
A BILL FOR AN ACT

RELATING TO INFORMATION TECHNOLOGY.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

1 SECTION 1. The legislature finds that in today's digital
2 world, government data is the lifeblood of effective governance.
3 It powers critical services, from tax collection to emergency
4 response, and underpins the very fabric of society. As such,
5 safeguarding and ensuring the uninterrupted availability of
6 government information technology systems is not merely an
7 option; it is imperative.

8 The legislature further finds that a power outage, a
9 cooling system malfunction, or a network disruption could bring
10 an entire system to a standstill, with adverse consequences for
11 the State's citizens and businesses. Any data center or hosting
12 facility should possess multiple power sources, fuel storage,
13 power distribution paths, cooling systems, and heat exchange
14 distribution paths. This redundancy will ensure that the data
15 center or hosting facility can continue to operate even if one
16 redundant component fails, preventing downtime and safeguarding
17 the availability of critical government services.



1 The benefits of a resilient data center or hosting facility
2 extend far beyond the avoidance of downtime. It will foster
3 greater public trust in government operations, as citizens can
4 be confident that their data is secure and accessible even in
5 the face of unforeseen events. Moreover, it will enhance the
6 State's ability to respond to emergencies and natural disasters,
7 ensuring that critical information remains available when it is
8 needed most.

9 Accordingly, the purpose of this Act is to require the
10 technology services consolidation working group to assist the
11 office of enterprise technology services in working with certain
12 state agencies to ensure critical state information technology
13 systems and data are hosted in a facility with the redundancy
14 necessary to continue to operate even if one redundant component
15 fails, preventing downtime and safeguarding the availability of
16 critical government services.

17 SECTION 2. Act 179, Session Laws of Hawaii 2022, is
18 amended by amending section 2 as follows:

19 1. By amending subsection (a) to read:

20 "(a) There is established a technology services
21 consolidation working group, [~~that~~] which shall:



- 1 (1) Develop a plan for the phased consolidation of all
2 state executive branch information technology services
3 and staff, where determined practicable by the working
4 group, within five years, excluding the department of
5 education, Hawaii health systems corporation,
6 University of Hawaii, and office of Hawaiian affairs,
7 under the office of enterprise technology services.
8 The plan shall include:
- 9 (A) An identification of the specific positions and
10 functions to be transferred in each department;
 - 11 (B) Proposed dates of transfer for each position and
12 function;
 - 13 (C) Proposed information technology facility,
14 personnel, and operational infrastructure needs
15 of the consolidated information technology
16 agency, with projections on future integration
17 needs as additional agencies' information
18 technology staff and services are added;
 - 19 (D) Recommendations to enable the office of
20 enterprise technology services to provide expert
21 support to all state agencies regarding



1 information technology activities in order to
2 meet the needs of the agencies and the public;
3 and

4 (E) Recommendations to ensure that agency services
5 are not interrupted during the phased
6 consolidation; [~~and~~]

7 (2) Make recommendations to attract high-quality
8 information technology professionals to the State,
9 including the use of internships[~~7~~] and partnering
10 with private providers and carriers, and assess the
11 feasibility of exempting certain positions from the
12 requirements of chapters 76 and 89, Hawaii Revised
13 Statutes [~~7~~];

14 (3) Assist the office of enterprise technology services in
15 working with state agencies, excluding the university
16 of Hawaii, department of education, and Hawaii health
17 systems corporation, to:

18 (A) Inventory and categorize the business criticality
19 of each major state information technology system
20 or data set; and



- 1 (B) Determine the appropriate data center or hosting
2 facility requirements based on the business
3 criticality level of the system or data set; and
- 4 (4) Ensure that all consolidated state information
5 technology data is housed at a facility that:
- 6 (A) Possesses the resiliency to perform concurrent
7 maintenance or upgrades without down time; and
- 8 (B) Has multiple power generation, fuel storage,
9 power distribution paths, cooling systems, and
10 heat exchange distribution paths that ensure that
11 the data center can continue to operate even if
12 one system fails when a utility power source is
13 not available, without affecting the overall
14 system."

15 2. By amending subsections (d), (e), and (f) to read:

16 "(d) No later than twenty days prior to the convening of
17 the regular [~~session~~] sessions of 2023[7] and 2025, the working
18 group shall submit to the legislature a preliminary status
19 report. This preliminary status report shall also include any
20 findings, recommendations, proposed legislation, and funding



1 requirements necessary for the completion of the plan for a
2 phased consolidation of state information technology services.

3 (e) No later than twenty days prior to the convening of
4 the regular [~~session~~] sessions of 2024[~~7~~] and 2026, the working
5 group shall submit to the legislature a report of its findings
6 and recommendations, including:

7 (1) The plan for a phased consolidation of state
8 information technology services developed pursuant to
9 subsection (a)(1), including a detailed five-year
10 phase-in schedule;

11 (2) Recommendations to attract high-quality information
12 technology professionals to the State; and

13 (3) Any proposed legislation.

14 (f) The working group shall be dissolved on [~~December 31,~~
15 ~~2023-~~] June 30, 2026."

16 SECTION 3. Statutory material to be repealed is bracketed
17 and stricken. New statutory material is underscored.

18 SECTION 4. This Act shall take effect upon its approval.



Report Title:

Technology Services Consolidation Working Group; Information Technology; ETS; Consolidated State Information Technology Data; Safeguards; Report

Description:

Requires the Technology Services Consolidation Working Group to assist the Office of Enterprise Technology Services in working with certain state agencies to inventory and categorize the business criticality of each major state information technology system or data set and determine the appropriate data center or hosting facility requirements. Requires a report to the Legislature. Extends the working group's dissolution date to 6/30/2026. (CD1)

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