TITLE I—CYBERSECURITY INFORMATION SHARING

SEC. 101. SHORT TITLE. This title may be cited as the ‘‘Cybersecurity Information Sharing Act of 2015’’.

SEC. 102. DEFINITIONS. In this title:

(1) AGENCY.—The term ‘‘agency’’ has the meaning given the term in section 3502 of title 44, United States Code.

(2) ANTITRUST LAWS.—The term ‘‘antitrust laws’’—

(A) has the meaning given the term in the first section of the Clayton Act (15 U.S.C. 12);

(B) includes section 5 of the Federal Trade Commission Act (15 U.S.C. 45) to the extent that section 5 of that Act applies to unfair methods of competition; and

(C) includes any State antitrust law, but only to the extent that such law is consistent with the law referred to in subparagraph (A) or the law referred to in subparagraph (B).

(3) APPROPRIATE FEDERAL ENTITIES.—The term ‘‘appropriate Federal entities’’ means the following:

(A) The Department of Commerce.

(B) The Department of Defense.

(C) The Department of Energy.

(D) The Department of Homeland Security.

(E) The Department of Justice.

(F) The Department of the Treasury.

(G) The Office of the Director of National Intelligence.

(4) CYBERSECURITY PURPOSE.—The term ‘‘cybersecurity purpose’’ means the purpose of protecting an information system or information that is stored on, processed by, or transiting an information system from a cybersecurity threat or security vulnerability. 6 USC 1501. 6 USC 1501 note. Cybersecurity Information Sharing Act of 2015. VerDate Sep 11 2014 09:43 Mar 09, 2016 Jkt 059139 PO 00113 Frm 00696 Fmt 6580 Sfmt 6581 E:\PUBLAW\PUBL113.114 PUBL113 dkrause on DSKHT7XVN1PROD with PUBLAWS PUBLIC LAW 114–113—DEC. 18, 2015 129 STAT. 2937

(5) CYBERSECURITY THREAT.—

(A) IN GENERAL.—Except as provided in subparagraph (B), the term ‘‘cybersecurity threat’’ means an action, not protected by the First Amendment to the Constitution of the United States, on or through an information system that may result in an unauthorized effort to adversely impact the security, availability, confidentiality, or integrity of an information system or information that is stored on, processed by, or transiting an information system.

(B) EXCLUSION.—The term ‘‘cybersecurity threat’’ does not include any action that solely involves a violation of a consumer term of service or a consumer licensing agreement.

(6) CYBER THREAT INDICATOR.—The term ‘‘cyber threat indicator’’ means information that is necessary to describe or identify—

(A) malicious reconnaissance, including anomalous patterns of communications that appear to be transmitted for the purpose of gathering technical information related to a cybersecurity threat or security vulnerability;

(B) a method of defeating a security control or exploitation of a security vulnerability;

(C) a security vulnerability, including anomalous activity that appears to indicate the existence of a security vulnerability;

(D) a method of causing a user with legitimate access to an information system or information that is stored on, processed by, or transiting an information system to unwittingly enable the defeat of a security control or exploitation of a security vulnerability;

(E) malicious cyber command and control;

(F) the actual or potential harm caused by an incident, including a description of the information exfiltrated as a result of a particular cybersecurity threat;

(G) any other attribute of a cybersecurity threat, if disclosure of such attribute is not otherwise prohibited by law; or

(H) any combination thereof.

(7) DEFENSIVE MEASURE.—

(A) IN GENERAL.—Except as provided in subparagraph (B), the term ‘‘defensive measure’’ means an action, device, procedure, signature, technique, or other measure applied to an information system or information that is stored on, processed by, or transiting an information system that detects, prevents, or mitigates a known or suspected cybersecurity threat or security vulnerability.

(B) EXCLUSION.—The term ‘‘defensive measure’’ does not include a measure that destroys, renders unusable, provides unauthorized access to, or substantially harms an information system or information stored on, processed by, or transiting such information system not owned by—

(i) the private entity operating the measure; or

(ii) another entity or Federal entity that is authorized to provide consent and has provided consent to that private entity for operation of such measure.

(8) FEDERAL ENTITY.—The term ‘‘Federal entity’’ means a department or agency of the United States or any component of such department or agency.

(9) INFORMATION SYSTEM.—The term ‘‘information system’’— (A) has the meaning given the term in section 3502 of title 44, United States Code; and (B) includes industrial control systems, such as supervisory control and data acquisition systems, distributed control systems, and programmable logic controllers.

(10) LOCAL GOVERNMENT.—The term ‘‘local government’’ means any borough, city, county, parish, town, township, village, or other political subdivision of a State.

(11) MALICIOUS CYBER COMMAND AND CONTROL.—The term ‘‘malicious cyber command and control’’ means a method for unauthorized remote identification of, access to, or use of, an information system or information that is stored on, processed by, or transiting an information system.

(12) MALICIOUS RECONNAISSANCE.—The term ‘‘malicious reconnaissance’’ means a method for actively probing or passively monitoring an information system for the purpose of discerning security vulnerabilities of the information system, if such method is associated with a known or suspected cybersecurity threat.

(13) MONITOR.—The term ‘‘monitor’’ means to acquire, identify, or scan, or to possess, information that is stored on, processed by, or transiting an information system. (14) NON-FEDERAL ENTITY.—

(A) IN GENERAL.—Except as otherwise provided in this paragraph, the term ‘‘non-Federal entity’’ means any private entity, non-Federal government agency or department, or State, tribal, or local government (including a political subdivision, department, or component thereof).

(B) INCLUSIONS.—The term ‘‘non-Federal entity’’ includes a government agency or department of the District of Columbia, the Commonwealth of Puerto Rico, the United States Virgin Islands, Guam, American Samoa, the Northern Mariana Islands, and any other territory or possession of the United States.

(C) EXCLUSION.—The term ‘‘non-Federal entity’’ does not include a foreign power as defined in section 101 of the Foreign Intelligence Surveillance Act of 1978 (50 U.S.C. 1801).

(15) PRIVATE ENTITY.—

(A) IN GENERAL.—Except as otherwise provided in this paragraph, the term ‘‘private entity’’ means any person or private group, organization, proprietorship, partnership, trust, cooperative, corporation, or other commercial or nonprofit entity, including an officer, employee, or agent thereof.

(B) INCLUSION.—The term ‘‘private entity’’ includes a State, tribal, or local government performing utility services, such as electric, natural gas, or water services.

(C) EXCLUSION.—The term ‘‘private entity’’ does not include a foreign power as defined in section 101 of the Foreign Intelligence Surveillance Act of 1978 (50 U.S.C. 1801). 129 STAT. 2939

(16) SECURITY CONTROL.—The term ‘‘security control’’ means the management, operational, and technical controls used to protect against an unauthorized effort to adversely affect the confidentiality, integrity, and availability of an information system or its information.

(17) SECURITY VULNERABILITY.—The term ‘‘security vulnerability’’ means any attribute of hardware, software, process, or procedure that could enable or facilitate the defeat of a security control.

(18) TRIBAL.—The term ‘‘tribal’’ has the meaning given the term ‘‘Indian tribe’’ in section 4 of the Indian Self-Determination and Education Assistance Act (25 U.S.C. 450b).

SEC. 103. SHARING OF INFORMATION BY THE FEDERAL GOVERNMENT.

(a) IN GENERAL.—Consistent with the protection of classified information, intelligence sources and methods, and privacy and civil liberties, the Director of National Intelligence, the Secretary of Homeland Security, the Secretary of Defense, and the Attorney General, in consultation with the heads of the appropriate Federal entities, shall jointly develop and issue procedures to facilitate and promote—

(1) the timely sharing of classified cyber threat indicators and defensive measures in the possession of the Federal Government with representatives of relevant Federal entities and non-Federal entities that have appropriate security clearances;

(2) the timely sharing with relevant Federal entities and non-Federal entities of cyber threat indicators, defensive measures, and information relating to cybersecurity threats or authorized uses under this title, in the possession of the Federal Government that may be declassified and shared at an unclassified level;

(3) the timely sharing with relevant Federal entities and non-Federal entities, or the public if appropriate, of unclassified, including controlled unclassified, cyber threat indicators and defensive measures in the possession of the Federal Government;

(4) the timely sharing with Federal entities and non-Federal entities, if appropriate, of information relating to cybersecurity threats or authorized uses under this title, in the possession of the Federal Government about cybersecurity threats to such entities to prevent or mitigate adverse effects from such cybersecurity threats; and

(5) the periodic sharing, through publication and targeted outreach, of cybersecurity best practices that are developed based on ongoing analyses of cyber threat indicators, defensive measures, and information relating to cybersecurity threats or authorized uses under this title, in the possession of the Federal Government, with attention to accessibility and implementation challenges faced by small business concerns (as defined in section 3 of the Small Business Act (15 U.S.C. 632)).

(b) DEVELOPMENT OF PROCEDURES.—

(1) IN GENERAL.—The procedures developed under subsection (a) shall—

(A) ensure the Federal Government has and maintains the capability to share cyber threat indicators and defensive measures in real time consistent with the protection of classified information;

(B) incorporate, to the greatest extent practicable, existing processes and existing roles and responsibilities of Federal entities and non-Federal entities for information sharing by the Federal Government, including sector specific information sharing and analysis centers;

(C) include procedures for notifying, in a timely manner, Federal entities and non-Federal entities that have received a cyber threat indicator or defensive measure from a Federal entity under this title that is known or determined to be in error or in contravention of the

requirements of this title or another provision of Federal law or policy of such error or contravention;

(D) include requirements for Federal entities sharing cyber threat indicators or defensive measures to implement and utilize security controls to protect against unauthorized access to or acquisition of such cyber threat indicators or defensive measures;

(E) include procedures that require a Federal entity, prior to the sharing of a cyber threat indicator—

(i) to review such cyber threat indicator to assess whether such cyber threat indicator contains any information not directly related to a cybersecurity threat that such Federal entity knows at the time of sharing to be personal information of a specific individual or information that identifies a specific individual and remove such information; or

(ii) to implement and utilize a technical capability configured to remove any information not directly related to a cybersecurity threat that the Federal entity knows at the time of sharing to be personal information of a specific individual or information that identifies a specific individual; and

(F) include procedures for notifying, in a timely manner, any United States person whose personal information is known or determined to have been shared by a Federal entity in violation of this title.

(2) CONSULTATION.—In developing the procedures required under this section, the Director of National Intelligence, the Secretary of Homeland Security, the Secretary of Defense, and the Attorney General shall consult with appropriate Federal entities, including the Small Business Administration and the National Laboratories (as defined in section 2 of the Energy Policy Act of 2005 (42 U.S.C. 15801)), to ensure that effective protocols are implemented that will facilitate and promote the sharing of cyber threat indicators by the Federal Government in a timely manner.

(c) SUBMITTAL TO CONGRESS.—Not later than 60 days after the date of the enactment of this Act, the Director of National Intelligence, in consultation with the heads of the appropriate Federal entities, shall submit to Congress the procedures required by subsection (a).

SEC. 104. AUTHORIZATIONS FOR PREVENTING, DETECTING, ANALYZING, AND MITIGATING CYBERSECURITY THREATS.

(a) AUTHORIZATION FOR MONITORING.—

(1) IN GENERAL.—Notwithstanding any other provision of law, a private entity may, for cybersecurity purposes, monitor—

(A) an information system of such private entity;

(B) an information system of another non-Federal entity, upon the authorization and written consent of such other entity;

(C) an information system of a Federal entity, upon the authorization and written consent of an authorized representative of the Federal entity; and

(D) information that is stored on, processed by, or transiting an information system monitored by the private entity under this paragraph.

(2) CONSTRUCTION.—Nothing in this subsection shall be construed—

(A) to authorize the monitoring of an information system, or the use of any information obtained through such monitoring, other than as provided in this title; or

(B) to limit otherwise lawful activity.

(b) AUTHORIZATION FOR OPERATION OF DEFENSIVE MEASURES.—

(1) IN GENERAL.—Notwithstanding any other provision of law, a private entity may, for cybersecurity purposes, operate a defensive measure that is applied to—

(A) an information system of such private entity in order to protect the rights or property of the private entity;

(B) an information system of another non-Federal entity upon written consent of such entity for operation of such defensive measure to protect the rights or property of such entity; and

(C) an information system of a Federal entity upon written consent of an authorized representative of such Federal entity for operation of such defensive measure to protect the rights or property of the Federal Government.

(2) CONSTRUCTION.—Nothing in this subsection shall be construed—

(A) to authorize the use of a defensive measure other than as provided in this subsection; or

(B) to limit otherwise lawful activity.

(c) AUTHORIZATION FOR SHARING OR RECEIVING CYBER THREAT INDICATORS OR DEFENSIVE MEASURES.—

(1) IN GENERAL.—Except as provided in paragraph (2) and notwithstanding any other provision of law, a non-Federal entity may, for a cybersecurity purpose and consistent with the protection of classified information, share with, or receive from, any other non-Federal entity or the Federal Government a cyber threat indicator or defensive measure.

(2) LAWFUL RESTRICTION.—A non-Federal entity receiving a cyber threat indicator or defensive measure from another non-Federal entity or a Federal entity shall comply with otherwise lawful restrictions placed on the sharing or use of such cyber threat indicator or defensive measure by the sharing non-Federal entity or Federal entity.

(3) CONSTRUCTION.—Nothing in this subsection shall be construed—

(A) to authorize the sharing or receiving of a cyber threat indicator or defensive measure other than as provided in this subsection; or

(B) to limit otherwise lawful activity.

(d) PROTECTION AND USE OF INFORMATION.—

(1) SECURITY OF INFORMATION.—A non-Federal entity monitoring an information system, operating a defensive measure, or providing or receiving a cyber threat indicator or defensive measure under this section shall implement and utilize a security control to protect against unauthorized access to or acquisition of such cyber threat indicator or defensive measure.

(2) REMOVAL OF CERTAIN PERSONAL INFORMATION.—A nonFederal entity sharing a cyber threat indicator pursuant to this title shall, prior to such sharing—

(A) review such cyber threat indicator to assess whether such cyber threat indicator contains any information not directly related to a cybersecurity threat that the non-Federal entity knows at the time of sharing to be personal information of a specific individual or information that identifies a specific individual and remove such information; or

(B) implement and utilize a technical capability configured to remove any information not directly related to a cybersecurity threat that the non-Federal entity knows at the time of sharing to be personal information of a specific individual or information that identifies a specific individual.

(3) USE OF CYBER THREAT INDICATORS AND DEFENSIVE MEASURES BY NON-FEDERAL ENTITIES.—

(A) IN GENERAL.—Consistent with this title, a cyber threat indicator or defensive measure shared or received under this section may, for cybersecurity purposes—

(i) be used by a non-Federal entity to monitor or operate a defensive measure that is applied to—

(I) an information system of the non-Federal entity; or

(II) an information system of another nonFederal entity or a Federal entity upon the written consent of that other non-Federal entity or that Federal entity; and

(ii) be otherwise used, retained, and further shared by a non-Federal entity subject to—

(I) an otherwise lawful restriction placed by the sharing non-Federal entity or Federal entity on such cyber threat indicator or defensive measure; or

(II) an otherwise applicable provision of law.

(B) CONSTRUCTION.—Nothing in this paragraph shall be construed to authorize the use of a cyber threat indicator or defensive measure other than as provided in this section.

(4) USE OF CYBER THREAT INDICATORS BY STATE, TRIBAL, OR LOCAL GOVERNMENT.—

(A) LAW ENFORCEMENT USE.—A State, tribal, or local government that receives a cyber threat indicator or defensive measure under this title may use such cyber threat indicator or defensive measure for the purposes described in section 105(d)(5)(A).

(B) EXEMPTION FROM DISCLOSURE.—A cyber threat indicator or defensive measure shared by or with a State, tribal, or local government, including a component of a State, tribal, or local government that is a private entity, under this section shall be—

(i) deemed voluntarily shared information; and

(ii) exempt from disclosure under any provision of State, tribal, or local freedom of information law, open government law, open meetings law, open records law, sunshine law, or similar law requiring disclosure of information or records.

(C) STATE, TRIBAL, AND LOCAL REGULATORY AUTHORITY.—

(i) IN GENERAL.—Except as provided in clause (ii), a cyber threat indicator or defensive measure shared with a State, tribal, or local government under this title shall not be used by any State, tribal, or local government to regulate, including an enforcement action, the lawful activity of any non-Federal entity or any activity taken by a non-Federal entity pursuant to mandatory standards, including an activity relating to monitoring, operating a defensive measure, or sharing of a cyber threat indicator.

(ii) REGULATORY AUTHORITY SPECIFICALLY RELATING TO PREVENTION OR MITIGATION OF CYBERSECURITY THREATS.—A cyber threat indicator or defensive measure shared as described in clause (i) may, consistent with a State, tribal, or local government regulatory authority specifically relating to the prevention or mitigation of cybersecurity threats to information systems, inform the development or implementation of a regulation relating to such information systems.

(e) ANTITRUST EXEMPTION.—

(1) IN GENERAL.—Except as provided in section 108(e), it shall not be considered a violation of any provision of antitrust laws for 2 or more private entities to exchange or provide a cyber threat indicator or defensive measure, or assistance relating to the prevention, investigation, or mitigation of a cybersecurity threat, for cybersecurity purposes under this title.

(2) APPLICABILITY.—Paragraph (1) shall apply only to information that is exchanged or assistance provided in order to assist with—

(A) facilitating the prevention, investigation, or mitigation of a cybersecurity threat to an information system or information that is stored on, processed by, or transiting an information system; or

(B) communicating or disclosing a cyber threat indicator to help prevent, investigate, or mitigate the effect of a cybersecurity threat to an information system or information that is stored on, processed by, or transiting an information system.

(f) NO RIGHT OR BENEFIT.—The sharing of a cyber threat indicator or defensive measure with a non-Federal entity under this title shall not create a right or benefit to similar information by such non-Federal entity or any other non-Federal entity.

SEC. 105. SHARING OF CYBER THREAT INDICATORS AND DEFENSIVE MEASURES WITH THE FEDERAL GOVERNMENT.

(a) REQUIREMENT FOR POLICIES AND PROCEDURES.—

(1) INTERIM POLICIES AND PROCEDURES.—Not later than 60 days after the date of the enactment of this Act, the Attorney General and the Secretary of Homeland Security shall, in consultation with the heads of the appropriate Federal entities, jointly develop and submit to Congress interim policies and procedures relating to the receipt of cyber threat indicators and defensive measures by the Federal Government.

(2) FINAL POLICIES AND PROCEDURES.—Not later than 180 days after the date of the enactment of this Act, the Attorney General and the Secretary of Homeland Security shall, in consultation with the heads of the appropriate Federal entities, jointly issue and make publicly available final policies and procedures relating to the receipt of cyber threat indicators and defensive measures by the Federal Government.

(3) REQUIREMENTS CONCERNING POLICIES AND PROCE- DURES.—Consistent with the guidelines required by subsection (b), the policies and procedures developed or issued under this subsection shall—

(A) ensure that cyber threat indicators shared with the Federal Government by any non-Federal entity pursuant to section 104(c) through the real-time process described in subsection (c) of this section—

(i) are shared in an automated manner with all of the appropriate Federal entities;

(ii) are only subject to a delay, modification, or other action due to controls established for such realtime process that could impede real-time receipt by all of the appropriate Federal entities when the delay, modification, or other action is due to controls—

(I) agreed upon unanimously by all of the heads of the appropriate Federal entities;

(II) carried out before any of the appropriate Federal entities retains or uses the cyber threat indicators or defensive measures; and

(III) uniformly applied such that each of the appropriate Federal entities is subject to the same delay, modification, or other action; and

(iii) may be provided to other Federal entities;

(B) ensure that cyber threat indicators shared with the Federal Government by any non-Federal entity pursuant to section 104 in a manner other than the real-time process described in subsection (c) of this section—

(i) are shared as quickly as operationally practicable with all of the appropriate Federal entities;

(ii) are not subject to any unnecessary delay, interference, or any other action that could impede receipt by all of the appropriate Federal entities; and

(iii) may be provided to other Federal entities; and

(C) ensure there are—

(i) audit capabilities; and

(ii) appropriate sanctions in place for officers, employees, or agents of a Federal entity who knowingly and willfully conduct activities under this title in an unauthorized manner.

(4) GUIDELINES FOR ENTITIES SHARING CYBER THREAT INDICATORS WITH FEDERAL GOVERNMENT.—

(A) IN GENERAL.—Not later than 60 days after the date of the enactment of this Act, the Attorney General and the Secretary of Homeland Security shall jointly develop and make publicly available guidance to assist entities and promote sharing of cyber threat indicators with Federal entities under this title.

(B) CONTENTS.—The guidelines developed and made publicly available under subparagraph (A) shall include guidance on the following:

(i) Identification of types of information that would qualify as a cyber threat indicator under this title that would be unlikely to include information that—

(I) is not directly related to a cybersecurity threat; and

(II) is personal information of a specific individual or information that identifies a specific individual.

(ii) Identification of types of information protected under otherwise applicable privacy laws that are unlikely to be directly related to a cybersecurity threat.

(iii) Such other matters as the Attorney General and the Secretary of Homeland Security consider appropriate for entities sharing cyber threat indicators with Federal entities under this title.

(b) PRIVACY AND CIVIL LIBERTIES.—

(1) INTERIM GUIDELINES.—Not later than 60 days after the date of the enactment of this Act, the Attorney General and the Secretary of Homeland Security shall, in consultation with heads of the appropriate Federal entities and in consultation with officers designated under section

1062 of the National Security Intelligence Reform Act of 2004 (42 U.S.C. 2000ee– 1), jointly develop, submit to Congress, and make available to the public interim guidelines relating to privacy and civil liberties which shall govern the receipt, retention, use, and dissemination of cyber threat indicators by a Federal entity obtained in connection with activities authorized in this title.

(2) FINAL GUIDELINES.—

(A) IN GENERAL.—Not later than 180 days after the date of the enactment of this Act, the Attorney General and the Secretary of Homeland Security shall, in coordination with heads of the appropriate Federal entities and in consultation with officers designated under section 1062 of the National Security Intelligence Reform Act of 2004 (42 U.S.C. 2000ee–1) and such private entities with industry expertise as the Attorney General and the Secretary consider relevant, jointly issue and make publicly available final guidelines relating to privacy and civil liberties which shall govern the receipt, retention, use, and dissemination of cyber threat indicators by a Federal entity obtained in connection with activities authorized in this title.

(B) PERIODIC REVIEW.—The Attorney General and the Secretary of Homeland Security shall, in coordination with heads of the appropriate Federal entities and in consultation with officers and private entities described in subparagraph (A), periodically, but not less frequently than once every 2 years, jointly review the guidelines issued under subparagraph (A).

(3) CONTENT.—The guidelines required by paragraphs (1) and (2) shall, consistent with the need to protect information systems from cybersecurity threats and mitigate cybersecurity threats—

(A) limit the effect on privacy and civil liberties of activities by the Federal Government under this title;

(B) limit the receipt, retention, use, and dissemination of cyber threat indicators containing personal information of specific individuals or information that identifies specific individuals, including by establishing—

(i) a process for the timely destruction of such information that is known not to be directly related to uses authorized under this title; and

(ii) specific limitations on the length of any period in which a cyber threat indicator may be retained;

(C) include requirements to safeguard cyber threat indicators containing personal information of specific individuals or information that identifies specific individuals from unauthorized access or acquisition, including appropriate sanctions for activities by officers, employees, or agents of the Federal Government in contravention of such guidelines;

(D) consistent with this title, any other applicable provisions of law, and the fair information practice principles set forth in appendix A of the document entitled ‘‘National Strategy for Trusted Identities in Cyberspace’’ and published by the President in April 2011, govern the retention, use, and dissemination by the Federal Government of cyber threat indicators shared with the Federal Government under this title, including the extent, if any, to which such cyber threat indicators may be used by the Federal Government;

(E) include procedures for notifying entities and Federal entities if information received pursuant to this section is known or determined by a Federal entity receiving such information not to constitute a cyber threat indicator;

(F) protect the confidentiality of cyber threat indicators containing personal information of specific individuals or information that identifies specific individuals to the greatest extent practicable and require recipients to be informed that such indicators may only be used for purposes authorized under this title; and

(G) include steps that may be needed so that dissemination of cyber threat indicators is consistent with the protection of classified and other sensitive national security information.

(c) CAPABILITY AND PROCESS WITHIN THE DEPARTMENT OF HOMELAND SECURITY.—

(1) IN GENERAL.—Not later than 90 days after the date of the enactment of this Act, the Secretary of Homeland Security, in coordination with the heads of the appropriate Federal entities, shall develop and implement a capability and process within the Department of Homeland Security that—

(A) shall accept from any non-Federal entity in real time cyber threat indicators and defensive measures, pursuant to this section;

(B) shall, upon submittal of the certification under paragraph (2) that such capability and process fully and effectively operates as described in such paragraph, be the process by which the Federal Government receives cyber threat indicators and defensive measures under this title that are shared by a non-Federal entity with the Federal Government through electronic mail or media, an interactive form on an Internet website, or a real time, automated process between information systems except—

(i) consistent with section 104, communications between a Federal entity and a non-Federal entity regarding a previously shared cyber threat indicator to describe the relevant cybersecurity threat or develop a defensive measure based on such cyber threat indicator; and

(ii) communications by a regulated non-Federal entity with such entity's Federal regulatory authority regarding a cybersecurity threat;

(C) ensures that all of the appropriate Federal entities receive in an automated manner such cyber threat indicators and defensive measures shared through the real-time process within the Department of Homeland Security;

(D) is in compliance with the policies, procedures, and guidelines required by this section; and

(E) does not limit or prohibit otherwise lawful disclosures of communications, records, or other information, including—

(i) reporting of known or suspected criminal activity, by a non-Federal entity to any other nonFederal entity or a Federal entity, including cyber threat indicators or defensive measures shared with a Federal entity in furtherance of opening a Federal law enforcement investigation;

(ii) voluntary or legally compelled participation in a Federal investigation; and

(iii) providing cyber threat indicators or defensive measures as part of a statutory or authorized contractual requirement.

(2) CERTIFICATION AND DESIGNATION.—

(A) CERTIFICATION OF CAPABILITY AND PROCESS.—Not later than 90 days after the date of the enactment of this Act, the Secretary of Homeland Security shall, in consultation with the heads of the appropriate Federal entities, submit to Congress a certification as to whether the capability and process required by paragraph (1) fully and effectively operates—

(i) as the process by which the Federal Government receives from any non-Federal entity a cyber threat indicator or defensive measure under this title; and

(ii) in accordance with the interim policies, procedures, and guidelines developed under this title.

(B) DESIGNATION.—

(i) IN GENERAL.—At any time after certification is submitted under subparagraph (A), the President may designate an appropriate Federal entity, other than the Department of Defense (including the National Security Agency), to develop and implement a capability and process as described in paragraph (1) in addition to the capability and process developed under such paragraph by the Secretary of Homeland Security, if, not fewer than 30 days before making such designation, the President submits to Congress a certification and explanation that—

(I) such designation is necessary to ensure that full, effective, and secure operation of a capability and process for the Federal Government to receive from any non-Federal entity cyber threat indicators or defensive measures under this title;

(II) the designated appropriate Federal entity will receive and share cyber threat indicators and defensive measures in accordance with the policies, procedures, and guidelines developed under this title, including subsection (a)(3)(A); and

(III) such designation is consistent with the mission of such appropriate Federal entity and improves the ability of the Federal Government to receive, share, and use cyber threat indicators and defensive measures as authorized under this title.

(ii) APPLICATION TO ADDITIONAL CAPABILITY AND PROCESS.—If the President designates an appropriate Federal entity to develop and implement a capability and process under clause (i), the provisions of this title that apply to the capability and process required by paragraph (1) shall also be construed to apply to the capability and process developed and implemented under clause (i).

(3) PUBLIC NOTICE AND ACCESS.—The Secretary of Homeland Security shall ensure there is public notice of, and access to, the capability and process developed and implemented under paragraph (1) so that—

(A) any non-Federal entity may share cyber threat indicators and defensive measures through such process with the Federal Government; and

(B) all of the appropriate Federal entities receive such cyber threat indicators and defensive measures in real time with receipt through the process within the Department of Homeland Security consistent with the policies and procedures issued under subsection (a).

(4) OTHER FEDERAL ENTITIES.—The process developed and implemented under paragraph (1) shall ensure that other Federal entities receive in a timely manner any cyber threat indicators and defensive measures shared with the Federal Government through such process.

(d) INFORMATION SHARED WITH OR PROVIDED TO THE FEDERAL GOVERNMENT.—

(1) NO WAIVER OF PRIVILEGE OR PROTECTION.—The provision of cyber threat indicators and defensive measures to the Federal Government under this title shall not constitute a waiver of any applicable privilege or protection provided by law, including trade secret protection.

(2) PROPRIETARY INFORMATION.—Consistent with section 104(c)(2) and any other applicable provision of law, a cyber threat indicator or defensive measure provided by a non-Federal entity to the Federal Government under this title shall be considered the commercial, financial, and proprietary information of such non-Federal entity when so designated by the originating non-Federal entity or a third party acting in accordance with the written authorization of the originating nonFederal entity.

(3) EXEMPTION FROM DISCLOSURE.—A cyber threat indicator or defensive measure shared with the Federal Government under this title shall be—

(A) deemed voluntarily shared information and exempt from disclosure under section 552 of title 5, United States Code, and any State, tribal, or local provision of law requiring disclosure of information or records; and

(B) withheld, without discretion, from the public under section 552(b)(3)(B) of title 5, United States Code, and any State, tribal, or local provision of law requiring disclosure of information or records.

(4) EX PARTE COMMUNICATIONS.—The provision of a cyber threat indicator or defensive measure to the Federal Government under this title shall not be subject to a rule of any Federal agency or department or any judicial doctrine regarding ex parte communications with a decision-making official.

(5) DISCLOSURE, RETENTION, AND USE.—

(A) AUTHORIZED ACTIVITIES.—Cyber threat indicators and defensive measures provided to the Federal Government under this title may be disclosed to, retained by, and used by, consistent with otherwise applicable provisions of Federal law, any Federal agency or department, component, officer, employee, or agent of the Federal Government solely for—

(i) a cybersecurity purpose; (ii) the purpose of identifying—

(I) a cybersecurity threat, including the source of such cybersecurity threat; or

(II) a security vulnerability;

(iii) the purpose of responding to, or otherwise preventing or mitigating, a specific threat of death, a specific threat of serious bodily harm, or a specific threat of serious economic harm, including a terrorist act or a use of a weapon of mass destruction;

(iv) the purpose of responding to, investigating, prosecuting, or otherwise preventing or mitigating, a serious threat to a minor, including sexual exploitation and threats to physical safety; or

(v) the purpose of preventing, investigating, disrupting, or prosecuting an offense arising out of a threat described in clause (iii) or any of the offenses listed in—

(I) sections 1028 through 1030 of title 18, United States Code (relating to fraud and identity theft);

(II) chapter 37 of such title (relating to espionage and censorship); and

(III) chapter 90 of such title (relating to protection of trade secrets).

(B) PROHIBITED ACTIVITIES.—Cyber threat indicators and defensive measures provided to the Federal Government under this title shall not be disclosed to, retained by, or used by any Federal agency or department for any use not permitted under subparagraph (A).

(C) PRIVACY AND CIVIL LIBERTIES.—Cyber threat indicators and defensive measures provided to the Federal Government under this title shall be retained, used, and disseminated by the Federal Government—

(i) in accordance with the policies, procedures, and guidelines required by subsections (a) and (b);

(ii) in a manner that protects from unauthorized use or disclosure any cyber threat indicators that may contain—

(I) personal information of a specific individual; or
(II) information that identifies a specific individual; and

(iii) in a manner that protects the confidentiality of cyber threat indicators containing—

(I) personal information of a specific individual; or
(II) information that identifies a specific individual.

(D) FEDERAL REGULATORY AUTHORITY.—

(i) IN GENERAL.—Except as provided in clause (ii), cyber threat indicators and defensive measures provided to the Federal Government under this title shall not be

used by any Federal, State, tribal, or local government to regulate, including an enforcement action, the lawful activities of any non-Federal entity or any activities taken by a non-Federal entity pursuant to mandatory standards, including activities relating to monitoring, operating defensive measures, or sharing cyber threat indicators.

(ii) EXCEPTIONS.—

(I) REGULATORY AUTHORITY SPECIFICALLY RELATING TO PREVENTION OR MITIGATION OF CYBERSECURITY THREATS.—Cyber threat indicators and defensive measures provided to the Federal Government under this title may, consistent with Federal or State regulatory authority specifically relating to the prevention or mitigation of cybersecurity threats to information systems, inform the development or implementation of regulations relating to such information systems.

(II) PROCEDURES DEVELOPED AND IMPLEMENTED UNDER THIS TITLE.—Clause (i) shall not apply to procedures developed and implemented under this title.

SEC. 106. PROTECTION FROM LIABILITY.

(a) MONITORING OF INFORMATION SYSTEMS.—No cause of action shall lie or be maintained in any court against any private entity, and such action shall be promptly dismissed, for the monitoring of an information system and information under section 104(a) that is conducted in accordance with this title.

(b) SHARING OR RECEIPT OF CYBER THREAT INDICATORS.—No cause of action shall lie or be maintained in any court against any private entity, and such action shall be promptly dismissed, for the sharing or receipt of a cyber threat indicator or defensive measure under section 104(c) if—

(1) such sharing or receipt is conducted in accordance with this title; and

(2) in a case in which a cyber threat indicator or defensive measure is shared with the Federal Government, the cyber threat indicator or defensive measure is shared in a manner that is consistent with section 105(c)(1)(B) and the sharing or receipt, as the case may be, occurs after the earlier of—

(A) the date on which the interim policies and procedures are submitted to Congress under section 105(a)(1) and guidelines are submitted to Congress under section 105(b)(1); or

(B) the date that is 60 days after the date of the enactment of this Act.

(c) CONSTRUCTION.—Nothing in this title shall be construed—

(1) to create—

(A) a duty to share a cyber threat indicator or defensive measure; or

(B) a duty to warn or act based on the receipt of a cyber threat indicator or defensive measure; or

(2) to undermine or limit the availability of otherwise applicable common law or statutory defenses.

SEC. 107. OVERSIGHT OF GOVERNMENT ACTIVITIES. (a) REPORT ON IMPLEMENTATION.—

(1) IN GENERAL.—Not later than 1 year after the date of the enactment of this title, the heads of the appropriate Federal entities shall jointly submit to Congress a detailed report concerning the implementation of this title.

(2) CONTENTS.—The report required by paragraph (1) may include such recommendations as the heads of the appropriate Federal entities may have for improvements or modifications to the authorities, policies, procedures, and guidelines under this title and shall include the following:

(A) An evaluation of the effectiveness of real-time information sharing through the capability and process developed under section 105(c), including any impediments to such real-time sharing.

(B) An assessment of whether cyber threat indicators or defensive measures have been properly classified and an accounting of the number of security clearances authorized by the Federal Government for the purpose of sharing cyber threat indicators or defensive measures with the private sector.

(C) The number of cyber threat indicators or defensive measures received through the capability and process developed under section 105(c).

(D) A list of Federal entities that have received cyber threat indicators or defensive measures under this title.

(b) BIENNIAL REPORT ON COMPLIANCE.—

(1) IN GENERAL.—Not later than 2 years after the date of the enactment of this Act and not less frequently than once every 2 years thereafter, the inspectors general of the appropriate Federal entities, in consultation with the Inspector General of the Intelligence Community and the Council of Inspectors General on Financial Oversight, shall jointly submit to Congress an interagency report on the actions of the executive branch of the Federal Government to carry out this title during the most recent 2-year period.

(2) CONTENTS.—Each report submitted under paragraph (1) shall include, for the period covered by the report, the following:

(A) An assessment of the sufficiency of the policies, procedures, and guidelines relating to the sharing of cyber threat indicators within the Federal Government, including those policies, procedures, and guidelines relating to the removal of information not directly related to a cybersecurity threat that is personal information of a specific individual or information that identifies a specific individual.

(B) An assessment of whether cyber threat indicators or defensive measures have been properly classified and an accounting of the number of security clearances authorized by the Federal Government for the purpose of sharing cyber threat indicators or defensive measures with the private sector.

(C) A review of the actions taken by the Federal Government based on cyber threat indicators or defensive measures shared with the Federal Government under this title, including a review of the following:

(i) The appropriateness of subsequent uses and disseminations of cyber threat indicators or defensive measures.

(ii) Whether cyber threat indicators or defensive measures were shared in a timely and adequate manner with appropriate entities, or, if appropriate, were made publicly available.

(D) An assessment of the cyber threat indicators or defensive measures shared with the appropriate Federal entities under this title, including the following:

(i) The number of cyber threat indicators or defensive measures shared through the capability and process developed under section 105(c).

(ii) An assessment of any information not directly related to a cybersecurity threat that is personal information of a specific individual or information identifying a specific individual and was shared by a non-Federal government entity with the Federal government in contravention of this title, or was shared within the Federal Government in contravention of the guidelines required by this title, including a description of any significant violation of this title.

(iii) The number of times, according to the Attorney General, that information shared under this title was used by a Federal entity to prosecute an offense listed in section 105(d)(5)(A).

(iv) A quantitative and qualitative assessment of the effect of the sharing of cyber threat indicators or defensive measures with the Federal Government on privacy and civil liberties of specific individuals, including the number of notices that were issued with respect to a failure to remove information not directly related to a cybersecurity threat that was personal information of a specific individual or information that identified a specific individual in accordance with the procedures required by section 105(b)(3)(E).

(v) The adequacy of any steps taken by the Federal Government to reduce any adverse effect from activities carried out under this title on the privacy and civil liberties of United States persons.

(E) An assessment of the sharing of cyber threat indicators or defensive measures among Federal entities to identify inappropriate barriers to sharing information.

(3) RECOMMENDATIONS.—Each report submitted under this subsection may include such recommendations as the inspectors general may have for improvements or modifications to the authorities and processes under this title.

(c) INDEPENDENT REPORT ON REMOVAL OF PERSONAL INFORMATION.—Not later than 3 years after the date of the enactment of this Act, the Comptroller General of the United States shall submit to Congress

a report on the actions taken by the Federal Government to remove personal information from cyber threat indicators or defensive measures pursuant to this title. Such report shall include an assessment of the sufficiency of the policies, procedures, and guidelines established under this title in addressing concerns relating to privacy and civil liberties.

(d) FORM OF REPORTS.—Each report required under this section shall be submitted in an unclassified form, but may include a classified annex.

(e) PUBLIC AVAILABILITY OF REPORTS.—The unclassified portions of the reports required under this section shall be made available to the public.

SEC. 108. CONSTRUCTION AND PREEMPTION. (a) OTHERWISE LAWFUL DISCLOSURES.—Nothing in this title shall be construed—

(1) to limit or prohibit otherwise lawful disclosures of communications, records, or other information, including reporting of known or suspected criminal activity, by a nonFederal entity to any other non-Federal entity or the Federal Government under this title; or

(2) to limit or prohibit otherwise lawful use of such disclosures by any Federal entity, even when such otherwise lawful disclosures duplicate or replicate disclosures made under this title.

(b) WHISTLE BLOWER PROTECTIONS.—Nothing in this title shall be construed to prohibit or limit the disclosure of information protected under section 2302(b)(8) of title 5, United States Code (governing disclosures of illegality, waste, fraud, abuse, or public health or safety threats), section 7211 of title 5, United States Code (governing disclosures to Congress), section 1034 of title 10, United States Code (governing disclosure to Congress by members of the military), section 1104 of the National Security Act of 1947 (50 U.S.C. 3234) (governing disclosure by employees of elements of the intelligence community), or any similar provision of Federal or State law.

(c) PROTECTION OF SOURCES AND METHODS.—Nothing in this title shall be construed—

(1) as creating any immunity against, or otherwise affecting, any action brought by the Federal Government, or any agency or department thereof, to enforce any law, executive order, or procedure governing the appropriate handling, disclosure, or use of classified information;

(2) to affect the conduct of authorized law enforcement or intelligence activities; or

(3) to modify the authority of a department or agency of the Federal Government to protect classified information and sources and methods and the national security of the United States.

(d) RELATIONSHIP TO OTHER LAWS.—Nothing in this title shall be construed to affect any requirement under any other provision of law for a non-Federal entity to provide information to the Federal Government.

(e) PROHIBITED CONDUCT.—Nothing in this title shall be construed to permit price-fixing, allocating a market between competitors, monopolizing or attempting to monopolize a market, boycotting, or exchanges of price or cost information, customer lists, or information regarding future competitive planning.

(f) INFORMATION SHARING RELATIONSHIPS.—Nothing in this title shall be construed—

(1) to limit or modify an existing information sharing relationship;

(2) to prohibit a new information sharing relationship;

(3) to require a new information sharing relationship between any non-Federal entity and a Federal entity or another non-Federal entity; or

(4) to require the use of the capability and process within the Department of Homeland Security developed under section 105(c).

(g) PRESERVATION OF CONTRACTUAL OBLIGATIONS AND RIGHTS.—Nothing in this title shall be construed—

(1) to amend, repeal, or supersede any current or future contractual agreement, terms of service agreement, or other contractual relationship between any non-Federal entities, or between any non-Federal entity and a Federal entity; or

(2) to abrogate trade secret or intellectual property rights of any non-Federal entity or Federal entity.

(h) ANTI-TASKING RESTRICTION.—Nothing in this title shall be construed to permit a Federal entity—

(1) to require a non-Federal entity to provide information to a Federal entity or another non-Federal entity;

(2) to condition the sharing of cyber threat indicators with a non-Federal entity on such entity's provision of cyber threat indicators to a Federal entity or another non-Federal entity; or

(3) to condition the award of any Federal grant, contract, or purchase on the provision of a cyber threat indicator to a Federal entity or another non-Federal entity.

(i) NO LIABILITY FOR NON-PARTICIPATION.—Nothing in this title shall be construed to subject any entity to liability for choosing not to engage in the voluntary activities authorized in this title.

(j) USE AND RETENTION OF INFORMATION.—Nothing in this title shall be construed to authorize, or to modify any existing authority of, a department or agency of the Federal Government to retain or use any information shared under this title for any use other than permitted in this title.

(k) FEDERAL PREEMPTION.—

(1) IN GENERAL.—This title supersedes any statute or other provision of law of a State or political subdivision of a State that restricts or otherwise expressly regulates an activity authorized under this title.

(2) STATE LAW ENFORCEMENT.—Nothing in this title shall be construed to supersede any statute or other provision of law of a State or political subdivision of a State concerning the use of authorized law enforcement practices and procedures.

(l) REGULATORY AUTHORITY.—Nothing in this title shall be construed—

(1) to authorize the promulgation of any regulations not specifically authorized to be issued under this title;

(2) to establish or limit any regulatory authority not specifically established or limited under this title; or

(3) to authorize regulatory actions that would duplicate or conflict with regulatory requirements, mandatory standards, or related processes under another provision of Federal law.

(m) AUTHORITY OF SECRETARY OF DEFENSE TO RESPOND TO MALICIOUS CYBER ACTIVITY CARRIED OUT BY FOREIGN POWERS.— Nothing in this title shall be construed to limit the authority of the Secretary of Defense under section 130g of title 10, United States Code.

(n) CRIMINAL PROSECUTION.—Nothing in this title shall be construed to prevent the disclosure of a cyber threat indicator or defensive measure shared under this title in a case of criminal prosecution, when an applicable provision of Federal, State, tribal, or local law requires disclosure in such case.

SEC. 109. REPORT ON CYBERSECURITY THREATS.

(a) REPORT REQUIRED.—Not later than 180 days after the date of the enactment of this Act, the Director of National Intelligence, in coordination with the heads of other appropriate elements of the intelligence community, shall submit to the Select Committee on Intelligence of the Senate and the Permanent Select Committee on Intelligence of the House of Representatives a report on cybersecurity threats, including cyber attacks, theft, and data breaches.

(b) CONTENTS.—The report required by subsection (a) shall include the following:

(1) An assessment of the current intelligence sharing and cooperation relationships of the United States with other countries regarding cybersecurity threats, including cyber attacks, theft, and data breaches, directed against the United States and which threaten the United States national security interests and economy and intellectual property, specifically identifying the relative utility of such relationships, which elements of the intelligence community participate in such relationships, and whether and how such relationships could be improved.

(2) A list and an assessment of the countries and nonstate actors that are the primary threats of carrying out a cybersecurity threat, including a cyber attack, theft, or data breach, against the United States and which threaten the United States national security, economy, and intellectual property.

(3) A description of the extent to which the capabilities of the United States Government to respond to or prevent cybersecurity threats, including cyber attacks, theft, or data breaches, directed against the United States private sector are degraded by a delay in the prompt notification by private entities of such threats or cyber attacks, theft, and data breaches.

(4) An assessment of additional technologies or capabilities that would enhance the ability of the United States to prevent and to respond to cybersecurity threats, including cyber attacks, theft, and data breaches.

(5) An assessment of any technologies or practices utilized by the private sector that could be rapidly fielded to assist the intelligence community in preventing and responding to cybersecurity threats.

(c) FORM OF REPORT.—The report required by subsection (a) shall be made available in classified and unclassified forms. (d) INTELLIGENCE COMMUNITY DEFINED.—In this section, the term ‘‘intelligence

community'' has the meaning given that term in section 3 of the National Security Act of 1947 (50 U.S.C. 3003).

SEC. 110. EXCEPTION TO LIMITATION ON AUTHORITY OF SECRETARY OF DEFENSE TO DISSEMINATE CERTAIN INFORMATION. Notwithstanding subsection (c)(3) of section 393 of title 10, United States Code, the Secretary of Defense may authorize the sharing of cyber threat indicators and defensive measures pursuant to the policies, procedures, and guidelines developed or issued under this title. SEC.

111. EFFECTIVE PERIOD.

(a) IN GENERAL.—Except as provided in subsection (b), this title and the amendments made by this title shall be effective during the period beginning on the date of the enactment of this Act and ending on September 30, 2025.

(b) EXCEPTION.—With respect to any action authorized by this title or information obtained pursuant to an action authorized by this title, which occurred before the date on which the provisions referred to in subsection (a) cease to have effect, the provisions of this title shall continue in effect.