

By: Deshotel

H.B. No. 2401

A BILL TO BE ENTITLED

1 AN ACT

2 relating to the requirement that state agency employees complete
3 cybersecurity awareness training.

4 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF TEXAS:

5 SECTION 1. Subchapter N-1, Chapter 2054, Government Code,
6 is amended by adding Section 2054.5175 to read as follows:

7 Sec. 2054.5175. CYBERSECURITY AWARENESS TRAINING. Each
8 state agency shall require all employees of the agency who have
9 access to the agency's network or online systems, including
10 electronic mail or Internet access, to complete training on
11 cybersecurity awareness. The training must:

12 (1) be designed, administered, and maintained by a
13 third-party vendor based in this state that:

14 (A) has offered professional security awareness
15 training in this state for at least five years;

16 (B) has provided security awareness training to
17 at least 100,000 people; and

18 (C) is recognized by the legal community as a
19 leader in the security awareness training field;

20 (2) run on a web-based learning management system;

21 (3) include industry standards of content for
22 cybersecurity training, including training on information
23 governance, privacy, acceptable use, records management, password
24 management, open records, spam, electronic mail and phishing, spear

1 phishing, computer viruses and malware, ransomware, social
2 engineering, data management, external or removable media, safe
3 Internet habits, impersonation, improper usage, physical security,
4 mobile data, and incident response;

5 (4) be capable of training at least 100,000 people;

6 (5) incorporate a management console allowing the
7 entering of the employee's first name, last name, electronic mail
8 address, state agency employer, and division in which the employee
9 is employed;

10 (6) track the progress of an employee in completing
11 the training;

12 (7) generate reports, including reports that display
13 the progress in completing the training of:

14 (A) each division of a state agency;

15 (B) each state agency as a whole; and

16 (C) the entire state workforce;

17 (8) provide a flexible number of training licenses to
18 accommodate an unknown number of employees being trained each year;

19 (9) be regularly updated to include training about new
20 cybersecurity threats;

21 (10) have the ability to include content in addition
22 to cybersecurity awareness training, including training on human
23 resources policies and sexual harassment prevention;

24 (11) have the ability to display an image of the state
25 seal or a state agency's seal or logo;

26 (12) have the ability to create groups and allow
27 employees to be assigned to the groups;

1 (13) have the ability to assign training requirements
2 to specific groups of employees; and

3 (14) have the ability to send electronic mail
4 notifications that are customizable to employees enrolled in the
5 training.

6 SECTION 2. This Act takes effect September 1, 2019.