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(Original Signature of Member)

117TH CONGRESS  
1ST SESSION

# H. R. 4055

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

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## IN THE HOUSE OF REPRESENTATIVES

Mr. KINZINGER introduced the following bill; which was referred to the  
Committee on \_\_\_\_\_

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## 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.