

117TH CONGRESS
1ST SESSION

H. R. 4055

To establish a cybersecurity literacy campaign, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

JUNE 22, 2021

Mr. KINZINGER (for himself, Mr. BILIRAKIS, Ms. ESHOO, Mr. VEASEY, and Ms. HOULAHAN) introduced the following bill; which was referred to the Committee on Energy and Commerce

A BILL

To establish a cybersecurity literacy campaign, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “American Cybersecu-
5 rity Literacy Act”.

6 **SEC. 2. SENSE OF CONGRESS.**

7 It is the sense of the Congress that the United States
8 has a national security and economic interest in promoting
9 cybersecurity literacy amongst the general public.

1 **SEC. 3. ESTABLISHMENT OF CYBERSECURITY LITERACY**
2 **CAMPAIGN.**

3 (a) IN GENERAL.—The Assistant Secretary for Com-
4 munications and Information shall develop and conduct a
5 cybersecurity literacy campaign to increase the knowledge
6 and awareness of the American people of best practices
7 to reduce cybersecurity risks.

8 (b) CAMPAIGN.—To reduce cybersecurity risks, the
9 Assistant Secretary shall—

10 (1) identify the critical areas of an IT system
11 that present cybersecurity risks and educate Amer-
12 ican people on how to prevent and mitigate such at-
13 tacks by—

14 (A) instructing American people on how to
15 identify—

16 (i) phishing emails; and

17 (ii) secure websites;

18 (B) instructing American people on the
19 need to change default passwords on hardware
20 and software technology;

21 (C) encouraging the use of cybersecurity
22 tools, including—

23 (i) multi-factor authentication;

24 (ii) complex passwords;

25 (iii) firewalls; and

26 (iv) anti-virus software;

1 (D) identifying the devices that could pose
2 possible cybersecurity risks, including—

- 3 (i) personal computers;
4 (ii) smartphones;
5 (iii) tablets;
6 (iv) Wi-Fi routers; and
7 (v) smart home appliances;

8 (E) encouraging Americans to—

- 9 (i) regularly review mobile application
10 permissions;
11 (ii) decline privilege requests from mo-
12 bile applications that are unnecessary;
13 (iii) download applications only from
14 trusted vendors or sources; and
15 (iv) connect internet of things or de-
16 vices to a separate and dedicated network;
17 and

18 (F) identifying the potential cybersecurity
19 risks of using publicly available Wi-Fi networks
20 and the methods a user may utilize to limit
21 such risks; and

22 (2) direct American people and businesses to
23 Federal resources to help mitigate the cybersecurity
24 risks identified in this subsection.

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