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(Original Signature of Member)

119TH CONGRESS
2D SESSION

H. R. _____

To study the impacts of artificial intelligence technology with respect to the security of telecommunications networks, and for other purposes.

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IN THE HOUSE OF REPRESENTATIVES

Mr. MENENDEZ introduced the following bill; which was referred to the Committee on _____

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A BILL

To study the impacts of artificial intelligence technology with respect to the security of telecommunications networks, 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 "AI for Secure Net-

5   works Act".

SEC. 2. ARTIFICIAL INTELLIGENCE TECHNOLOGY AND THE SECURITY OF TELECOMMUNICATIONS NET-WORKS.

(a) STUDY.—The Secretary shall conduct a study on the impacts of artificial intelligence technology with respect to the security of telecommunications networks, which shall include an analysis of—

(1) how artificial intelligence technology may be used to improve telecommunications networks, including by facilitating—

(A) real-time threat and malware detection and zero trust security solutions;

(B) increased resiliency and interoperability;

(C) improved energy efficiency; and

(D) integrated sensing and communications;

(2) how artificial intelligence technology may be used in connection with Open Radio Access Network technology to increase the security of telecommunications networks;

(3) how artificial intelligence technology may be used in connection with virtualized security technology to increase the security of telecommunications networks;

1 　　　(4) how artificial intelligence technology may be

2 　　　used to improve network security controls through

3 　　　firewalls and network segmentation; and

4 　　　(5) any risks artificial intelligence technology

5 　　　poses for the security of telecommunications net-

6 　　　works.

7 　(b) CONSULTATION.—For purposes of the study con-

8 ducted under subsection (a), the Secretary shall consult

9 with the Federal Communications Commission and indus-

10 try stakeholders with respect to the use of artificial intel-

11 ligence technology to improve the security of telecommuni-

12 cations networks, including with respect to research and

13 development activities.

14 　(c) REPORT.—

15 　　　(1) IN GENERAL.—Not later than 1 year after

16 　　　the date of the enactment of this Act, the Secretary

17 　　　shall submit to the Committee on Energy and Com-

18 　　　merce of the House of Representatives and the Com-

19 　　　mittee on Commerce, Science, and Transportation of

20 　　　the Senate a report on the results of the study con-

21 　　　ducted under subsection (a), which may include leg-

22 　　　islative recommendations.

23 　　　(2) OPPORTUNITY FOR PUBLIC COMMENT.—

24 　　　Prior to the submission of the report under para-

25 　　　graph (1), the Secretary shall provide an oppor-

4

1   tunity for public comment with respect to such re-

2   port.

3   (d) SECRETARY DEFINED.—In this section, the term

4 "Secretary" means the Secretary of Commerce, acting

5 through the Assistant Secretary of Commerce for Commu-

6 nications and Information.