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(Original Signature of Member)

116TH CONGRESS  
1ST SESSION

# H. R.

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To enhance the innovation, security, and availability of cloud computing services used in the Federal Government by establishing the Federal Risk and Authorization Management Program within the General Services Administration and by establishing a risk management, authorization, and continuous monitoring process to enable the Federal Government to leverage cloud computing services using a risk-based approach consistent with the Federal Information Security Modernization Act of 2014 and cloud-based operations, and for other purposes.

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## IN THE HOUSE OF REPRESENTATIVES

Mr. CONNOLLY introduced the following bill; which was referred to the Committee on \_\_\_\_\_

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# A BILL

To enhance the innovation, security, and availability of cloud computing services used in the Federal Government by establishing the Federal Risk and Authorization Management Program within the General Services Administration and by establishing a risk management, authorization, and continuous monitoring process to enable the Federal Government to leverage cloud computing services using a risk-based approach consistent with the Federal Information Security Modernization Act of 2014 and cloud-based operations, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*  
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Federal Risk and Au-  
5 thorization Management Program Authorization Act of  
6 2019” or the “FedRAMP Authorization Act”.

7 **SEC. 2. CODIFICATION OF THE FEDRAMP PROGRAM.**

8 (a) AMENDMENT.—Chapter 36 of title 44, United  
9 States Code, is amended by adding at the end the fol-  
10 lowing new sections:

11 **“§ 3607. Federal Risk and Authorization Management**  
12 **Program**

13 “(a) ESTABLISHMENT.—There is established within  
14 the General Services Administration the Federal Risk and  
15 Authorization Management Program. The Administrator  
16 of General Services, in accordance with the guidelines es-  
17 tablished pursuant to section 3612, shall establish a gov-  
18 ernmentwide program that provides the authoritative  
19 standardized approach to security assessment and author-  
20 ization for cloud computing products and services that  
21 process unclassified information used by agencies.

22 “(b) COMPONENTS OF FEDRAMP.—There are estab-  
23 lished as components of FedRAMP the Joint Authoriza-  
24 tion Board and the Program Management Office, or such  
25 successor offices as the Administrator may determine.

1 **“§ 3608. FedRAMP Program Management Office**

2 “(a) GSA DUTIES.—

3 “(1) ROLES AND RESPONSIBILITIES.—The Ad-  
4 ministrator of General Services shall—

5 “(A) determine the categories and charac-  
6 teristics of information technology goods or  
7 services that are within the jurisdiction of  
8 FedRAMP and that require FedRAMP author-  
9 ization from the Joint Authorization Board or  
10 the FedRAMP Program Management Office,  
11 including the role of cloud brokers and cloud  
12 service integrators;

13 “(B) develop, coordinate, and implement a  
14 process for the FedRAMP Program Manage-  
15 ment Office and the Joint Authorization Board  
16 to conduct security assessments of cloud com-  
17 puting services, review authorizations and as-  
18 sessments submitted by agencies pursuant to  
19 subsections (b) and (c) of section 3611, and ap-  
20 propriate oversight of continuous monitoring of  
21 cloud computing services;

22 “(C) oversee the administration of the  
23 Federal Secure Cloud Advisory Committee, es-  
24 tablished pursuant to section 3615; and

25 “(D) ensure the continuous improvement  
26 of FedRAMP.

1           “(2) IMPLEMENTATION.—The Administrator  
2 shall oversee the implementation of FedRAMP, in-  
3 cluding—

4           “(A) appointing a Program Director to  
5 oversee the FedRAMP Program Management  
6 Office;

7           “(B) hiring professional staff as may be  
8 necessary for the effective operation of the  
9 FedRAMP Program Management Office, and  
10 such other activities as are essential to properly  
11 perform critical functions;

12           “(C) entering into interagency agreements  
13 to detail personnel on a reimbursable or non-re-  
14 reimbursable basis to assist the FedRAMP Pro-  
15 gram Management Office and the Joint Author-  
16 ization Board in discharging the responsibilities  
17 of the Office under this section;

18           “(D) adjudicating disagreements between  
19 the Joint Authorization Board and cloud service  
20 providers seeking a provisional authorization to  
21 operate through the Joint Authorization Board;  
22 and

23           “(E) such other actions as the Adminis-  
24 trator may determine necessary to carry out  
25 this section.

1           “(b) DUTIES.—The FedRAMP Program Manage-  
2 ment Office shall have the following duties:

3           “(1) Establish requirements and guidelines for  
4 security assessments of cloud computing services,  
5 consistent with standards defined by the National  
6 Institute of Standards and Technology, to be used  
7 by the Joint Authorization Board and agencies.

8           “(2) Provide guidance to independent assess-  
9 ment organizations and oversee the execution of  
10 independent assessments in using and applying the  
11 requirements and guidelines adopted in paragraph  
12 (1).

13           “(3) Oversee and issue guidelines regarding the  
14 qualifications, roles, and responsibilities of inde-  
15 pendent assessment organizations.

16           “(4) Develop templates and other materials to  
17 support the Joint Authorization Board and agencies  
18 in the authorization of cloud computing services to  
19 increase the speed, effectiveness, and transparency  
20 of the authorization process, consistent with stand-  
21 ards defined by the National Institute of Standards  
22 and Technology.

23           “(5) Establish and maintain a public comment  
24 process for proposed guidance before the issuance of  
25 such guidance by FedRAMP.

1           “(6) Issue FedRAMP authorization for any au-  
2           thorizations to operate issued by an agency that  
3           meets the requirements and guidelines described in  
4           paragraph (1).

5           “(7) Establish frameworks for agencies to use  
6           authorization packages processed by the FedRAMP  
7           Program Management Office and Joint Authoriza-  
8           tion Board.

9           “(8) Coordinate with the Department of Home-  
10          land Security to establish a framework for contin-  
11          uous monitoring and reporting required of agencies  
12          pursuant to section 3554.

13          “(9) Issue examples of security architectures to  
14          agencies and cloud computing services to better  
15          standardize and replicate secure configurations with-  
16          in a single cloud service and among cloud services.

17          “(10) Establish a centralized and secure reposi-  
18          tory to collect and share necessary data, including  
19          security authorization packages, from the Joint Au-  
20          thorization Board and agencies to enable better  
21          sharing and reuse to such packages across agencies.

22          “(c) EVALUATION OF AUTOMATION PROCEDURES.—

23                 “(1) IN GENERAL.—The FedRAMP Program  
24                 Management Office shall assess and evaluate avail-  
25                 able automation capabilities and procedures to im-

1 prove the efficiency and effectiveness of the issuance  
2 of provisional authorizations to operate issued by the  
3 Joint Authorization Board and FedRAMP author-  
4 izations, including better control inheritance and  
5 continuous monitoring of cloud environments and  
6 among cloud environments.

7 “(2) MEANS FOR AUTOMATION.—Not later than  
8 1 year after the date of the enactment of this section  
9 and updated annually thereafter, the FedRAMP  
10 Program Management Office shall establish a means  
11 for the automation of security assessments and re-  
12 views.

13 “(d) METRICS FOR AUTHORIZATION.—The  
14 FedRAMP Program Management Office shall establish  
15 annual metrics regarding the time and quality of the as-  
16 sessments necessary for completion of a FedRAMP au-  
17 thorization process in a manner that can be consistently  
18 tracked over time in conjunction with the periodic testing  
19 and evaluation process pursuant to section 3553 in a man-  
20 ner that minimizes the agency reporting burden.

21 **“§ 3609. Joint Authorization Board**

22 “(a) ESTABLISHMENT.—There is established the  
23 Joint Authorization Board which shall consist of 3 secu-  
24 rity experts, appointed by the Director in consultation  
25 with the Administrator, from each of the following:

1           “(1) The Department of Defense.

2           “(2) The Department of Homeland Security.

3           “(3) The General Services Administration.

4           “(b) ISSUANCE OF PROVISIONAL AUTHORIZATIONS  
5 TO OPERATE.—The Joint Authorization Board shall con-  
6 duct security assessments of cloud computing services and  
7 issue provisional authorizations to operate to cloud service  
8 providers that meet FedRAMP security guidelines set  
9 forth in section 3608(b)(1).

10          “(c) DUTIES.—The Joint Authorization Board  
11 shall—

12           “(1) develop and make publicly available on a  
13 website, determined by the Administrator, criteria  
14 for prioritizing and selecting cloud computing serv-  
15 ices to be assessed by the Joint Authorization Board  
16 and to provide regular updates on the status of any  
17 cloud computing service during the assessment and  
18 authorization process of the Joint Authorization  
19 Board;

20           “(2) review and validate cloud computing serv-  
21 ices and independent assessment organization au-  
22 thorization packages;

23           “(3) in consultation with the FedRAMP Pro-  
24 gram Management Office, serve as a resource for  
25 best practices to accelerate the FedRAMP process;



1           “(4) perform such other roles and responsibil-  
2           ities as the Administrator may assign, in consulta-  
3           tion with the FedRAMP Program Management Of-  
4           fice and members of the Joint Authorization Board;  
5           and

6           “(5) establish metrics and goals for reviews and  
7           activities associated with issuing provisional author-  
8           izations to operate.

9           “(d) DETERMINATIONS OF DEMAND FOR CLOUD  
10          COMPUTING SERVICES.—The Joint Authorization Board  
11          shall consult with the head of each agency to establish a  
12          process for prioritizing and accepting the cloud computing  
13          services to be granted a provisional authorization to oper-  
14          ate through the Joint Authorization Board, which shall  
15          be made available on a public website.

16          “(e) DETAIL OF PERSONNEL.—To assist the Joint  
17          Authorization Board in discharging the responsibilities  
18          under this section, personnel of agencies may be detailed  
19          to the Joint Authorization Board for the performance of  
20          duties described under subsection (c).

21          “§ 3610. Independent assessment organizations

22          “(a) REQUIREMENTS FOR ACCREDITATION.—The  
23          Administrator, in consultation with the Joint Authoriza-  
24          tion Board, shall determine the requirements for certifi-  
25          cation of independent assessment organizations. Such re-

1 requirements may include developing or requiring certifi-  
2 cation programs for individuals employed by the inde-  
3 pendent assessment organizations who lead FedRAMP as-  
4 sessment teams.

5 “(b) ASSESSMENT.—Accredited independent assess-  
6 ment organizations may assess, validate, and attest to the  
7 quality and compliance of security assessment materials  
8 provided by cloud service providers.

9 **“§ 3611. Roles and responsibilities of agencies**

10 “(a) IN GENERAL.—In implementing the require-  
11 ments of FedRAMP, the head of each agency shall, con-  
12 sistent with guidance issued by the Director pursuant to  
13 section 3612—

14 “(1) create policies to ensure cloud computing  
15 services used by the agency meet FedRAMP security  
16 requirements and other risk-based performance re-  
17 quirements as defined by the Director;

18 “(2) issue agency-specific authorizations to op-  
19 erate for cloud computing services in compliance  
20 with section 3553;

21 “(3) confirm whether there is a provisional au-  
22 thorization to operate in the cloud security reposi-  
23 tory established under section 3608(b)(10) issued by  
24 the Joint Authorization Board or a FedRAMP au-  
25 thorization issued by the FedRAMP Program Man-

1           agement Office before beginning an agency author-  
2           ization for a cloud computing product or service;

3           “(4) to the extent practicable, for any cloud  
4           computing product or service the agency seeks to au-  
5           thorize that has received either a provisional author-  
6           ization to operate by the Joint Authorization Board  
7           or a FedRAMP authorization by the FedRAMP Pro-  
8           gram Management Office, use the existing assess-  
9           ments of security controls and materials within the  
10          authorization package; and

11          “(5) provide data and information required to  
12          the Director pursuant to section 3612 to determine  
13          how agencies are meeting metrics as defined by the  
14          FedRAMP Program Management Office.

15          “(b) SUBMISSION OF POLICIES REQUIRED.—Not  
16          later than 6 months after the date of the enactment of  
17          this section, the head of each agency shall submit to the  
18          Director the policies created pursuant to subsection (a)(1)  
19          for review and approval.

20          “(c) SUBMISSION OF AUTHORIZATIONS TO OPERATE  
21          REQUIRED.—Upon issuance of an authorization to oper-  
22          ate, the head of each agency shall provide a copy of the  
23          authorization to operate letter and any supplementary in-  
24          formation required pursuant to section 3608(b) to the  
25          FedRAMP Program Management Office.

1 “(d) PRESUMPTION OF ADEQUACY.—

2 “(1) IN GENERAL.—The assessment of security  
3 controls and materials within the authorization  
4 package for provisional authorizations to operate  
5 issued by the Joint Authorization Board and agency  
6 authorizations to operate that receive FedRAMP au-  
7 thorization from the Program Management Office  
8 shall be presumed adequate for use in agency au-  
9 thorizations of cloud computing products and serv-  
10 ices.

11 “(2) INFORMATION SECURITY REQUIRE-  
12 MENTS.—The presumption under paragraph (1)  
13 does not modify or alter the responsibility of any  
14 agency to ensure compliance with subchapter II of  
15 chapter 35 for any cloud computing products or  
16 services used by the agency.

17 **“§ 3612. Roles and Responsibilities of the Office of**  
18 **Management and Budget**

19 “The Director shall have the following duties:

20 “(1) Issue guidance to ensure that an agency  
21 does not operate a Federal Government cloud com-  
22 puting service using Government data without  
23 issuing an authorization to operate issued by the  
24 agency that meets the requirements of subchapter II  
25 of chapter 35 and FedRAMP.

1           “(2) Ensure agencies are in compliance with  
2           any guidance or other requirements issued related to  
3           FedRAMP.

4           “(3) Review, analyze, and update guidance on  
5           the adoption, security, and use of cloud computing  
6           services used by agencies.

7           “(4) Ensure the Joint Authorization Board is  
8           in compliance with section 3609(c).

9           “(5) Promulgate regulations on the role of  
10          FedRAMP authorization in agency acquisition of  
11          cloud computing products and services that process  
12          unclassified information.

13   **“§ 3613. Authorization of appropriations for**  
14           **FedRAMP**

15          “There is authorized to be appropriated \$25,000,000  
16          each year for the FedRAMP Program Management Office  
17          and the Joint Authorization Board.

18   **“§ 3614. Reports to Congress**

19          “Not later than 12 months after the date of the en-  
20          actment of this section, and annually thereafter, the Di-  
21          rector shall submit to the Committee on Oversight and  
22          Reform of the House of Representatives and the Com-  
23          mittee on Homeland Security and Governmental Affairs  
24          of the Senate a report that includes the following:

1           “(1) The status, efficiency, and effectiveness of  
2           FedRAMP and agencies during the preceding year  
3           in supporting the speed, effectiveness, sharing,  
4           reuse, and security of authorizations to operate for  
5           cloud computing products and services, including  
6           progress towards meeting the metrics adopted by the  
7           FedRAMP Program Management Office pursuant to  
8           section 3608(d) and the Joint Authorization Board  
9           pursuant to section 3609(c)(5).

10           “(2) Data on agency use of provisional author-  
11           izations to operate issued by the Joint Authorization  
12           Board and agency sponsored authorizations that re-  
13           ceive FedRAMP authorization by the FedRAMP  
14           Program Management Office.

15           “(3) The length of time for the Joint Author-  
16           ization Board to review applications for and issue  
17           provisional authorizations to operate.

18           “(4) The length of time for the FedRAMP Pro-  
19           gram Management Office to review agency applica-  
20           tions for and issue FedRAMP authorization.

21           “(5) The number of provisional authorizations  
22           to operate issued by each the Joint Authorization  
23           Board and FedRAMP authorizations issued by the  
24           FedRAMP Program Management Office for the pre-  
25           vious year.

1           “(6) A review of progress made during the pre-  
2           ceding year in advancing automation techniques to  
3           securely automate FedRAMP processes and to accel-  
4           erate reporting as described in this section.

5           “(7) The number and characteristics of author-  
6           ized cloud computing services in use at each agency  
7           consistent with guidance provided by the Director in  
8           section 3612.

9   **“§ 3615. Federal Secure Cloud Advisory Committee**

10           “(a) ESTABLISHMENT, PURPOSES, AND DUTIES.—

11           “(1) ESTABLISHMENT.—The Administrator  
12           shall establish within the General Services Adminis-  
13           tration the Federal Secure Cloud Advisory (referred  
14           to in this section as the ‘Committee’) to ensure ef-  
15           fective and ongoing coordination of agency adoption,  
16           use, authorization, monitoring, acquisition, and secu-  
17           rity of cloud computing products and services to en-  
18           able agency mission and administrative priorities.

19           “(2) PURPOSES.—The purposes of the Com-  
20           mittee are to:

21           “(A) Examine the operations of FedRAMP  
22           and determine ways that authorization proc-  
23           esses can continuously be improved.

1           “(B) Collect information and feedback on  
2           agency compliance with and implementation of  
3           FedRAMP requirements.

4           “(C) Serve as a forum that facilitates com-  
5           munication and collaboration among the  
6           FedRAMP stakeholder community.

7           “(3) DUTIES.—The duties of the Committee  
8           are, at a minimum, the following:

9           “(A) Provide advice and recommendations  
10           to the Administrator, the Joint Authorization  
11           Board, and to agencies on technical, financial,  
12           programmatic, and operational matters regard-  
13           ing secure adoption of cloud computing services.

14           “(B) Submit reports as required.

15           “(b) MEMBERS.—

16           “(1) COMPOSITION.—The Committee shall be  
17           comprised of not more than 15 members who are  
18           qualified representatives from the public and private  
19           sectors, appointed by the Administrator, in consulta-  
20           tion with the Administrator of the Office of Elec-  
21           tronic Government, as follows:

22           “(A) The Administrator or the Administra-  
23           tor’s designee, who shall be the Chair of the  
24           Committee.



1           “(B) At least 1 representative each from  
2 the Cybersecurity and Infrastructure Security  
3 Agency and the National Institute of Standards  
4 and Technology.

5           “(C) At least 2 officials who serve as the  
6 Chief Information Security Officer within an  
7 agency, who shall be required to maintain such  
8 a position throughout the duration of their serv-  
9 ice on the Committee.

10           “(D) At least 1 official serving as Chief  
11 Procurement Officer (or equivalent) in an agen-  
12 cy, who shall be required to maintain such a po-  
13 sition throughout the duration of their service  
14 on the Committee.

15           “(E) No fewer than 5 representatives from  
16 businesses that primarily provide cloud com-  
17 puting services or products, including at least 2  
18 representatives from a small business (as de-  
19 fined by section 3(a) of the Small Business Act  
20 (15 U.S.C. 632(a))).

21           “(F) Any other representatives as the Ad-  
22 ministrator determines to be necessary to pro-  
23 vide sufficient balance, insights, or expertise to  
24 the Committee.

1           “(2) DEADLINE FOR APPOINTMENT.—Each  
2 member of the Committee shall be appointed not  
3 later than 30 days after the date of the enactment  
4 of this Act.

5           “(3) PERIOD OF APPOINTMENT; VACANCIES.—

6           “(A) IN GENERAL.—Each member of the  
7 Committee shall be appointed for a term of 3  
8 years, except that the initial terms for members  
9 may be staggered 1, 2, or 3 year terms to es-  
10 tablish a rotation in which one-third of the  
11 members are selected each year. Any such  
12 member may be appointed for not more than 2  
13 consecutive terms.

14           “(B) VACANCIES.—Any vacancy in the  
15 Committee shall not affect its powers, but shall  
16 be filled in the same manner in which the origi-  
17 nal appointment was made. Any member ap-  
18 pointed to fill a vacancy occurring before the  
19 expiration of the term for which the member’s  
20 predecessor was appointed shall be appointed  
21 only for the remainder of that term. A member  
22 may serve after the expiration of that member’s  
23 term until a successor has taken office.

24           “(c) MEETINGS AND RULES OF PROCEDURES.—

1           “(1) MEETINGS.—The Committee shall hold  
2           not less than 3 meetings in a calendar year, at such  
3           time and place as determined by the Chair.

4           “(2) INITIAL MEETING.—Not later than 120  
5           days after the date of the enactment of this section,  
6           the Committee shall meet and begin the operations  
7           of the Committee.

8           “(3) RULES OF PROCEDURE.—The Committee  
9           may establish rules for the conduct of the business  
10          of the Committee, if such rules are not inconsistent  
11          with this section or other applicable law.

12          “(d) TRAVEL EXPENSES.—While away from their  
13          homes or regular places of business in the performance  
14          of services for the Committee, members of the Committee  
15          shall be allowed travel expenses, including per diem in lieu  
16          of subsistence, in the same manner as persons employed  
17          intermittently in the Government service are allowed ex-  
18          penses under section 5703(b) of title 5, United States  
19          Code.

20          “(e) APPLICABILITY TO THE FEDERAL ADVISORY  
21          COMMITTEE ACT.—Notwithstanding any other provision  
22          of law, the Federal Advisory Committee Act (5 U.S.C.  
23          App.) shall apply to the Committee, except that section  
24          14 of such Act shall not apply.

1           “(f) HEARINGS AND EVIDENCE.—The Committee, or  
2 on the authority of the Committee, any subcommittee,  
3 may, for the purposes of carrying out this section, hold  
4 hearings, sit and act at such times and places, take testi-  
5 mony, receive evidence, and administer oaths.

6           “(g) CONTRACTING.—The Committee, may, to such  
7 extent and in such amounts as are provided in appropria-  
8 tion Acts, enter into contracts to enable the Committee  
9 to discharge its duties under this section.

10          “(h) INFORMATION FROM FEDERAL AGENCIES.—

11           “(1) IN GENERAL.—The Committee is author-  
12 ized to secure directly from any executive depart-  
13 ment, bureau, agency, board, commission, office,  
14 independent establishment, or instrumentality of the  
15 Government, information, suggestions, estimates,  
16 and statistics for the purposes of the Committee.  
17 Each department, bureau, agency, board, commis-  
18 sion, office, independent establishment, or instru-  
19 mentality shall, to the extent authorized by law, fur-  
20 nish such information, suggestions, estimates, and  
21 statistics directly to the Committee, upon request  
22 made by the Chair, the Chair of any subcommittee  
23 created by a majority of the Committee, or any  
24 member designated by a majority of the Committee.

1           “(2) RECEIPT, HANDLING, STORAGE, AND DIS-  
2           SEMINATION.—Information may only be received,  
3           handled, stored, and disseminated by members of  
4           the Committee and its staff consistent with all appli-  
5           cable statutes, regulations, and Executive orders.

6           “(i) ASSISTANCE FROM AGENCIES.—

7           “(1) OTHER DEPARTMENTS AND AGENCIES.—  
8           In addition to the administration of the Committee  
9           by the General Services Administration, other agen-  
10          cies may provide to the Committee such services,  
11          funds, facilities, staff, and other support services as  
12          the head of the agency determines to be advisable  
13          and as is authorized by law.

14          “(2) DETAIL OF EMPLOYEES.—Any Federal  
15          Government employee may be detailed to the Com-  
16          mittee without reimbursement from the Committee,  
17          and such detailee shall retain the rights, status, and  
18          privileges of his or her regular employment without  
19          interruption.

20          “(j) GIFTS.—The Committee may accept, use, and  
21          dispose of gifts or donations of services or property.

22          “(k) POSTAL SERVICES.—The Committee may use  
23          the United States mails in the same manner and under  
24          the same conditions as agencies.

1       “(l) EXPERT AND CONSULTANT SERVICES.—The  
2 Committee is authorized to procure the services of experts  
3 and consultants in accordance with section 3109 of title  
4 5, but at rates not to exceed the daily rate paid a person  
5 occupying a position at Level IV of the Executive Schedule  
6 under section 5315 of title 5.

7       “(m) VOLUNTEER SERVICES.—Notwithstanding sec-  
8 tion 1342 of title 31, the Committee may accept and use  
9 voluntary and uncompensated services as the Committee  
10 determines necessary.

11       “(n) REPORTS.—

12               “(1) INTERIM REPORTS.—The Committee may  
13 submit to the Administrator and Congress interim  
14 reports containing such findings, conclusions, and  
15 recommendations as have been agreed to by the  
16 Committee.

17               “(2) ANNUAL REPORTS.—Not later than 18  
18 months after the date of the enactment of this sec-  
19 tion, and annually thereafter, the Committee shall  
20 submit to the Administrator and Congress a final re-  
21 port containing such findings, conclusions, and rec-  
22 ommendations as have been agreed to by the Com-  
23 mittee.

24       “(o) SUNSET PROVISION.—The authority and obliga-  
25 tions established by this section shall terminate on the

1 date that is five years after the date of the enactment of  
2 this section.

3 **“§ 3616. Definitions**

4 “(a) IN GENERAL.—Except as provided under sub-  
5 section (b), the definitions under sections 3502 and 3552  
6 apply to sections 3607 through this section.

7 “(b) ADDITIONAL DEFINITIONS.—In sections 3607  
8 through this section:

9 “(1) ADMINISTRATOR.—The term ‘Adminis-  
10 trator’ means the Administrator of General Services.

11 “(2) AUTHORIZATION PACKAGE.—The term  
12 ‘authorization package’—

13 “(A) means the essential information used  
14 to determine whether to authorize the operation  
15 of an information system or the use of a des-  
16 ignated set of common controls; and

17 “(B) at a minimum, includes the informa-  
18 tion system security plan, privacy plan, security  
19 control assessment, privacy control assessment,  
20 and any relevant plans of action and milestones.

21 “(3) CLOUD BROKER.—The term ‘cloud broker’  
22 means an entity that manages the use, performance,  
23 and delivery of cloud computing services and nego-  
24 tiates relationships between cloud service providers  
25 and cloud consumers.

1           “(4) CLOUD COMPUTING.—The term ‘cloud  
2 computing’ has the meaning given that term by the  
3 National Institutes of Standards and Technology in  
4 NIST Special Publication 800–145 and any amend-  
5 atory or superseding document thereto.

6           “(5) CLOUD SERVICE PROVIDER.—The term  
7 ‘cloud service provider’ means a non-Federal entity  
8 offering cloud computing services to agencies.

9           “(6) FEDRAMP.—The term ‘FedRAMP’  
10 means the Federal Risk and Authorization Manage-  
11 ment Program established under section 3607(a).

12           “(7) FEDRAMP AUTHORIZATION.—The term  
13 ‘FedRAMP authorization’ means a cloud computing  
14 product or service that has received an agency au-  
15 thorization to operate and has been certified by the  
16 FedRAMP Program Management Office to meet re-  
17 quirements and guidelines established by the  
18 FedRAMP Program Management Office.

19           “(8) FEDRAMP PROGRAM MANAGEMENT OF-  
20 FICE.—The term ‘FedRAMP Program Management  
21 Office’ means the office that administers FedRAMP.

22           “(9) INDEPENDENT ASSESSMENT ORGANIZA-  
23 TION.—The term ‘independent assessment organiza-  
24 tion’ means a third-party organization accredited by  
25 the Program Director of the FedRAMP Program



1 Management Office to undertake conformity assess-  
2 ments of cloud service providers.

3 “(10) JOINT AUTHORIZATION BOARD.—The  
4 term ‘Joint Authorization Board’ means the Joint  
5 Authorization Board established under section 3609.

6 “(11) SECURITY ARCHITECTURE.—The term  
7 ‘security architecture’ means a set of physical and  
8 logical security-relevant representations of system  
9 architecture that conveys information about how the  
10 system is partitioned into security domains and  
11 makes use of security-relevant elements to enforce  
12 security policies within and between security do-  
13 mains based on how data and information must be  
14 protected.”.

15 (b) TECHNICAL AND CONFORMING AMENDMENT.—  
16 The table of sections for chapter 36 of title 44, United  
17 States Code, is amended by adding at the end the fol-  
18 lowing new items:

“3607. Federal Risk and Authorization Management Program.

“3608. FedRAMP Program Management Office.

“3609. Joint Authorization Board.

“3610. Independent assessment organizations.

“3611. Roles and responsibilities of agencies.

“3612. Roles and Responsibilities of the Office of Management and Budget.

“3613. Authorization of appropriations for FedRAMP.

“3614. Reports to Congress.

“3615. Federal Secure Cloud Advisory Committee.

“3616. Definitions.”.