AMENDMENT NO.______ Calendar No.______

Purpose: To require certain agencies to conduct assessments of data centers and develop data center consolidation and optimization plans.

Viz:

1 Strike section 303 and insert the following:

2 SEC. 303. FEDERAL DATA CENTER CONSOLIDATION INITIATIVE.

3 (a) DEFINITIONS.—In this section:

4 (1) ADMINISTRATOR.—The term “Administrator”—The term “Administrator” means the Administrator for the Office of E-

5 Government and Information Technology within the Office of Management and Budget.

6 (2) FDCCI.—The term “FDCCI” means the Federal Data Center Consolidation Initiative described in the Office of Management and Budget
Memorandum on the Federal Data Center Consolidation Initiative, dated February 26, 2010, or any successor thereto.

(b) Federal Data Center Consolidation Inventories and Strategies.—

(1) In general.—

(A) Annual reporting.—Each year, beginning in the first fiscal year after the date of enactment of this Act and for each of the 4 fiscal years thereafter, the head of each agency that is described in subparagraph (D), assisted by the Chief Information Officer of the agency, shall submit to the Administrator—

(i) a comprehensive asset inventory of the data centers owned, operated, or maintained by or on behalf of the agency, even if the center is administered by a third party; and

(ii) a multi-year strategy to achieve the optimization and consolidation of agency data center assets, that includes—

(I) performance metrics—

(aa) that are consistent with performance metrics established by the Administrator under sub-
paragraphs (C) and (G) of paragraph (2); and

(bb) by which the quantitative and qualitative progress of the agency toward data center consolidation goals can be measured;

(II) a timeline for agency activities completed under the FDCCI, with an emphasis on benchmarks the agency can achieve by specific dates;

(III) an aggregation of year-by-year investment and cost savings calculations for the period beginning on the date of enactment of this Act and ending on the date described in subsection (e), broken down by each year, including a description of any initial costs for data center consolidation and life cycle cost savings, with an emphasis on—

(aa) meeting the Government-wide performance metrics described in subparagraphs (C) and (G) of paragraph (2); and
(bb) demonstrating agency-specific savings each fiscal year achieved through the FDCCI; and

(IV) any additional information required by the Administrator.

(B) USE OF EXISTING REPORTING STRUCTURES.—The Administrator may require agencies described in subparagraph (D) to submit any information required to be submitted under this subsection through reporting structures in use as of the date of enactment of this Act.

(C) CERTIFICATION.—Each year, beginning in the first fiscal year after the date of enactment of this Act and for each of the 4 fiscal years thereafter, acting through the chief information officer of the agency, shall submit a statement to the Administrator certifying that the agency has complied with the requirements of this Act.

(D) AGENCIES DESCRIBED.—The agencies (including all associated components of the agency) described in this paragraph are the—

(i) Department of Agriculture;

(ii) Department of Commerce;
(iii) Department of Defense;
(iv) Department of Education;
(v) Department of Energy;
(vi) Department of Health and Human Services;
(vii) Department of Homeland Security;
(viii) Department of Housing and Urban Development;
(ix) Department of the Interior;
(x) Department of Justice;
(xi) Department of Labor;
(xii) Department of State;
(xiii) Department of Transportation;
(xiv) Department of Treasury;
(xv) Department of Veterans Affairs;
(xvi) Environmental Protection Agency;
(xvii) General Services Administration;
(xviii) National Aeronautics and Space Administration;
(xix) National Science Foundation;
(xx) Nuclear Regulatory Commission;
(xxi) Office of Personnel Management;
(xxi) Small Business Administration;
(xxiii) Social Security Administration;
and
(xxiv) United States Agency for International Development.

(E) AGENCY IMPLEMENTATION OF STRATEGIES.—Each agency described in subparagraph (D), under the direction of the Chief Information Officer of the agency shall—

(i) implement the consolidation strategy required under subparagraph (A)(ii); and

(ii) provide updates to the Administrator, on a quarterly basis, of—

(I) the completion of activities by the agency under the FDCCI;

(II) any progress of the agency towards meeting the Government-wide data center performance metrics described in subparagraphs (C) and (G) of paragraph (2); and
(III) the actual cost savings realized through the implementation of the FDCCI.

(F) RULE OF CONSTRUCTION.—Nothing in this paragraph shall be construed to limit the reporting of information by any agency described in subparagraph (F) to the Administrator, the Director of the Office of Management and Budget, or to Congress.

(2) ADMINISTRATOR RESPONSIBILITIES.—The Administrator shall—

(A) establish the deadline, on an annual basis, for agencies to submit information under this section;

(B) establish a list of requirements that the agencies must meet to be considered in compliance with paragraph (1);

(C) ensure that each certification submitted under paragraph (1)(C) and information relating to agency progress towards meeting the Government-wide total cost of ownership optimization and consolidation metrics is made available in a timely manner to the general public;
(D) review the plans submitted under paragraph (1) to determine whether each plan is comprehensive and complete;

(E) monitor the implementation of the data center plan of each agency described in paragraph (1)(A)(ii);

(F) update, on an annual basis, the cumulative cost savings realized through the implementation of the agency plans; and

(G) establish Government-wide data center total cost of ownership optimization and consolidation metrics, which shall include server efficiency and other comprehensive metrics established at the discretion of the Administrator.

(3) COST SAVING GOAL AND UPDATES FOR CONGRESS.—

(A) IN GENERAL.—Not later than 1 year after the date of enactment of this Act, the Administrator shall develop and publish a goal for the total amount of planned cost savings by the Federal Government through the Federal Data Center Consolidation Initiative during the 5-year period beginning on the date of enactment of this Act, which shall include a breakdown on a year-by-year basis of the projected savings.
(B) ANNUAL UPDATE.—

(i) IN GENERAL.—Not later than 1 year after the date on which the goal described in subparagraph (A) is determined and each year thereafter until the end of 2018, the Administrator shall aggregate the savings achieved to date, by each relevant agency, through the FDCCI as compared to the projected savings developed under subparagraph (A) (based on data collected from each affected agency under paragraph (1)).

(ii) UPDATE FOR CONGRESS.—The goal required to be developed and published under subparagraph (A) shall be submitted to Congress and shall include an update on the progress made by each agency described in subsection paragraph (1)(E) on—

(I) whether each agency has in fact submitted a comprehensive asset inventory, including an assessment broken down by agency, which shall include the specific numbers, utiliz-
tion, and efficiency level of data centers; and

(II) whether each agency has submitted a comprehensive consolidation plan with the key elements described in paragraph (1)(A)(ii).

(iii) REQUEST FOR INFORMATION.—

Upon request from the Committee on Homeland Security and Governmental Affairs of the Senate or the Committee on Oversight and Government Reform of the House of Representatives, the head of an agency described in paragraph (1)(E) or the Director of the Office of Management and Budget shall submit to the requesting committee any report or information submitted to the Office of Management and Budget for the purpose of preparing a report required under clause (i) or an updated progress report required under clause (ii).

(4) GAO REVIEW.—

(A) IN GENERAL.—During the 5-fiscal-year period following the date of enactment of this Act, the Comptroller General of the United
States shall review the quality and completeness, and verify, each agency's asset inventory and plans required under paragraph (1)(A).

(B) REPORT.—The Comptroller General of the United States shall, on an annual basis during the 5-fiscal-year period following the date of enactment of this Act, publish a report on each review conducted under subparagraph (A) of an agency during the fiscal year for which the report is published.

(c) ENSURING CYBERSECURITY STANDARDS FOR DATA CENTER CONSOLIDATION AND CLOUD COMPUTING.—An agency required to implement a data center consolidation plan under this Act and migrate to cloud computing shall do so in a manner that is consistent with Federal guidelines on cloud computing security, including—

(1) applicable provisions found within the Federal Risk and Authorization Management Program (FedRAMP); and

(2) guidance published by the National Institute of Standards and Technology.

(d) CLASSIFIED INFORMATION.—The Director of National Intelligence may waive the requirements of this Act
for any element (or component of an element) of the intelligence community.

(e) SUNSET.—This section is repealed effective on October 1, 2018.