

HR 1668

IoT Cybersecurity Improvement Act of 2020

Congress: 116 (2019–2021, Ended)

Chamber: House

Policy Area: Government Operations and Politics

Introduced: Mar 11, 2019

Current Status: Became Public Law No: 116-207.

Latest Action: Became Public Law No: 116-207. (Dec 4, 2020)

Law: 116-207 (Enacted Dec 4, 2020)

Official Text: <https://www.congress.gov/bill/116th-congress/house-bill/1668>

Sponsor

Name: Rep. Kelly, Robin L. [D-IL-2]

Party: Democratic • **State:** IL • **Chamber:** House

Cosponsors (26 total)

Cosponsor	Party / State	Role	Date Joined
Rep. Baird, James R. [R-IN-4]	R · IN		Mar 11, 2019
Rep. Budd, Ted [R-NC-13]	R · NC		Mar 11, 2019
Rep. Connolly, Gerald E. [D-VA-11]	D · VA		Mar 11, 2019
Rep. Foster, Bill [D-IL-11]	D · IL		Mar 11, 2019
Rep. Hurd, Will [R-TX-23]	R · TX		Mar 11, 2019
Rep. Khanna, Ro [D-CA-17]	D · CA		Mar 11, 2019
Rep. Lieu, Ted [D-CA-33]	D · CA		Mar 11, 2019
Rep. Marshall, Roger [R-KS-1]	R · KS		Mar 11, 2019
Rep. Meadows, Mark [R-NC-11]	R · NC		Mar 11, 2019
Rep. Ratcliffe, John [R-TX-4]	R · TX		Mar 11, 2019
Rep. Ruppertsberger, C. A. Dutch [D-MD-2]	D · MD		Mar 11, 2019
Rep. Soto, Darren [D-FL-9]	D · FL		Mar 11, 2019
Rep. Walker, Mark [R-NC-6]	R · NC		Mar 11, 2019
Rep. Brooks, Susan W. [R-IN-5]	R · IN		Mar 26, 2019
Rep. Fitzpatrick, Brian K. [R-PA-1]	R · PA		Mar 26, 2019
Rep. Hill, Katie [D-CA-25]	D · CA		Mar 26, 2019
Rep. O'Halleran, Tom [D-AZ-1]	D · AZ		Mar 26, 2019
Rep. Olson, Pete [R-TX-22]	R · TX		Mar 26, 2019
Rep. Clarke, Yvette D. [D-NY-9]	D · NY		Mar 27, 2019
Rep. Harder, Josh [D-CA-10]	D · CA		May 2, 2019
Rep. Stevens, Haley M. [D-MI-11]	D · MI		May 2, 2019
Rep. Norman, Ralph [R-SC-5]	R · SC		May 15, 2019
Rep. Graves, Tom [R-GA-14]	R · GA		May 16, 2019
Rep. Rouda, Harley [D-CA-48]	D · CA		May 16, 2019
Rep. Wasserman Schultz, Debbie [D-FL-23]	D · FL		Oct 15, 2019
Rep. DelBene, Suzan K. [D-WA-1]	D · WA		Nov 8, 2019

Committee Activity

Committee	Chamber	Activity	Date
Oversight and Government Reform Committee	House	Reported By	Sep 14, 2020
Science, Space, and Technology Committee	House	Referred to	Mar 11, 2019

Subjects & Policy Tags

Policy Area:

Government Operations and Politics

Related Bills

Bill	Relationship	Last Action
116 S 734	Identical bill	Sep 23, 2019: Placed on Senate Legislative Calendar under General Orders. Calendar No. 215.

Internet of Things Cybersecurity Improvement Act of 2020 or the IoT Cybersecurity Improvement Act of 2020

This bill requires the National Institute of Standards and Technology (NIST) and the Office of Management and Budget (OMB) to take specified steps to increase cybersecurity for Internet of Things (IoT) devices. IoT is the extension of internet connectivity into physical devices and everyday objects.

Specifically, the bill requires NIST to develop and publish standards and guidelines for the federal government on the appropriate use and management by agencies of IoT devices owned or controlled by an agency and connected to information systems owned or controlled by an agency, including minimum information security requirements for managing cybersecurity risks associated with such devices.

The bill requires the OMB to review agency information security policies and principles on the basis of the NIST standards and guidelines and issue such policies and principles as necessary to ensure the agency policies and principles are consistent with the NIST standards and guidelines.

NIST shall review and revise, as appropriate, the standards and guidelines every five years. The OMB shall update any policy or principle to be consistent with NIST revisions.

NIST shall develop and publish guidelines for agency, contractor, and subcontractor communications regarding security vulnerabilities.

The OMB shall develop and oversee the implementation of policies, principles, standards, or guidelines as necessary to address security vulnerabilities of information systems.

An agency is prohibited from procuring, obtaining, or using an IoT device if the agency determines during a review of a contract that the use of such device prevents compliance with the standards and guidelines, subject to a waiver where necessary for national security, for research purposes, or where such device is secured using alternative effective methods.

The Government Accountability Office shall report to Congress on broader IoT efforts.

Actions Timeline

- **Dec 4, 2020:** Signed by President.
- **Dec 4, 2020:** Became Public Law No: 116-207.
- **Nov 24, 2020:** Presented to President.
- **Nov 18, 2020:** Message on Senate action sent to the House.
- **Nov 17, 2020:** Passed/agreed to in Senate: Passed Senate without amendment by Unanimous Consent.(consideration: CR S7043-7044)
- **Nov 17, 2020:** Passed Senate without amendment by Unanimous Consent. (consideration: CR S7043-7044)
- **Sep 15, 2020:** Received in the Senate, read twice.
- **Sep 14, 2020:** Reported (Amended) by the Committee on Oversight and Reform. H. Rept. 116-501, Part I.
- **Sep 14, 2020:** Committee on Science, Space, and Technology discharged.
- **Sep 14, 2020:** Placed on the Union Calendar, Calendar No. 402.
- **Sep 14, 2020:** Mrs. Maloney, Carolyn B. moved to suspend the rules and pass the bill, as amended.
- **Sep 14, 2020:** Considered under suspension of the rules. (consideration: CR H4351-4354)
- **Sep 14, 2020:** DEBATE - The House proceeded with forty minutes of debate on H.R. 1668.
- **Sep 14, 2020:** Passed/agreed to in House: On motion to suspend the rules and pass the bill, as amended Agreed to by voice vote.
- **Sep 14, 2020:** On motion to suspend the rules and pass the bill, as amended Agreed to by voice vote. (text: CR H4351-4352)
- **Sep 14, 2020:** Motion to reconsider laid on the table Agreed to without objection.
- **Sep 14, 2020:** The title of the measure was amended. Agreed to without objection.
- **Jun 12, 2019:** Committee Consideration and Mark-up Session Held.
- **Jun 12, 2019:** Ordered to be Reported in the Nature of a Substitute by Voice Vote.
- **Mar 11, 2019:** Introduced in House
- **Mar 11, 2019:** Referred to the Committee on Oversight and Reform, and in addition to the Committee on Science, Space, and Technology, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned.
- **Mar 11, 2019:** Referred to the Subcommittee on Research and Technology.