

(4) LIMITATION.—The Secretary may direct or authorize lawful action or the use of the intrusion detection and prevention capabilities under this subsection only to—

(A) protect agency information from unauthorized access, use, disclosure, disruption, modification, or destruction; or

(B) require the remediation of or protect against identified information security risks with respect to—

(i) information collected or maintained by or on behalf of an agency; or

(ii) that portion of an information system used or operated by an agency or by a contractor of an agency or other organization on behalf of an agency.

(i) ANNUAL REPORT TO CONGRESS.—Not later than February 1 of each year, the Director and the Secretary shall submit to the appropriate congressional committees a report regarding the specific actions the Director and the Secretary have taken pursuant to subsection (a)(5), including any actions taken pursuant to section 11303(b)(5) of title 40.

(j) APPROPRIATE CONGRESSIONAL COMMITTEES DEFINED.—In this section, the term “appropriate congressional committees” means—

(1) the Committee on Appropriations and the Committee on Homeland Security and Governmental Affairs of the Senate; and

(2) the Committee on Appropriations, the Committee on Homeland Security, the Committee on Oversight and Government Reform, and the Committee on Science, Space, and Technology of the House of Representatives.

(Added Pub. L. 113–283, §2(a), Dec. 18, 2014, 128 Stat. 3075; amended Pub. L. 114–113, div. N, title II, §§224(e), 229(a), Dec. 18, 2015, 129 Stat. 2967, 2972.)

#### REFERENCES IN TEXT

Section 11331 of title 40, referred to in subsec. (f), was generally amended by both Pub. L. 107–347 and Pub. L. 107–296. As amended by Pub. L. 107–347, effective Dec. 17, 2002, section 11331 of title 40 provided for the prescription by the Secretary of Commerce of standards and guidelines pertaining to Federal information systems. See 2002 Amendment note under that section. As amended by Pub. L. 107–296, effective 60 days after Nov. 25, 2002, section 11331 of title 40 provided for the promulgation by the Director of the Office of Management and Budget of information security standards pertaining to Federal information systems.

Section 230(b)(1) of the Homeland Security Act of 2002, referred to in subsec. (h)(3)(A), is section 230(b)(1) of title II of Pub. L. 107–296, as added by Pub. L. 114–113, div. N, title II, §223(a)(6), Dec. 18, 2015, 129 Stat. 2964, which is classified to section 151(b)(1) of Title 6, Domestic Security.

#### PRIOR PROVISIONS

Provisions similar to this section were contained in sections 3533 and 3543 of this title prior to repeal by Pub. L. 113–283.

#### AMENDMENTS

2015—Subsec. (b)(6)(B). Pub. L. 114–113, §224(e), inserted “, operating, and maintaining” after “deploying”.

Subsecs. (h) to (j). Pub. L. 114–113, §229(a), added subsecs. (h) to (j).

#### BREACHES

Pub. L. 113–283, §2(d), Dec. 18, 2014, 128 Stat. 3085, provided that:

“(1) REQUIREMENTS.—The Director of the Office of Management and Budget shall ensure that data breach notification policies and guidelines are updated periodically and require—

“(A) except as provided in paragraph (4), notice by the affected agency to each committee of Congress described in section 3554(c)(1) of title 44, United States Code, as added by subsection (a), the Committee on the Judiciary of the Senate, and the Committee on the Judiciary of the House of Representatives, which shall—

“(i) be provided expeditiously and not later than 30 days after the date on which the agency discovered the unauthorized acquisition or access; and

“(ii) include—

“(I) information about the breach, including a summary of any information that the agency knows on the date on which notification is provided about how the breach occurred;

“(II) an estimate of the number of individuals affected by the breach, based on information that the agency knows on the date on which notification is provided, including an assessment of the risk of harm to affected individuals;

“(III) a description of any circumstances necessitating a delay in providing notice to affected individuals; and

“(IV) an estimate of whether and when the agency will provide notice to affected individuals; and

“(B) notice by the affected agency to affected individuals, pursuant to data breach notification policies and guidelines, which shall be provided as expeditiously as practicable and without unreasonable delay after the agency discovers the unauthorized acquisition or access.

“(2) NATIONAL SECURITY; LAW ENFORCEMENT; REMEDIATION.—The Attorney General, the head of an element of the intelligence community (as such term is defined under section 3(4) of the National Security Act of 1947 (50 U.S.C. 3003(4)), or the Secretary of Homeland Security may delay the notice to affected individuals under paragraph (1)(B) if the notice would disrupt a law enforcement investigation, endanger national security, or hamper security remediation actions.

“(3) REPORTS.—

“(A) DIRECTOR OF OMB.—During the first 2 years beginning after the date of enactment of this Act [Dec. 18, 2014], the Director of the Office of Management and Budget shall, on an annual basis—

“(i) assess agency implementation of data breach notification policies and guidelines in aggregate; and

“(ii) include the assessment described in clause (i) in the report required under section 3553(c) of title 44, United States Code.

“(B) SECRETARY OF HOMELAND SECURITY.—During the first 2 years beginning after the date of enactment of this Act, the Secretary of Homeland Security shall include an assessment of the status of agency implementation of data breach notification policies and guidelines in the requirements under section 3553(b)(2)(B) of title 44, United States Code.

“(4) EXCEPTION.—Any element of the intelligence community (as such term is defined under section 3(4) of the National Security Act of 1947 (50 U.S.C. 3003(4))) that is required to provide notice under paragraph (1)(A) shall only provide such notice to appropriate committees of Congress.

“(5) RULE OF CONSTRUCTION.—Nothing in paragraph (1) shall be construed to alter any authority of a Federal agency or department.”

Similar provisions were contained in Pub. L. 113–282, §7(b), Dec. 18, 2014, 128 Stat. 3071.

#### § 3554. Federal agency responsibilities

(a) IN GENERAL.—The head of each agency shall—

(1) be responsible for—

(A) providing information security protections commensurate with the risk and magnitude of the harm resulting from unauthorized access, use, disclosure, disruption, modification, or destruction of—

(i) information collected or maintained by or on behalf of the agency; and

(ii) information systems used or operated by an agency or by a contractor of an agency or other organization on behalf of an agency;

(B) complying with the requirements of this subchapter and related policies, procedures, standards, and guidelines, including—

(i) information security standards promulgated under section 11331 of title 40;

(ii) operational directives developed by the Secretary under section 3553(b);

(iii) policies and procedures issued by the Director;

(iv) information security standards and guidelines for national security systems issued in accordance with law and as directed by the President; and

(v) emergency directives issued by the Secretary under section 3553(h); and

(C) ensuring that information security management processes are integrated with agency strategic, operational, and budgetary planning processes;

(2) ensure that senior agency officials provide information security for the information and information systems that support the operations and assets under their control, including through—

(A) assessing the risk and magnitude of the harm that could result from the unauthorized access, use, disclosure, disruption, modification, or destruction of such information or information systems;

(B) determining the levels of information security appropriate to protect such information and information systems in accordance with standards promulgated under section 11331 of title 40, for information security classifications and related requirements;

(C) implementing policies and procedures to cost-effectively reduce risks to an acceptable level; and

(D) periodically testing and evaluating information security controls and techniques to ensure that they are effectively implemented;

(3) delegate to the agency Chief Information Officer established under section 3506 (or comparable official in an agency not covered by such section) the authority to ensure compliance with the requirements imposed on the agency under this subchapter, including—

(A) designating a senior agency information security officer who shall—

(i) carry out the Chief Information Officer's responsibilities under this section;

(ii) possess professional qualifications, including training and experience, required to administer the functions described under this section;

(iii) have information security duties as that official's primary duty; and

(iv) head an office with the mission and resources to assist in ensuring agency compliance with this section;

(B) developing and maintaining an agency-wide information security program as required by subsection (b);

(C) developing and maintaining information security policies, procedures, and control techniques to address all applicable requirements, including those issued under section 3553 of this title and section 11331 of title 40;

(D) training and overseeing personnel with significant responsibilities for information security with respect to such responsibilities; and

(E) assisting senior agency officials concerning their responsibilities under paragraph (2);

(4) ensure that the agency has trained personnel sufficient to assist the agency in complying with the requirements of this subchapter and related policies, procedures, standards, and guidelines;

(5) ensure that the agency Chief Information Officer, in coordination with other senior agency officials, reports annually to the agency head on the effectiveness of the agency information security program, including progress of remedial actions;

(6) ensure that senior agency officials, including chief information officers of component agencies or equivalent officials, carry out responsibilities under this subchapter as directed by the official delegated authority under paragraph (3); and

(7) ensure that all personnel are held accountable for complying with the agency-wide information security program implemented under subsection (b).

(b) AGENCY PROGRAM.—Each agency shall develop, document, and implement an agency-wide information security program to provide information security for the information and information systems that support the operations and assets of the agency, including those provided or managed by another agency, contractor, or other source, that includes—

(1) periodic assessments of the risk and magnitude of the harm that could result from the unauthorized access, use, disclosure, disruption, modification, or destruction of information and information systems that support the operations and assets of the agency, which may include using automated tools consistent with standards and guidelines promulgated under section 11331 of title 40;

(2) policies and procedures that—

(A) are based on the risk assessments required by paragraph (1);

(B) cost-effectively reduce information security risks to an acceptable level;

(C) ensure that information security is addressed throughout the life cycle of each agency information system; and

(D) ensure compliance with—

(i) the requirements of this subchapter;

(ii) policies and procedures as may be prescribed by the Director, and information security standards promulgated under section 11331 of title 40;

(iii) minimally acceptable system configuration requirements, as determined by the agency; and

(iv) any other applicable requirements, including standards and guidelines for national security systems issued in accordance with law and as directed by the President;

(3) subordinate plans for providing adequate information security for networks, facilities, and systems or groups of information systems, as appropriate;

(4) security awareness training to inform personnel, including contractors and other users of information systems that support the operations and assets of the agency, of—

(A) information security risks associated with their activities; and

(B) their responsibilities in complying with agency policies and procedures designed to reduce these risks;

(5) periodic testing and evaluation of the effectiveness of information security policies, procedures, and practices, to be performed with a frequency depending on risk, but no less than annually, of which such testing—

(A) shall include testing of management, operational, and technical controls of every information system identified in the inventory required under section 3505(c);<sup>1</sup>

(B) may include testing relied on in an evaluation under section 3555; and

(C) shall include using automated tools, consistent with standards and guidelines promulgated under section 11331 of title 40;

(6) a process for planning, implementing, evaluating, and documenting remedial action to address any deficiencies in the information security policies, procedures, and practices of the agency;

(7) procedures for detecting, reporting, and responding to security incidents, which—

(A) shall be consistent with the standards and guidelines described in section 3556(b);

(B) may include using automated tools; and

(C) shall include—

(i) mitigating risks associated with such incidents before substantial damage is done;

(ii) notifying and consulting with the Federal information security incident center established in section 3556; and

(iii) notifying and consulting with, as appropriate—

(I) law enforcement agencies and relevant Offices of Inspector General and Offices of General Counsel;

(II) an office designated by the President for any incident involving a national security system;

(III) for a major incident, the committees of Congress described in subsection (c)(1)—

(aa) not later than 7 days after the date on which there is a reasonable basis to conclude that the major incident has occurred; and

(bb) after the initial notification under item (aa), within a reasonable period of time after additional information relating to the incident is discovered, including the summary required under subsection (c)(1)(A)(i); and

(IV) any other agency or office, in accordance with law or as directed by the President; and

(8) plans and procedures to ensure continuity of operations for information systems that support the operations and assets of the agency.

(c) AGENCY REPORTING.—

(1) ANNUAL REPORT.—

(A) IN GENERAL.—Each agency shall submit to the Director, the Secretary, the Committee on Government Reform, the Committee on Homeland Security, and the Committee on Science of the House of Representatives, the Committee on Homeland Security and Governmental Affairs and the Committee on Commerce, Science, and Transportation of the Senate, the appropriate authorization and appropriations committees of Congress, and the Comptroller General a report on the adequacy and effectiveness of information security policies, procedures, and practices, including—

(i) a description of each major information security incident or related sets of incidents, including summaries of—

(I) the threats and threat actors, vulnerabilities, and impacts relating to the incident;

(II) the risk assessments conducted under section 3554(a)(2)(A) of the affected information systems before the date on which the incident occurred;

(III) the status of compliance of the affected information systems with applicable security requirements at the time of the incident; and

(IV) the detection, response, and remediation actions;

(ii) the total number of information security incidents, including a description of incidents resulting in significant compromise of information security, system impact levels, types of incident, and locations of affected systems;

(iii) a description of each major information security incident that involved a breach of personally identifiable information, as defined by the Director, including—

(I) the number of individuals whose information was affected by the major information security incident; and

(II) a description of the information that was breached or exposed; and

(iv) any other information as the Director or the Secretary, in consultation with the Director, may require.

(B) UNCLASSIFIED REPORT.—

(i) IN GENERAL.—Each report submitted under subparagraph (A) shall be in unclas-

<sup>1</sup> So in original. Section 3505 contains two subsecs. (c).

sified form, but may include a classified annex.

(ii) ACCESS TO INFORMATION.—The head of an agency shall ensure that, to the greatest extent practicable, information is included in the unclassified version of the reports submitted by the agency under subparagraph (A).

(2) OTHER PLANS AND REPORTS.—Each agency shall address the adequacy and effectiveness of information security policies, procedures, and practices in management plans and reports.

(d) PERFORMANCE PLAN.—(1) In addition to the requirements of subsection (c), each agency, in consultation with the Director, shall include as part of the performance plan required under section 1115 of title 31 a description of—

(A) the time periods; and

(B) the resources, including budget, staffing, and training,

that are necessary to implement the program required under subsection (b).

(2) The description under paragraph (1) shall be based on the risk assessments required under subsection (b)(1).

(e) PUBLIC NOTICE AND COMMENT.—Each agency shall provide the public with timely notice and opportunities for comment on proposed information security policies and procedures to the extent that such policies and procedures affect communication with the public.

(Added Pub. L. 113–283, §2(a), Dec. 18, 2014, 128 Stat. 3078; amended Pub. L. 114–113, div. N, title II, § 229(b), Dec. 18, 2015, 129 Stat. 2974.)

#### PRIOR PROVISIONS

Provisions similar to this section were contained in sections 3534 and 3544 of this title prior to repeal by Pub. L. 113–283.

#### AMENDMENTS

2015—Subsec. (a)(1)(B)(v). Pub. L. 114–113 added cl. (v).

#### MAJOR INCIDENT

Pub. L. 113–283, §2(b), Dec. 18, 2014, 128 Stat. 3085, provided that: “The Director of the Office of Management and Budget shall—

“(1) develop guidance on what constitutes a major incident for purposes of section 3554(b) of title 44, United States Code, as added by subsection (a); and

“(2) provide to Congress periodic briefings on the status of the developing of the guidance until the date on which the guidance is issued.”

### § 3555. Annual independent evaluation

(a) IN GENERAL.—(1) Each year each agency shall have performed an independent evaluation of the information security program and practices of that agency to determine the effectiveness of such program and practices.

(2) Each evaluation under this section shall include—

(A) testing of the effectiveness of information security policies, procedures, and practices of a representative subset of the agency’s information systems;

(B) an assessment of the effectiveness of the information security policies, procedures, and practices of the agency; and

(C) separate presentations, as appropriate, regarding information security relating to national security systems.

(b) INDEPENDENT AUDITOR.—Subject to subsection (c)—

(1) for each agency with an Inspector General appointed under the Inspector General Act of 1978, the annual evaluation required by this section shall be performed by the Inspector General or by an independent external auditor, as determined by the Inspector General of the agency; and

(2) for each agency to which paragraph (1) does not apply, the head of the agency shall engage an independent external auditor to perform the evaluation.

(c) NATIONAL SECURITY SYSTEMS.—For each agency operating or exercising control of a national security system, that portion of the evaluation required by this section directly relating to a national security system shall be performed—

(1) only by an entity designated by the agency head; and

(2) in such a manner as to ensure appropriate protection for information associated with any information security vulnerability in such system commensurate with the risk and in accordance with all applicable laws.

(d) EXISTING EVALUATIONS.—The evaluation required by this section may be based in whole or in part on an audit, evaluation, or report relating to programs or practices of the applicable agency.

(e) AGENCY REPORTING.—(1) Each year, not later than such date established by the Director, the head of each agency shall submit to the Director the results of the evaluation required under this section.

(2) To the extent an evaluation required under this section directly relates to a national security system, the evaluation results submitted to the Director shall contain only a summary and assessment of that portion of the evaluation directly relating to a national security system.

(f) PROTECTION OF INFORMATION.—Agencies and evaluators shall take appropriate steps to ensure the protection of information which, if disclosed, may adversely affect information security. Such protections shall be commensurate with the risk and comply with all applicable laws and regulations.

(g) OMB REPORTS TO CONGRESS.—(1) The Director shall summarize the results of the evaluations conducted under this section in the report to Congress required under section 3553(c).

(2) The Director’s report to Congress under this subsection shall summarize information regarding information security relating to national security systems in such a manner as to ensure appropriate protection for information associated with any information security vulnerability in such system commensurate with the risk and in accordance with all applicable laws.

(3) Evaluations and any other descriptions of information systems under the authority and control of the Director of National Intelligence or of National Foreign Intelligence Programs systems under the authority and control of the Secretary of Defense shall be made available to Congress only through the appropriate oversight committees of Congress, in accordance with applicable laws.