

HR 3394

Cyber Security Research and Development Act

Congress: 107 (2001–2003, Ended)

Chamber: House

Policy Area: Science, Technology, Communications

Introduced: Dec 4, 2001

Current Status: Became Public Law No: 107-305.

Latest Action: Became Public Law No: 107-305. (Nov 27, 2002)

Law: 107-305 (Enacted Nov 27, 2002)

Official Text: <https://www.congress.gov/bill/107th-congress/house-bill/3394>

Sponsor

Name: Rep. Boehlert, Sherwood [R-NY-23]

Party: Republican • State: NY • Chamber: House

Cosponsors (8 total)

Cosponsor	Party / State	Role	Date Joined
Rep. Baird, Brian [D-WA-3]	D · WA		Dec 4, 2001
Rep. Hall, Ralph M. [D-TX-4]	D · TX		Dec 4, 2001
Rep. Johnson, Eddie Bernice [D-TX-30]	D · TX		Dec 4, 2001
Rep. Smith, Lamar [R-TX-21]	R · TX		Dec 4, 2001
Rep. Smith, Nick [R-MI-7]	R · MI		Dec 4, 2001
Rep. Eshoo, Anna G. [D-CA-14]	D · CA		Dec 18, 2001
Rep. Forbes, J. Randy [R-VA-4]	R · VA		Dec 18, 2001
Rep. Morella, Constance A. [R-MD-8]	R · MD		Dec 18, 2001

Committee Activity

Committee	Chamber	Activity	Date
Commerce, Science, and Transportation Committee	Senate	Discharged From	Oct 17, 2002
Education and Workforce Committee	House	Discharged From	Feb 4, 2002
Science, Space, and Technology Committee	House	Reported By	Feb 4, 2002

Subjects & Policy Tags

Policy Area:

Science, Technology, Communications

Related Bills

Bill	Relationship	Last Action
107 S 2182	Companion bill	Oct 16, 2002: Returned to the Calendar. Calendar No. 549.
107 HRES 343	Procedurally related	Feb 7, 2002: Motion to reconsider laid on the table Agreed to without objection.

Cyber Security Research and Development Act - Authorizes appropriations to the National Science Foundation (NSF) and to the Secretary of Commerce for the National Institute of Standards and Technology (NIST) to establish new programs, and to increase funding for certain current programs, for computer and network security (CNS) research and development and CNS research fellowships.

(Sec. 4) Requires the NSF Director to award grants for CNS through: (1) basic research in innovative approaches to the structure of hardware and software; and (2) multidisciplinary research centers of institutions of higher education (IHEs) or consortia thereof which may partner with government laboratories or for-profit institutions.

(Sec. 5) Requires the NSF Director to establish programs of grants to IHEs for: (1) capacity-building of undergraduate and master's degree programs in CNS; (2) graduate traineeships in CNS research; and (3) CNS faculty development traineeship programs to enable graduate students to pursue academic careers in cyber security upon completion of doctoral degrees. Requires the Secretary to provide certain education-related grants under the Scientific and Advanced Technology Act of 1992, but authorizes funds only to support activities to improve education in CNS-related fields. Requires that CNS be included among the fields of specialization supported by NSF's Graduate Research Fellowships program under the National Science Foundation Act of 1950.

(Sec. 7) Amends the National Science Foundation Act of 1950 to require the NSF to take a leading role in supporting research and education activities to improve networked information systems' security.

(Sec. 8) Amends the National Institute of Standards and Technology Act (NISTA) to require the NIST Director, through the Director of the Office for Information Security Programs, to establish a program of assistance to IHEs that enter into partnerships with for-profit entities to support research to improve CNS. Authorizes the NIST Director to establish a program to award post-doctoral research fellowships, including senior fellowships, to individuals seeking research positions at institutions engaged in research activities related to CNS. Provides for periodic program review, as well as a comprehensive review after five program years.

Requires the NIST Director to develop CNS checklists for Federal Government computer hardware or software systems.

(Sec. 9) Amends NISTA to authorize appropriations to enable the Computer System Security and Privacy Advisory Board to: (1) identify emerging issues related to computer security, privacy, and cryptography; (2) convene public meetings, and (3) publish and disseminate information.

(Sec. 10) Requires NIST to carry out specified types of intramural computer security research.

(Sec. 11) Authorizes appropriations to the Secretary of Commerce for NIST for: (1) the CNS research program; and (2) intramural computer security research.

(Sec. 12) Requires the NIST Director to arrange with the National Research Council of the National Academy of Sciences to study and report to specified congressional committees on vulnerabilities of the Nation's network infrastructure and recommendations for improvements.

(Sec. 13) Requires the NSF and NIST Directors to: (1) coordinate the research programs under this Act; and (2) work with the Director of the Office of Science and Technology Policy to ensure that programs under this Act are taken into account in any Government-wide cyber security research effort.

(Sec. 16) Prohibits the award of grants or fellowships under this Act to: (1) individuals who are in violation of their status as nonimmigrants under the Immigration and Nationality Act (INA); (2) individuals who are aliens from a country that is a state sponsor of terrorism, under the Enhanced Border Security and VISA Entry Reform Act (EBSVERA); or (3) institutions that have materially failed to comply with recordkeeping and reporting requirements to receive nonimmigrant students or exchange visitor program participants under INA or the Illegal Immigration Reform and Responsibility Act of 1996, or have been suspended or terminated under EBSVERA.

(Sec. 17) Requires a report to Congress reviewing this Act to ensure that grants and fellowships are being awarded to individuals and institutions in compliance with INA in order to protect our national security.

Actions Timeline

- **Nov 27, 2002:** Signed by President.
- **Nov 27, 2002:** Signed by President.
- **Nov 27, 2002:** Became Public Law No: 107-305.
- **Nov 27, 2002:** Became Public Law No: 107-305.
- **Nov 15, 2002:** Presented to President.
- **Nov 15, 2002:** Presented to President.
- **Nov 12, 2002:** Mr. Boehlert moved that the House suspend the rules and agree to the Senate amendment.
- **Nov 12, 2002:** DEBATE - The House proceeded with forty minutes of debate on the motion to suspend the rules and agree to the Senate amendment to H.R. 3394.
- **Nov 12, 2002:** Resolving differences -- House actions: On motion that the House suspend the rules and agree to the Senate amendment Agreed to by voice vote.(consideration: CR H8067-8079; text as House agreed to Senate amendment: CR H8067-8070)
- **Nov 12, 2002:** On motion that the House suspend the rules and agree to the Senate amendment Agreed to by voice vote. (consideration: CR H8067-8079; text as House agreed to Senate amendment: CR H8067-8070)
- **Nov 12, 2002:** Motion to reconsider laid on the table Agreed to without objection.
- **Oct 17, 2002:** Message on Senate action sent to the House.
- **Oct 16, 2002:** Senate Committee on Commerce, Science, and Transportation discharged by Unanimous Consent.
- **Oct 16, 2002:** Senate Committee on Commerce, Science, and Transportation discharged by Unanimous Consent.
- **Oct 16, 2002:** Measure laid before Senate by unanimous consent. (consideration: CR S10599-10601)
- **Oct 16, 2002:** Senate struck all after the Enacting Clause and substituted the language of S. 2182 amended.
- **Oct 16, 2002:** Passed/agreed to in Senate: Passed Senate in lieu of S. 2182 with an amendment by Unanimous Consent.
- **Oct 16, 2002:** Passed Senate in lieu of S. 2182 with an amendment by Unanimous Consent.
- **Feb 7, 2002:** Rule H. Res. 343 passed House.
- **Feb 7, 2002:** Considered under the provisions of rule H. Res. 343. (consideration: CR H206-215)
- **Feb 7, 2002:** Rule provides for consideration of H.R. 3394 with 1 hour of general debate. Previous question shall be considered as ordered without intervening motions except motion to recommit with or without instructions. Measure will be read by section. Bill is open to amendments.
- **Feb 7, 2002:** House resolved itself into the Committee of the Whole House on the state of the Union pursuant to H. Res. 343 and Rule XXIII.
- **Feb 7, 2002:** The Speaker designated the Honorable John E. Sununu to act as Chairman of the Committee.
- **Feb 7, 2002:** GENERAL DEBATE - The Committee of the Whole proceeded with one hour of general debate on H.R. 3394.
- **Feb 7, 2002:** The House rose from the Committee of the Whole House on the state of the Union to report H.R. 3394.
- **Feb 7, 2002:** The previous question was ordered pursuant to the rule.
- **Feb 7, 2002:** Passed/agreed to in House: On passage Passed by the Yeas and Nays: 400 - 12 (Roll no. 13).(text as passed House: CR H211-213)
- **Feb 7, 2002:** On passage Passed by the Yeas and Nays: 400 - 12 (Roll no. 13). (text as passed House: CR H211-213)
- **Feb 7, 2002:** Motion to reconsider laid on the table Agreed to without objection.
- **Feb 7, 2002:** Received in the Senate and Read twice and referred to the Committee on Commerce, Science, and Transportation.
- **Feb 5, 2002:** Rules Committee Resolution H. Res. 343 Reported to House. Rule provides for consideration of H.R. 3394 with 1 hour of general debate. Previous question shall be considered as ordered without intervening motions except motion to recommit with or without instructions. Measure will be read by section. Bill is open to amendments.
- **Feb 4, 2002:** Reported by the Committee on Science. H. Rept. 107-355, Part I.
- **Feb 4, 2002:** Reported by the Committee on Science. H. Rept. 107-355, Part I.
- **Feb 4, 2002:** House Committee on Education and the Workforce Granted an extension for further consideration ending not later than Feb. 4, 2002.
- **Feb 4, 2002:** Committee on Education and the Workforce discharged.
- **Feb 4, 2002:** Committee on Education and the Workforce discharged.
- **Feb 4, 2002:** Placed on the Union Calendar, Calendar No. 208.

Jan 29, 2002: Mr. Weldon (FL) asked unanimous consent that the Committee on Science, Space and Technology have until midnight on Jan. 31 to file a report on H.R. 3394. Agreed to without objection.

- **Dec 6, 2001:** Committee Consideration and Mark-up Session Held.
- **Dec 6, 2001:** Ordered to be Reported by Voice Vote.
- **Dec 4, 2001:** Introduced in House
- **Dec 4, 2001:** Introduced in House
- **Dec 4, 2001:** Referred to the Committee on Science, and in addition to the Committee on Education and the Workforce, 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.
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