

[DISCUSSION DRAFT]

114TH CONGRESS
2^D SESSION

H. R. _____

To require the Director of the Office of Management and Budget to develop a plan to conduct Government-wide inventories of information technology assets and to develop Government-wide guidelines for migration strategies with respect to information technology investments.

IN THE HOUSE OF REPRESENTATIVES

Ms. KELLY of Illinois introduced the following bill; which was referred to the Committee on _____

A BILL

To require the Director of the Office of Management and Budget to develop a plan to conduct Government-wide inventories of information technology assets and to develop Government-wide guidelines for migration strategies with respect to information technology investments.

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 “_____ Act
5 of 2016”.

1 **SEC. 2. PLAN TO CONDUCT INVENTORIES OF INFORMATION**
2 **TECHNOLOGY ASSETS.**

3 (a) IN GENERAL.—The Director of the Office of
4 Management and Budget shall direct the Federal Chief
5 Information Officer to coordinate with the Chief Informa-
6 tion Officers Council to develop a plan to conduct Govern-
7 ment-wide inventories of information technology assets, in-
8 cluding information technology investments.

9 (b) MATTERS COVERED.—In the plan developed
10 under subsection (a), the Federal Chief Information Offi-
11 cer shall include, at a minimum, the following:

12 (1) A list of information technology categories,
13 including commercial hardware, software, cloud com-
14 puting services, and cloud-based solutions.

15 (2) Criteria for itemized inventories of informa-
16 tion technology assets, including information tech-
17 nology investments, with respect to each category
18 listed pursuant to paragraph (1).

19 (3) A methodology for each Federal agency to
20 determine which information technology investments
21 are suitable for migration to a cloud computing serv-
22 ice or cloud-based solution.

23 (4) A schedule for a Government-wide review of
24 all existing inventories of information technology as-
25 sets, including information technology investments.

1 (5) Based on the results from the review con-
2 ducted pursuant to paragraph (4), a plan for each
3 Federal agency to transition to using an automated
4 inventory system that will tabulate Government pur-
5 chases of information technology assets, including
6 information technology investments, in real time.

7 (6) A cost-benefit analysis outlining the manner
8 in which Federal agencies can achieve the greatest
9 possible economies of scale and cost savings in the
10 procurement of information technology assets, in-
11 cluding cloud computing services and cloud-based so-
12 lutions.

13 (7) A plan for reducing duplicate and overlap-
14 ping procurements of information technology assets,
15 including information technology investments, within
16 each Federal agency.

17 (8) A methodology for each Federal agency to
18 conduct an ongoing review of all information tech-
19 nology assets for the purpose of determining which
20 information technology investments are suitable for
21 migration to a cloud computing service or cloud-
22 based solution.

23 (c) SUBMISSION OF PLAN.—Not later than 180 days
24 after the date of the enactment of this Act, the Federal
25 Chief Information Officer shall submit to Congress and

1 the Comptroller General of the United States the plan de-
2 veloped under subsection (a).

3 (d) REVIEW AND REPORT BY COMPTROLLER GEN-
4 ERAL.—Not later than 180 days after the date on which
5 the plan is submitted under subsection (c), the Comp-
6 troller General of the United States shall—

7 (1) review the plan; and

8 (2) submit to Congress and the Federal Chief
9 Information Officer a report on such review.

10 (e) IMPLEMENTATION OF PLAN AND FINAL RE-
11 PORT.—Not later than 2 years after the date on which
12 the report by the Comptroller General of the United States
13 is submitted under subsection (d), the Federal Chief Infor-
14 mation Officer, in coordination with the Chief Information
15 Officers Council, shall—

16 (1) implement the plan developed under sub-
17 section (a); and

18 (2) submit to Congress, the Comptroller Gen-
19 eral of the United States, and the Director of the
20 Office of Management and Budget a final report.

21 (f) AVAILABILITY OF INFORMATION.—The informa-
22 tion collected pursuant to this section shall be made avail-
23 able to the Director of the Office of Management and
24 Budget, the Federal Chief Information Officer, the Chief
25 Information Officers Council, and other Federal officials

1 that the Federal Chief Information Officer, in consultation
2 with the Chief Information Officers Council, may des-
3 ignate. Such information shall not be made available to
4 the general public.

5 **SEC. 3. GUIDELINES FOR MIGRATION STRATEGIES WITH**
6 **RESPECT TO INFORMATION TECHNOLOGY IN-**
7 **VESTMENTS.**

8 (a) IN GENERAL.—Not later than 180 days after the
9 date on which the final report is submitted under section
10 2(e), the Federal Chief Information Officer shall, in co-
11 ordination with the Chief Information Officers Council,
12 develop Government-wide guidelines, based on the infor-
13 mation collected pursuant to section 2, for strategies to
14 migrate suitable information technology investments to a
15 cloud computing service or cloud-based solution.

16 (b) MATTERS COVERED.—In the guidelines developed
17 under subsection (a), the Federal Chief Information Offi-
18 cer shall include, at a minimum, the following:

19 (1) A description of how the methodology under
20 section 2(b)(8), relating to the determination of in-
21 formation technology investments that are suitable
22 for migration to a cloud computing service or cloud-
23 based solution, will impact the Government-wide
24 guidelines for strategies to migrate suitable informa-

1 tion technology investments to a cloud computing
2 service or cloud-based solution.

3 (2) A set of performance metrics for the migra-
4 tion of suitable information technology investments.

5 (3) A requirement for each Federal agency—

6 (A) to assess the migration of suitable in-
7 formation technology investments in accordance
8 with the performance metrics established pursu-
9 ant to paragraph (2); and

10 (B) to set performance targets for such
11 migration.

12 (4) A schedule by which each Federal agency
13 shall meet certain benchmarks in the migration
14 process, as determined by the Federal Chief Infor-
15 mation Officer.

16 (5) A schedule of reevaluation dates for infor-
17 mation technology investments determined to be un-
18 suitable for migration to a cloud computing service
19 or cloud-based solution pursuant to the methodology
20 under section 2(b)(8).

21 (6) A methodology for each Federal agency—

22 (A) to implement an ongoing migration
23 strategy for suitable information technology in-
24 vestments to a cloud computing service or
25 cloud-based solution; and

1 (B) to maintain such cloud computing
2 service or cloud-based solution.

3 (c) SUBMISSION OF GUIDELINES.—The Federal
4 Chief Information Officer shall submit to Congress and
5 the Comptroller General of the United States the guide-
6 lines developed under subsection (a).

7 (d) REVIEW AND REPORT BY COMPTROLLER GEN-
8 ERAL.—Not later than 180 days after the date on which
9 the guidelines are submitted under subsection (c), the
10 Comptroller General of the United States shall—

11 (1) review the guidelines; and

12 (2) submit to Congress and the Federal Chief
13 Information Officer a report on such review.

14 (e) IMPLEMENTATION OF GUIDELINES.—Not later
15 than 2 years after the date on which the report by the
16 Comptroller General of the United States is submitted
17 under subsection (d), each Federal agency shall—

18 (1) develop a strategy to migrate suitable infor-
19 mation technology investments to a cloud computing
20 service or cloud-based solution, in accordance with
21 the guidelines developed under subsection (a); and

22 (2) get the Federal Chief Information Officer's
23 approval of such strategy.

24 (f) FINAL REPORT.—Not later than 60 days after ap-
25 proving the final outstanding strategy under subsection

1 (e), the Federal Chief Information Officer, in coordination
2 with the Chief Information Officers Council, shall submit
3 to Congress, the Comptroller General of the United
4 States, and the Director of the Office of Management and
5 Budget a final report.

6 (g) AVAILABILITY OF INFORMATION.—The informa-
7 tion collected pursuant to this section shall be made avail-
8 able to the Director of the Office of Management and
9 Budget, the Federal Chief Information Officer, the Chief
10 Information Officers Council, and other Federal officials
11 that the Federal Chief Information Officer, in consultation
12 with the Chief Information Officers Council, may des-
13 ignate. Such information shall not be made available to
14 the general public.

15 **SEC. 4. INFORMATION TECHNOLOGY DEFINED.**

16 For purposes of this Act, the term “information tech-
17 nology” has the meaning given such term in section
18 11101(6) of title 40, United States Code.