

116TH CONGRESS
1ST SESSION

H. R. 3710

IN THE SENATE OF THE UNITED STATES

OCTOBER 15, 2019

Received; read twice and referred to the Committee on Homeland Security and
Governmental Affairs

AN ACT

To amend the Homeland Security Act of 2002 to provide
for the remediation of cybersecurity vulnerabilities, 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,*

1 **SECTION 1. SHORT TITLE.**

2 This Act may be cited as the “Cybersecurity Vulner-
3 ability Remediation Act”.

4 **SEC. 2. CYBERSECURITY VULNERABILITIES.**

5 Section 2209 of the Homeland Security Act of 2002
6 (6 U.S.C. 659) is amended—

7 (1) in subsection (a)—

8 (A) in paragraph (5), by striking “and”
9 after the semicolon at the end;

10 (B) by redesignating paragraph (6) as
11 paragraph (7); and

12 (C) by inserting after paragraph (5) the
13 following new paragraph:

14 “(6) the term ‘cybersecurity vulnerability’ has
15 the meaning given the term ‘security vulnerability’
16 in section 102 of the Cybersecurity Information
17 Sharing Act of 2015 (6 U.S.C. 1501); and”.

18 (2) in subsection (c)—

19 (A) in paragraph (5)—

20 (i) in subparagraph (A), by striking
21 “and” after the semicolon at the end;

22 (ii) by redesignating subparagraph
23 (B) as subparagraph (C);

24 (iii) by inserting after subparagraph
25 (A) the following new subparagraph:

1 “(B) sharing mitigation protocols to counter cy-
2 bersecurity vulnerabilities pursuant to subsection
3 (n); and”; and

4 (iv) in subparagraph (C), as so redes-
5 ignated, by inserting “and mitigation pro-
6 tocols to counter cybersecurity
7 vulnerabilities in accordance with subpara-
8 graph (B)” before “with Federal”;

9 (B) in paragraph (7)(C), by striking
10 “sharing” and inserting “share”; and

11 (C) in paragraph (9), by inserting “mitiga-
12 tion protocols to counter cybersecurity
13 vulnerabilities,” after “measures,”;

14 (3) in subsection (e)(1)(G), by striking the
15 semicolon after “and” at the end; and

16 (4) by adding at the end the following new sub-
17 section:

18 “(n) PROTOCOLS TO COUNTER CYBERSECURITY
19 VULNERABILITIES.—The Director may, as appropriate,
20 identify, develop, and disseminate actionable protocols to
21 mitigate cybersecurity vulnerabilities, including in cir-
22 cumstances in which such vulnerabilities exist because
23 software or hardware is no longer supported by a ven-
24 dor.”.

1 **SEC. 3. REPORT ON CYBERSECURITY VULNERABILITIES.**

2 (a) REPORT.—Not later than 1 year after the date
3 of the enactment of this Act, the Director of the Cyberse-
4 curity and Infrastructure Security Agency of the Depart-
5 ment of Homeland Security shall submit to the Committee
6 on Homeland Security of the House of Representatives
7 and the Committee on Homeland Security and Govern-
8 mental Affairs of the Senate a report on how the Agency
9 carries out subsection (m) of section 2209 of the Home-
10 land Security Act of 2002 to coordinate vulnerability dis-
11 closures, including disclosures of cybersecurity
12 vulnerabilities (as such term is defined in such section),
13 and subsection (n) of such section (as added by section
14 2) to disseminate actionable protocols to mitigate cyberse-
15 curity vulnerabilities, that includes the following:

16 (1) A description of the policies and procedures
17 relating to the coordination of vulnerability disclo-
18 sures.

19 (2) A description of the levels of activity in fur-
20 therance of such subsections (m) and (n) of such
21 section 2209.

22 (3) Any plans to make further improvements to
23 how information provided pursuant to such sub-
24 sections can be shared (as such term is defined in
25 such section 2209) between the Department and in-
26 dustry and other stakeholders.

(b) FORM.—The report required under subsection (b) shall be submitted in unclassified form but may contain a classified annex.

The Under Secretary for Science and Technology of the Department of Homeland Security, in consultation with the Director of the Cybersecurity and Infrastructure Security Agency of the Department, may establish an incentive-based program that allows industry, individuals, academia, and others to compete in providing remediation solutions for cybersecurity vulnerabilities (as such term is defined in section 2209 of the Homeland Security Act of 2002, as amended by section 2).

Attest: **CHERYL L. JOHNSON,**
Clerk.