

HOUSE No. 4043

The Commonwealth of Massachusetts

PRESENTED BY:

Angelo J. Puppolo, Jr.

To the Honorable Senate and House of Representatives of the Commonwealth of Massachusetts in General Court assembled:

The undersigned legislators and/or citizens respectfully petition for the adoption of the accompanying bill:

An Act relative to the Office of Information Technology considering cloud computing service options under certain circumstances.

PETITION OF:

NAME:	DISTRICT/ADDRESS:
<i>Angelo J. Puppolo, Jr.</i>	<i>12th Hampden</i>
<i>Michael J. Finn</i>	<i>6th Hampden</i>
<i>Brian M. Ashe</i>	<i>2nd Hampden</i>
<i>John Barrett, III</i>	<i>1st Berkshire</i>
<i>Carlos González</i>	<i>10th Hampden</i>

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By Mr. Puppolo of Springfield, a petition (subject to Joint Rule 12) of Angelo J. Puppolo, Jr., and others that the Office of Information Technology consider cloud computing service options under certain circumstances. Economic Development and Emerging Technologies.

The Commonwealth of Massachusetts

**In the One Hundred and Ninety-First General Court
(2019-2020)**

An Act relative to the Office of Information Technology considering cloud computing service options under certain circumstances.

Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows:

1 SECTION 1. Section 1 of chapter 7D of the General Laws is hereby amended in by
2 inserting the following definition:

3 "Cloud computing", shall have the same meaning as provided in National Institute of
4 Standards and Technology Special Publication 800-145 or its successors.

5 SECTION 2. Chapter 7D of the General Laws is hereby amended by adding the
6 following section:-

7 Section 10. Cloud Computing Service Options

8 The Office shall: (1) lead state executive branch agency efforts to establish and
9 reengineer the state's information technology architecture with the goal of coordinating central
10 and individual agency information technology in a manner that:

- 11 (a) ensures compliance with the executive branch agency strategic plan; and
- 12 (b) ensures that cost-effective, efficient information and communication systems and
13 resources are being used by agencies to:
- 14 (i) reduce data, hardware, and software redundancy;
- 15 (ii) improve system interoperability and data accessibility between agencies; and
- 16 (iii) meet the agency's and user's business and service needs;
- 17 (2) coordinate an executive branch strategic plan for all agencies;
- 18 (3) develop and implement processes to replicate information technology best practices
19 and standards throughout the executive branch;
- 20 (4) at least once every year:
- 21 (a) evaluate the adequacy of the Office's and the executive branch agencies' data and
22 information technology system security standards through an independent third party assessment;
23 and
- 24 (b) communicate the results of the independent third party assessment to the appropriate
25 executive branch agencies and to the president of the Senate and the speaker of the House of
26 Representatives;
- 27 (5) oversee the expanded use and implementation of project and contract management
28 principles as they relate to information technology projects within the executive branch;

29 (6) serve as general contractor between the state's information technology users and
30 private sector providers of information technology products and services;

31 (7) work toward building stronger partnering relationships with providers;

32 (8) develop service level agreements with executive branch departments and agencies to
33 ensure quality products and services are delivered on schedule and within budget;

34 (9) develop standards for application development including a standard methodology and
35 cost-benefit analysis that all agencies shall utilize for application development activities;

36 (10) determine and implement statewide efforts to standardize data elements;

37 (11) consider, when making a purchase for an information technology, cloud computing
38 service options, including any security benefits, data protection safeguards, and cost savings
39 associated with purchasing a cloud computing service option;

40 (12) develop systems and methodologies to review, evaluate, and prioritize existing
41 information technology projects within the executive branch and report to the governor and the
42 Joint Committee on Economic Development and Emerging Technologies, the House
43 Committee on Technology & Intergovernmental Affairs on a semiannual basis regarding the
44 status of information technology projects; and

45 (13) assist the Governor's Office of Administration & Finance with the development of
46 information technology budgets for agencies."