

116TH CONGRESS
1ST SESSION

H. R. 3941

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.

IN THE HOUSE OF REPRESENTATIVES

JULY 24, 2019

Mr. CONNOLLY (for himself and Mr. MEADOWS) introduced the following bill;
which was referred to the Committee on Oversight and Reform

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.”.

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