

1 **STATE GOVERNMENT CLOUD COMPUTING AMENDMENTS**

2 2020 GENERAL SESSION

3 STATE OF UTAH

4 **Chief Sponsor: Stephen G. Handy**

5 Senate Sponsor: Daniel Hemmert

6

7 **LONG TITLE**

8 **General Description:**

9 This bill modifies provisions relating to Department of Technology Services'
10 responsibilities.

11 **Highlighted Provisions:**

12 This bill:

13 ▶ modifies the Department of Technology Services' responsibility to consider cloud
14 computing options when making a purchase for an information system.

15 **Money Appropriated in this Bill:**

16 None

17 **Other Special Clauses:**

18 None

19 **Utah Code Sections Affected:**

20 AMENDS:

21 **63F-1-104**, as last amended by Laws of Utah 2019, Chapters 61, 143, and 144

22

23 *Be it enacted by the Legislature of the state of Utah:*

24 Section 1. Section **63F-1-104** is amended to read:

25 **63F-1-104. Purposes.**

26 The department shall:

27 (1) lead state executive branch agency efforts to establish and reengineer the state's



28 information technology architecture with the goal of coordinating central and individual agency
29 information technology in a manner that:

- 30 (a) ensures compliance with the executive branch agency strategic plan; and
- 31 (b) ensures that cost-effective, efficient information and communication systems and
32 resources are being used by agencies to:
 - 33 (i) reduce data, hardware, and software redundancy;
 - 34 (ii) improve system interoperability and data accessibility between agencies; and
 - 35 (iii) meet the agency's and user's business and service needs;
- 36 (2) coordinate an executive branch strategic plan for all agencies;
- 37 (3) develop and implement processes to replicate information technology best practices
38 and standards throughout the executive branch;
- 39 (4) at least once every odd-numbered year:
 - 40 (a) evaluate the adequacy of the department's and the executive branch agencies' data
41 and information technology system security standards through an independent third party
42 assessment; and
 - 43 (b) communicate the results of the independent third party assessment to the
44 appropriate executive branch agencies and to the president of the Senate and the speaker of the
45 House of Representatives;
 - 46 (5) oversee the expanded use and implementation of project and contract management
47 principles as they relate to information technology projects within the executive branch;
 - 48 (6) serve as general contractor between the state's information technology users and
49 private sector providers of information technology products and services;
 - 50 (7) work toward building stronger partnering relationships with providers;
 - 51 (8) develop service level agreements with executive branch departments and agencies
52 to ensure quality products and services are delivered on schedule and within budget;
 - 53 (9) develop standards for application development including a standard methodology
54 and cost-benefit analysis that all agencies shall utilize for application development activities;
 - 55 (10) determine and implement statewide efforts to standardize data elements;
 - 56 (11) coordinate with executive branch agencies to provide basic website standards for
57 agencies that address common design standards and navigation standards, including:
 - 58 (a) accessibility for individuals with disabilities in accordance with:

- 59 (i) the standards of 29 U.S.C. Sec. 794d; and
- 60 (ii) Section [63F-1-210](#);
- 61 (b) consistency with standardized government security standards;
- 62 (c) designing around user needs with data-driven analysis influencing management and
- 63 development decisions, using qualitative and quantitative data to determine user goals, needs,
- 64 and behaviors, and continual testing of the website, web-based form, web-based application, or
- 65 digital service to ensure that user needs are addressed;
- 66 (d) providing users of the website, web-based form, web-based application, or digital
- 67 service with the option for a more customized digital experience that allows users to complete
- 68 digital transactions in an efficient and accurate manner; and
- 69 (e) full functionality and usability on common mobile devices;
- 70 (12) consider, when making a purchase for an information system, cloud computing
- 71 [~~service~~] options, including any security benefits, privacy, data retention risks, and cost savings
- 72 associated with [~~purchasing a~~] cloud computing [~~service option~~] options;
- 73 (13) develop systems and methodologies to review, evaluate, and prioritize existing
- 74 information technology projects within the executive branch and report to the governor and the
- 75 Public Utilities, Energy, and Technology Interim Committee in accordance with [63F-1-201](#) on
- 76 a semiannual basis regarding the status of information technology projects;
- 77 (14) assist the Governor's Office of Management and Budget with the development of
- 78 information technology budgets for agencies; and
- 79 (15) ensure that any training or certification required of a public official or public
- 80 employee, as those terms are defined in Section [63G-22-102](#), complies with Title 63G, Chapter
- 81 22, State Training and Certification Requirements, if the training or certification is required:
- 82 (a) under this title;
- 83 (b) by the department; or
- 84 (c) by an agency or division within the department.