

116TH CONGRESS  
1ST SESSION

# S. 1798

To improve cyber governance structures in the Department of Defense and to require designation of principal advisors on military cyber force matters, and for other purposes.

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IN THE SENATE OF THE UNITED STATES

JUNE 12, 2019

Mr. ROUNDS (for himself and Ms. DUCKWORTH) introduced the following bill; which was read twice and referred to the Committee on Armed Services

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## A BILL

To improve cyber governance structures in the Department of Defense and to require designation of principal advisors on military cyber force matters, 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 “Department of Defense

5       Principal Cyber Advisors Act of 2019”.

1   **SEC. 2. CYBER GOVERNANCE STRUCTURES AND PRINCIPAL**  
2                   **ADVISORS ON MILITARY CYBER FORCE MAT-**  
3                   **TERS.**

4           (a) DESIGNATION.—

5               (1) IN GENERAL.—Not later than one year  
6               after the date of the enactment of this Act, each  
7               Secretary of a military department shall designate a  
8               Principal Cyber Advisor to act as the principal advi-  
9               sor to the Secretary of the military department on  
10               the cyber forces, cyber programs, and cybersecurity  
11               matters of the military department, including mat-  
12               ters relating to weapons systems, enabling infra-  
13               structure, and the defense industrial base.

14               (2) NATURE OF POSITION.—Each Principal  
15               Cyber Advisor position under paragraph (1) shall be  
16               a senior civilian leadership position.

17           (b) RESPONSIBILITIES PRINCIPAL CYBER ADVI-  
18               SORS.—Each Principal Cyber Advisor of a military depart-  
19               ment shall be responsible for advising the Secretary of the  
20               military department and coordinating and overseeing the  
21               implementation of policy, strategies, sustainment, and  
22               plans on the following:

23               (1) The resourcing and training of the military  
24               cyber forces of the military department and ensuring  
25               that such resourcing and training meets the needs of  
26               United States Cyber Command.

4 (3) Cybersecurity management and operations  
5 of the military department.

6 (4) Acquisition of cybersecurity tools and capa-  
7 bilities for the cybersecurity service providers of the  
8 military department.

12 (c) ADMINISTRATIVE MATTERS —

1       (d) RESPONSIBILITY TO THE SENIOR ACQUISITION  
2 EXECUTIVES.—In addition to the responsibilities set forth  
3 in subsection (b), the Principal Cyber Advisor of a military  
4 department shall be responsible for advising the senior ac-  
5 quisition executive of the military department and, as de-  
6 termined by the Secretary of the military department, for  
7 advising and coordinating and overseeing the implementa-  
8 tion of policy, strategies, sustainment, and plans for—

9               (1) cybersecurity of the industrial base; and  
10               (2) cybersecurity of Department of Defense in-  
11 formation systems and information technology serv-  
12 ices, including how cybersecurity threat information  
13 is incorporated and the development of cyber prac-  
14 tices, cyber testing, and mitigation of cybersecurity  
15 risks.

16       (e) REVIEW OF CURRENT RESPONSIBILITIES.—

17               (1) IN GENERAL.—Not later than January 1,  
18 2021, each Secretary of a military department shall  
19 review the military department's current governance  
20 model for cybersecurity with respect to current au-  
21 thorities and responsibilities.

22               (2) ELEMENTS.—Each review under paragraph  
23 (1) shall include the following:

24                       (A) An assessment of whether additional  
25 changes beyond the designation of a Principal

1                   Cyber Advisor pursuant to subsection (a) are  
2                   required.

3 (B) Consideration of whether the current  
4 governance structure and assignment of au-  
5 thorities—

6 (i) enable effective top-down govern-  
7 ance;

8 (ii) enable effective Chief Information  
9 Officer and Chief Information Security Of-  
10 ficer action;

11 (iii) are adequately consolidated so  
12 that the authority and responsibility for  
13 cybersecurity risk management is clear and  
14 at an appropriate level of seniority;

15 (iv) provides authority to a single in-  
16 dividual to certify compliance of Depart-  
17 ment information systems and information  
18 technology services with all current cyber-  
19 security standards; and

20 (v) support efficient coordination  
21 across the military departments and serv-  
22 ices, the Office of the Secretary of De-  
23 fense, the Defense Information Systems  
24 Agency, and United States Cyber Com-  
25 mand.

1        (f) BRIEFING.—Not later than February 1, 2021,  
2 each Secretary of a military department shall brief the  
3 congressional defense committees on the findings of the  
4 Secretary with respect to the review conducted by the Sec-  
5 retary under subsection (e).

6        (g) DEFINITION OF CONGRESSIONAL DEFENSE COM-  
7 MITTEES.—In this section, the term “congressional de-  
8 fense committees” has the meaning given such term in  
9 section 101(a) of title 10, United States Code.

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