

**HOUSE . . . . . No. 77**

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**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:	DATE ADDED:
<i>Angelo J. Puppolo, Jr.</i>	<i>12th Hampden</i>	<i>1/11/2023</i>

**HOUSE . . . . . No. 77**

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By Representative Puppolo of Springfield, a petition (accompanied by bill, House, No. 77) of Angelo J. Puppolo, Jr. that the Office of Information Technology consider cloud computing service options under certain circumstances. Advanced Information Technology, the Internet and Cybersecurity.

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**The Commonwealth of Massachusetts**

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**In the One Hundred and Ninety-Third General Court  
(2023-2024)**  
\_\_\_\_\_

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. Chapter 7D of the General Laws is hereby amended in by inserting the  
2 following definition in Section 11:

3                   "Cloud computing", shall have the same meaning as provided in National Institute  
4 of 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 new section:-

7                   Section 11. 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
- 13 and 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
- 19 practices 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
- 22 and information technology system security standards through an independent third party
- 23 assessment; and
- 24 (b) communicate the results of the independent third party assessment to the
- 25 appropriate executive branch agencies and to the president of the Senate and the speaker of the
- 26 House of Representatives;
- 27 (5) oversee the expanded use and implementation of project and contract
- 28 management principles as they relate to information technology projects within the executive
- 29 branch;

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

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

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

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

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

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

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

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