

[DISCUSSION DRAFT]

115TH CONGRESS
2^D SESSION

H. R. _____

To direct the Secretary of Commerce to conduct a study and submit to Congress a report on the state of the internet-connected devices industry in the United States.

IN THE HOUSE OF REPRESENTATIVES

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

A BILL

To direct the Secretary of Commerce to conduct a study and submit to Congress a report on the state of the internet-connected devices industry in the United States.

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 “State of Modern Appli-
5 cation, Research, and Trends of IoT Act” or the “SMART
6 IoT Act”.

1 **SEC. 2. STUDY AND REPORT ON INTERNET OF THINGS.**

2 (a) STUDY.—The Secretary of Commerce shall con-
3 duct a study on the state of the internet-connected devices
4 industry (commonly known as the “Internet of Things”)
5 in the United States. In conducting the study, the Sec-
6 retary shall—

7 (1) develop and conduct a survey of the inter-
8 net-connected devices industry through outreach to
9 participating entities as appropriate, including—

10 (A) a comprehensive list of the industry
11 sectors that develop internet-connected devices;

12 (B) a comprehensive list of the industry
13 sectors that use internet-connected devices;

14 (C) a comprehensive list of public-private
15 partnerships focused on promoting the adoption
16 and use of internet-connected devices, as well as
17 industry-based bodies, including international
18 bodies, which have developed, or are developing,
19 mandatory or voluntary standards for internet-
20 connected devices; and

21 (D) a description of the ways those entities
22 or industry sectors develop, use, or promote the
23 use of internet-connected devices;

24 (2) develop a comprehensive list of Federal
25 agencies with jurisdiction over the entities and in-
26 dustry sectors identified under paragraph (1);

1 (3) identify which Federal agency or agencies
2 listed under paragraph (2) each entity or industry
3 sector interacts with;

4 (4) identify all interagency activities that are
5 taking place among the Federal agencies listed
6 under paragraph (2), such as working groups or
7 other coordinated efforts;

8 (5) develop a description of the jurisdiction and
9 expertise of the Federal agencies listed under para-
10 graph (2) with regard to such entities and industry
11 sectors;

12 (6) identify all regulations, guidelines, manda-
13 tory standards, voluntary standards, and other poli-
14 cies implemented by each of the Federal agencies
15 identified under paragraph (2), as well as all guide-
16 lines, mandatory standards, voluntary standards,
17 and other policies implemented by industry-based
18 bodies; and

19 (7) identify Federal Government resources that
20 exist for consumers and small businesses to evaluate
21 internet-connected devices.

22 (b) REPORT TO CONGRESS.—Not later than 1 year
23 after the date of the enactment of this Act, the Secretary
24 shall submit to the Committee on Energy and Commerce
25 of the House of Representatives and the Committee on

1 Commerce, Science, and Transportation of the Senate a
2 report that contains—

3 (1) the results of the study conducted under
4 subsection (a); and

5 (2) recommendations of the Secretary for
6 growth of the United States economy through the
7 secure advancement of internet-connected devices.

8 (c) DEFINITIONS.—In this section:

9 (1) FEDERAL AGENCY.—The term “Federal
10 agency” means an agency, as defined in section 551
11 of title 5, United States Code.

12 (2) INTERNET-CONNECTED DEVICE.—The term
13 “internet-connected device” means a physical object
14 that—

15 (A) is capable of connecting to the inter-
16 net, either directly or indirectly, to commu-
17 nicate information at the direction of an indi-
18 vidual; and

19 (B) has computer processing capabilities
20 for collecting, sending, or receiving data.