Miltiadis Kyrkos

Motion for a resolution

Paragraph 12

Motion for a resolution

Amendment

12. Is concerned by the Europol finding that the majority of successful attacks are attributable to a lack of user-awareness, as well as insufficient security;

12. Is concerned by the Europol finding that the majority of successful attacks ***on individuals*** are attributable to a lack of user-awareness, as well as insufficient ***technical security measures***;

Or. en

Amendment 188
Jan Philipp Albrecht

Motion for a resolution
Paragraph 12

Motion for a resolution

12. Is concerned by the Europol finding that the majority of successful attacks are attributable to a lack of user-awareness, *as well as insufficient security*;

Amendment

12. Is concerned by the Europol finding that the majority of successful attacks are attributable to a lack of *digital hygiene, a lack of security by design and a lack of user-awareness; underlines that users are the first victims of badly secured hardware and software*;

Or. en

Amendment 189
Eleftherios Synadinos

Motion for a resolution
Paragraph 12

Motion for a resolution

12. *Is concerned by* the Europol finding that the majority of successful attacks are attributable to a lack of user-awareness, as well as insufficient security;

Amendment

12. *Stresses* the Europol finding that the majority of successful attacks are attributable to a lack of user-awareness, as well as insufficient security; *strongly supports effective, agreed and coordinated efforts to raise user awareness*;

Or. el

Amendment 190
Luigi Morgano

Motion for a resolution
Paragraph 13

Motion for a resolution

Amendment

13. Calls on the Commission and the Member States to launch awareness-raising campaigns to ensure that citizens, in particular children and other vulnerable users, and the private sector are aware of the risks posed by cybercrime, and to promote the use of security measures such as encryption;

13. Calls on the Commission and the Member States to launch awareness-raising campaigns to ensure that citizens, in particular children and other vulnerable users, and the private sector are aware of the risks posed by cybercrime, and to promote the *by default* use of security measures such as encryption *and, in the particular case of children, age verification tools and parental control tools by default; awareness-raising campaigns should be accompanied by educational campaigns about an "informed use" of information technology instruments (for minors, for instance, in schools)*;

Or. en

Amendment 191
Brice Hortefeux, Rachida Dati

Motion for a resolution
Paragraph 13

Motion for a resolution

13. Calls on the Commission and the Member States to launch *awareness-raising* campaigns *to ensure that* citizens, in particular children and other vulnerable users, *and the* private sector *are* aware of the risks posed by cybercrime, and to promote the use of security measures *such as encryption*;

Amendment

13. Calls on the Commission and the Member States to launch *awareness-raising* campaigns *and to promote good practices among all* citizens, in particular children and other vulnerable users, *but also central government and local authorities, vital operators and* private sector *actors to make them* aware of the risks posed by cybercrime, and to promote the use of security measures;

Or. fr

Amendment 192
Ana Gomes

Motion for a resolution

Paragraph 13

Motion for a resolution

13. Calls on the Commission and the Member States to launch awareness-raising campaigns to ensure that citizens, in particular children and other vulnerable users, and the private sector are aware of the risks posed by cybercrime, **and to promote *the use of* security measures such as encryption;**

Amendment

13. Calls on the Commission and the Member States to launch awareness-raising campaigns to ensure that citizens, in particular children and other vulnerable users, and the private sector are aware of the risks posed by cybercrime **and promote *practical* security measures, such as encryption, *about how be safe online and how to protect their devices*;**

Or. en

Amendment 193

Elissavet Vozemberg-Vrionidi, Michał Boni, Axel Voss, Carlos Coelho, Barbara Matera, Anna Maria Corazza Bildt

Motion for a resolution

Paragraph 13

Motion for a resolution

13. Calls on the Commission and the Member States to launch awareness-raising campaigns to ensure that citizens, in particular children and other vulnerable users, and the private sector are aware of the risks posed by cybercrime, and to promote the use of security measures such as encryption;

Amendment

13. Calls on the Commission and the Member States to launch awareness-raising campaigns, ***including educational programs in primary and secondary schools***, to ensure that citizens, in particular children and other vulnerable users, and the private sector are aware of the risks posed by cybercrime, and to promote the use of security measures such as encryption;

Or. en

Amendment 194

Michał Boni, Elissavet Vozemberg-Vrionidi, Carlos Coelho, Anna Maria Corazza Bildt

Motion for a resolution

Paragraph 13

Motion for a resolution

13. Calls on the Commission and the Member States to launch awareness-raising campaigns to ensure that citizens, in particular children and other vulnerable users, and the private sector are aware of the risks posed by cybercrime, and to promote the use of security measures such as encryption;

Amendment

13. Calls on the Commission and the Member States to launch awareness-raising campaigns to ensure that citizens, in particular children and other vulnerable users, and the private sector are aware of the risks posed by cybercrime, and to promote the use of security measures such as encryption *or other security and privacy enhancing technologies*;

Or. en

Amendment 195
Dennis de Jong

Motion for a resolution
Paragraph 13

Motion for a resolution

13. Calls on the Commission and the Member States to launch awareness-raising campaigns to ensure that citizens, in particular children and other vulnerable users, and the private sector are aware of the risks posed by cybercrime, and to promote the use of security measures such as encryption;

Amendment

13. Calls on the Commission and the Member States to launch awareness-raising campaigns to ensure that citizens, in particular children and other vulnerable users, and the private sector, *especially small and medium sized enterprises*, are aware of the risks posed by cybercrime, and to promote the use of security measures such as encryption;

Or. en

Amendment 196
Cornelia Ernst

Motion for a resolution
Paragraph 13

Motion for a resolution

13. Calls on the Commission and the Member States to launch awareness-raising

Amendment

13. Calls on the Commission and the Member States to launch awareness-raising

campaigns to ensure that citizens, in particular children and other vulnerable users, and the private sector are aware of the risks posed by cybercrime, and to promote the use of security measures such as encryption;

campaigns to ensure that citizens, in particular children and other vulnerable users, and the private sector are aware of the risks posed by cybercrime, and to promote the use of security measures such as encryption *and anonymisation tools*;

Or. en

Amendment 197

Anneleen Van Bossuyt

on behalf of the Committee on the Internal Market and Consumer Protection

Motion for a resolution

Paragraph 13

Motion for a resolution

13. Calls on the Commission and the Member States to launch awareness-raising campaigns to ensure that citizens, in particular children and other vulnerable users, and the private sector are aware of the risks posed by cybercrime, and to promote the use of security measures such as encryption;

Amendment

13. Calls on the Commission and the Member States to launch awareness-raising campaigns to ensure that citizens, in particular children *minors* and other vulnerable users, and the private sector are aware of the risks posed by cybercrime, and to promote the use of security measures such as encryption;

Or. en

Amendment 198

Maria Grapini

Motion for a resolution

Paragraph 13

Motion for a resolution

13. Calls on the Commission and the Member States to launch *awareness-raising* campaigns to ensure that citizens, in particular children and other vulnerable users, and the private sector are aware of the risks posed by cybercrime, and to

Amendment

13. Calls on the Commission and the Member States to launch *awareness-raising and information* campaigns to ensure that citizens, in particular children and other vulnerable users, and the private sector are aware of the risks posed by

promote the use of security measures such as encryption;

cybercrime, and to promote the use of security measures such as encryption;

Or. ro

Amendment 199
Monika Hohlmeier, Rachida Dati

Motion for a resolution
Paragraph 13

Motion for a resolution

13. Calls on the Commission and the Member States to launch awareness-raising campaigns to ensure that citizens, in particular children and other vulnerable users, and the private sector are aware of the risks posed by cybercrime, and to promote the use of security measures such as encryption;

Amendment

13. Calls on the Commission and the Member States to launch awareness-raising ***and prevention*** campaigns to ensure that citizens, in particular children and other vulnerable users, and the private sector are aware of the risks posed by cybercrime, and to promote the use of security measures such as encryption;

Or. en

Amendment 200
Eleftherios Synadinos

Motion for a resolution
Paragraph 13

Motion for a resolution

13. Calls on the Commission ***and the Member States*** to launch ***awareness-raising campaigns to ensure that citizens, in particular children and other vulnerable users, and the private sector are aware of the risks posed by cybercrime, and to promote the use of security measures such as encryption;***

Amendment

13. Calls on the Commission to launch ***pan-European public awareness raising initiatives, targeted at individuals and undertakings, regarding cybercrime and associated risks, with a particular focus on the resources being deployed by them and ways of countering digital threats;***

Or. el

Amendment 201
Marine Le Pen, Gilles Lebreton

Motion for a resolution
Paragraph 13

Motion for a resolution

13. Calls on the *Commission and the* Member States to launch awareness-raising campaigns to ensure that citizens, in particular children and other vulnerable users, and the private sector are aware of the risks posed by cybercrime, and to promote the use of security measures such as encryption;

Amendment

13. Calls on the Member States to launch awareness-raising campaigns to ensure that citizens, in particular children and other vulnerable users, and the private sector are aware of the risks posed by cybercrime, and to promote the use of security measures such as encryption;

Or. fr

Amendment 202
Gérard Deprez, Louis Michel, Hilde Vautmans, Petr Ježek

Motion for a resolution
Paragraph 13 a (new)

Motion for a resolution

13a. Insists on the need for action in the area of online content and conduct harmful to children in order to protect them from the risks inherent in cyberspace; calls for efforts to be pursued in the context of the European strategy for a Better Internet for Kids (BIK strategy 2012);

Amendment

Or. fr

Amendment 203
Nathalie Griesbeck

Motion for a resolution
Paragraph 13 a (new)

Motion for a resolution

Amendment

13a. Stresses out the urgent need, in the fight against cybercrime, of more efforts on NIS education and training, by introducing training on NIS, on secure software development and personal data protection for computer science students and also NIS basic training for staff working in public administrations;

Or. en

Amendment 204
Eleftherios Synadinos

Motion for a resolution
Paragraph 13 a (new)

Motion for a resolution

Amendment

13a. Calls on the Commission and the Member States to ensure that members of the public, in particular children and other vulnerable users and private sector users, have guided and unhindered access to adequate security measures such as encryption;

Or. el

Amendment 205
Csaba Sógor

Motion for a resolution
Paragraph 13 a (new)

Motion for a resolution

Amendment

13a. Considers that insurance against cyber-hacking could be one of the tools spurring action on security both by companies that are made liable for

software design, as well as users prompted to use software properly;

Or. en

Amendment 206

Michał Boni, Elissavet Vozemberg-Vrionidi, Carlos Coelho, Anna Maria Corazza Bildt

Motion for a resolution

Paragraph 13 a (new)

Motion for a resolution

Amendment

13a. Urges the Member States to consider including in the computing education curricula of primary and secondary schools a component dedicated to cybersecurity, which would contribute to the prevention of cybercrime;

Or. en

Amendment 207

Gérard Deprez, Louis Michel, Hilde Vautmans, Petr Ježek

Motion for a resolution

Paragraph 13 b (new)

Motion for a resolution

Amendment

13b. Insists on the need for Member States which have not yet done so to criminalise not only online grooming but also cyberstalking and luring children online, i.e. where adults communicate online with a minor or a person they believe to be a minor for the purpose of subsequently committing a crime against that person, whether or not such contacts lead to a proposal to meet; in this connection, calls on the Commission to bring forward a legislative proposal to criminalise cyberstalking;

Amendment 208
Nathalie Griesbeck

Motion for a resolution
Paragraph 13 b (new)

Motion for a resolution

Amendment

13b. *Takes the view that, in order to safeguard the security and integrity of our networks, services and personal data, the use of end-to-end encryption should be encouraged and, where necessary, be mandatory in accordance with the principle of security and privacy by design;*

Or. en

Amendment 209
John Procter

Motion for a resolution
Paragraph 14

Motion for a resolution

Amendment

14. Stresses that businesses should conduct regular vulnerability assessments, fix existing vulnerabilities in their products or services and consistently report cyber-attacks;

14. Stresses that businesses should conduct regular vulnerability assessments **and** fix existing vulnerabilities in their products or services **including through patch management policies, mitigate the effect of ransomware attacks such as WannaCry by setting up robust back up regimes**, and consistently report cyber-attacks;

Or. en

Amendment 210
Eleftherios Synadinos

Motion for a resolution
Paragraph 14

Motion for a resolution

14. Stresses that businesses should conduct regular vulnerability assessments, fix existing vulnerabilities in their products or services **and consistently report** cyber-attacks;

Amendment

14. Stresses that businesses should conduct regular vulnerability assessments, fix existing vulnerabilities in their products or services **where these are identified and, where necessary, notify affected users and the authorities of any cyber-attacks and provide any information necessitated and dictated by the circumstances;**

Or. el

Amendment 211
Dennis de Jong

Motion for a resolution
Paragraph 14

Motion for a resolution

14. Stresses that businesses should conduct regular vulnerability assessments, fix existing vulnerabilities in their products or services and consistently report cyber-attacks;

Amendment

14. Stresses that businesses should conduct regular vulnerability assessments, fix existing vulnerabilities in their products or services and consistently report cyber-attacks; ***underlines that SMEs should have access to objective information and assistance in cases of (attempts of) cybercrime;***

Or. en

Amendment 212
Miriam Dalli, Tanja Fajon, Miltiadis Kyrkos

Motion for a resolution
Paragraph 14

Motion for a resolution

Amendment

14. Stresses that businesses should **conduct** regular **vulnerability** assessments, **fix existing** vulnerabilities in their products or services and consistently report cyber-attacks;

14. Stresses that businesses should **identify vulnerabilities and risks through** regular assessments, **protect their products and services by fixing** vulnerabilities **found** in their products or services and consistently reporting cyber-attacks;

Or. en

Amendment 213
Nathalie Griesbeck

Motion for a resolution
Paragraph 14

Motion for a resolution

14. Stresses that businesses should conduct regular vulnerability assessments, **fix** existing vulnerabilities in their products or services and consistently report cyber-attacks;

Amendment

14. Stresses that businesses should conduct regular vulnerability assessments, **identify** existing vulnerabilities in their products or services and **combat and fix these vulnerabilities ; businesses should also** consistently report cyber-attacks;

Or. en

Amendment 214
Maria Grapini

Motion for a resolution
Paragraph 14

Motion for a resolution

14. Stresses that businesses should conduct regular vulnerability assessments, **fix** existing vulnerabilities in their products or services and consistently report cyber-attacks;

Amendment

14. Stresses that businesses should conduct regular vulnerability assessments, **update data protection methods,** **fix** existing vulnerabilities in their products or services and consistently report cyber-attacks;

Or. ro

Amendment 215
Jan Philipp Albrecht

Motion for a resolution
Paragraph 14

Motion for a resolution

14. Stresses that businesses should **conduct regular vulnerability** assessments, **fix existing vulnerabilities in** their products or services and consistently **report** cyber-attacks;

Amendment

14. Stresses that businesses should **identify vulnerabilities through regular** assessments, **protect** their products or services **by fixing vulnerabilities** and consistently **reporting** cyber-attacks;

Or. en

Amendment 216
Cornelia Ernst

Motion for a resolution
Paragraph 14

Motion for a resolution

14. Stresses that businesses should conduct regular vulnerability assessments, fix existing vulnerabilities in their products or services and consistently report cyber-attacks;

Amendment

14. Stresses that businesses should conduct regular vulnerability assessments, **immediately** fix existing vulnerabilities in their products or services and consistently report cyber-attacks;

Or. en

Amendment 217
Axel Voss

Motion for a resolution
Paragraph 14

Motion for a resolution

14. Stresses that businesses should **conduct** regular **vulnerability** assessments, **fix existing vulnerabilities in** their

Amendment

14. Stresses that businesses should **identify vulnerabilities through** regular assessments, **protect** their products or

products or services and consistently report cyber-attacks;

services *by fixing vulnerabilities* and consistently report cyber-attacks;

Or. en

Amendment 218

Michał Boni, Elissavet Vozemberg-Vrionidi, Carlos Coelho

Motion for a resolution

Paragraph 14 a (new)

Motion for a resolution

Amendment

14a. Believes that with the innovation and growing accessibility of the IoT devices, special attention shall be given to the security of all, even very simple devices; urges the Commission and Member States to promote the security by design approach and urges the industry to include by design security solutions in all these devices;

Or. en

Amendment 219

Eleftherios Synadinos

Motion for a resolution

Paragraph 15

Motion for a resolution

Amendment

15. Urges the Member States to invest in making their critical infrastructure and associated data more secure in order to withstand cyber-attacks;

deleted

Or. el

Amendment 220

Jan Philipp Albrecht

Motion for a resolution
Paragraph 15 a (new)

Motion for a resolution

Amendment

15 a. *Points out that recent incidents clearly demonstrate the acute vulnerability of the EU, and in particular the EU institutions, national governments and parliaments, major European companies, European IT infrastructures and networks, to sophisticated attacks using complex software and malware; underlines that boosting EU IT capacity and security also reduces the vulnerability of the EU towards serious cyberattacks originating from large criminal organisations or terrorist groups;*

Or. en

Amendment 221
Beatrix von Storch

Motion for a resolution
Paragraph 15 a (new)

Motion for a resolution

Amendment

15 a. *Stresses that the best protection against all forms of cyber threats is for private citizens, companies, organisations and governments to regularly update and properly implement appropriate cybersecurity measures; notes that this approach, as opposed to government intrusions e.g backdoors, mass data collection, hacking, protects rather than violates our rights and freedoms;*

Or. en

Amendment 222

Ana Gomes

Motion for a resolution
Paragraph 15 a (new)

Motion for a resolution

Amendment

15a. Calls on the Commission to evaluate on a continuous basis the threat level and invest on the defence and resilience of the European Union's Institutions critical infrastructure.

Or. en

Amendment 223
Jan Philipp Albrecht

Motion for a resolution
Paragraph 15 b (new)

Motion for a resolution

Amendment

15b. Calls on the Commission and the Member States to take the initiative and build up, as a strategic priority measure, a strong and autonomous IT key-resource capability; stresses that in order to regain trust, such a European IT capability should be based, as much as possible, on open standards and open-source software and if possible hardware, making the whole supply chain from processor design to application layer transparent and reviewable; points out that in order to regain competitiveness in the strategic sector of IT services, a 'digital new deal' is needed, with joint and large-scale efforts by EU institutions, Member States, research institutions, industry and civil society; calls on the Commission and the Member States to use public procurement as leverage to support such resource capability in the EU by making EU security and privacy standards a key requirement in the public procurement of

IT goods and services; urges the Commission, therefore, to review the current public procurement practices with regard to data processing in order to consider restricting tender procedures to certified companies, and possibly to EU companies, where security or other vital interests are involved;

Or. en

Amendment 224
Jan Philipp Albrecht

Motion for a resolution
Paragraph 15 c (new)

Motion for a resolution

Amendment

15c. Strongly condemns the fact that intelligence services seek to lower IT security standards and to install backdoors in a wide range of IT systems; asks the Commission to present draft legislation to ban the use of backdoors by law enforcement agencies; recommends, consequently, the use of open-source software in all environments where IT security is a concern;

Or. en

Amendment 225
Jan Philipp Albrecht

Motion for a resolution
Paragraph 15 d (new)

Motion for a resolution

Amendment

15d. Calls on all the Member States, the Commission, the Council and the European Council to give their fullest support, including through funding in the

field of research and development, to the development of European innovative and technological capability in IT tools, companies and providers (hardware, software, services and network), including for purposes of cybersecurity and encryption and cryptographic capabilities; calls on all responsible EU institutions and Member States to invest in EU local and independent technologies, and to develop massively and increase detection capabilities;

Or. en

Amendment 226
Jan Philipp Albrecht

Motion for a resolution
Paragraph 15 e (new)

Motion for a resolution

Amendment

15 e. Takes the view that the large-scale IT systems used in the area of freedom, security and justice, such as the Schengen Information System II, the Visa Information System, Eurodac and possible future systems, should be developed and operated in such a way as to ensure that data are not compromised as a result of requests by authorities from third countries; asks eu-LISA to report back to Parliament on the reliability of the systems in place by the end of 2018;

Or. en

Amendment 227
Jan Philipp Albrecht

Motion for a resolution
Paragraph 15 f (new)

Motion for a resolution

Amendment

15f. *Calls for the EU to take the lead in reshaping the architecture and governance of the internet in order to address the risks related to data flows and storage, striving for more data minimisation and transparency and less centralised mass storage of raw data, as well as for rerouting of Internet traffic or full end-to-end encryption of all Internet traffic so as to avoid the current risks associated with unnecessary routing of traffic through the territory of countries that do not meet basic standards on fundamental rights, data protection and privacy;*

Or. en

Amendment 228

Miriam Dalli, Tanja Fajon

Motion for a resolution

Subheading 3

Motion for a resolution

Amendment

Enhancing responsibility *and liability* of the service providers

Enhancing responsibility of the service providers

Or. en