HOUSE BILL 1331

G1 8lr2960 CF 8lr2994

By: Delegates A. Washington and Kaiser, Kaiser, Rose, C. Howard, Ebersole, Tarlau, and M. Washington

Introduced and read first time: February 9, 2018

Assigned to: Ways and Means

Committee Report: Favorable with amendments

House action: Adopted

Read second time: March 12, 2018

CHAPTER _____

1 AN ACT concerning

2

3

4

5 6

7

8

9

10

11

12

13

1415

16 17

18

19 20

 $\frac{21}{22}$

23

24

Election Law - Cybersecurity

FOR the purpose of requiring the State Administrator of Elections to notify certain persons within a certain period of time after becoming aware of a security incident involving an election system; requiring that the notification include certain information; authorizing the Secretary of Information Technology to require that information contained in a notification be withheld from the general public if the Secretary makes a certain determination; requiring an election service provider to take certain actions within a certain period of time after becoming aware of a security incident involving an election system; requiring the State Administrator of Elections, under certain circumstances, to submit a written report to certain persons within a certain period of time after becoming aware of a certain security violation involving an election system; requiring that the report include certain information and be updated continuously as new information becomes available; requiring the State Administrator to submit a written report to certain persons on a certain date each year that describes any significant attempted security violations involving an election system in the previous year; requiring that the annual report include certain information and be updated continuously as new information becomes available; authorizing the Secretary of Information Technology to require that information contained in a certain report be withheld from the general public if the Secretary makes a certain determination; requiring an election service provider, under certain circumstances, to take certain actions within a certain period of time after becoming aware of a security violation or significant attempted security violation involving an election system; requiring a voter who uses the online absentee ballot application to

EXPLANATION: CAPITALS INDICATE MATTER ADDED TO EXISTING LAW.

[Brackets] indicate matter deleted from existing law.

<u>Underlining</u> indicates amendments to bill.

Strike out indicates matter stricken from the bill by amendment or deleted from the law by amendment.



request an absentee ballot be sent by any method or who uses any method to request
to receive a blank absentee ballot through the Internet to provide certain
information; requiring the State Board approved absentee ballot application and
online absentee ballot application to require the applicant to check a box
acknowledging a certain statement; requiring a voter who chooses to receive a blank
absentee ballot through the Internet to check a box acknowledging a certain
statement before choosing whether to mark the ballot by hand or use the online ballot
marking tool; requiring each polling place and early voting center to have a paper or
electronic backup copy of the election register available for the use of the election
judges if certain computer devices do not function properly during an election;
defining certain terms; and generally relating to election cybersecurity.

- 12 BY adding to
- 13 Article Election Law
- 14 Section 2–108
- 15 Annotated Code of Maryland
- 16 (2017 Replacement Volume and 2017 Supplement)
- 17 BY repealing and reenacting, with amendments,
- 18 Article Election Law
- 19 Section 9–305, 9–308.1, and 10–302
- 20 Annotated Code of Maryland
- 21 (2017 Replacement Volume and 2017 Supplement)
- 22 SECTION 1. BE IT ENACTED BY THE GENERAL ASSEMBLY OF MARYLAND,
- 23 That the Laws of Maryland read as follows:
- 24 Article Election Law
- 25 **2–108.**
- 26 (A) (1) In this section the following words have the meanings 27 indicated:
- 28 (2) "ELECTION SERVICE PROVIDER" MEANS ANY PERSON
 29 PROVIDING, SUPPORTING, OR MAINTAINING AN ELECTION SYSTEM ON BEHALF OF
- 30 THE STATE BOARD OR A LOCAL BOARD, INCLUDING A CONTRACTOR OR VENDOR.
- 31 (3) "ELECTION SYSTEM" MEANS ANY INFORMATION SYSTEM USED
- 32 FOR THE MANAGEMENT, SUPPORT, OR ADMINISTRATION OF AN ELECTION,
- 33 INCLUDING:
- 34 (I) THE VOTING SYSTEM;
- 35 (II) THE ONLINE VOTER REGISTRATION SYSTEM;

1		(III)	THE VOTER REGISTRATION DATABASE;
2 3	SYSTEMS;	(IV)	THE ONLINE BALLOT REQUEST, DELIVERY, OR MARKING
4		(V)	THE ELECTRONIC POLLBOOKS;
5 6	RESULTS; AND	(VI)	THE SYSTEM FOR TABULATING OR REPORTING ELECTION
7		(VII)	THE STATE BOARD OR LOCAL BOARD E MAIL SYSTEM.
8	(4)	"SEC	URITY INCIDENT' MEANS AN OCCURRENCE THAT:
9		(I)	ACTUALLY OR IMMINENTLY JEOPARDIZES, WITHOUT
10	LAWFUL AUTHO	RITY,	THE INTEGRITY, CONFIDENTIALITY, OR AVAILABILITY OF
11	INFORMATION OF	R AN II	VFORMATION SYSTEM; OR
12		(II)	CONSTITUTES A VIOLATION OR AN IMMINENT THREAT OF A
13	VIOLATION OF LA	W, SE	CURITY POLICIES, SECURITY PROCEDURES, OR ACCEPTABLE
14	USE POLICIES.		
15	(B) (1)	Nor	WITHSTANDING ANY OTHER LAW, IF THE STATE
16	ADMINISTRATOR	HAS	REASON TO BELIEVE THAT A SECURITY INCIDENT HAS
17	OCCURRED INVO	LVING	AN ELECTION SYSTEM OWNED, OPERATED, OR MAINTAINED
18	BY THE STATE P	OARD	OR A LOCAL BOARD, OR AN ELECTION SYSTEM PROVIDED,
19	SUPPORTED, OR	MAIN	TAINED BY AN ELECTION SERVICE PROVIDER, THE STATE
20	ADMINISTRATOR	SHAL	L NOTIFY THE FOLLOWING WITHIN 7 DAYS AFTER BECOMING
21	AWARE OF THE S	ECURI	TY INCIDENT:
22		(I)	THE STATE BOARD;
23		(II)	THE GOVERNOR;
24		(III)	THE PRESIDENT OF THE SENATE OF MARYLAND;
25		(IV)	THE SPEAKER OF THE HOUSE OF DELEGATES;
26 27	COMMITTEE;	(V)	THE EDUCATION, HEALTH, AND ENVIRONMENTAL AFFAIRS
28		(VI)	THE COMMITTEE ON WAYS AND MEANS;
29		(VII)	THE DEPARTMENT OF INFORMATION TECHNOLOGY; AND

1		(VIII) THE OFFICE OF LEGISLATIVE AUDITS IN THE DEPARTMENT
2	OF LEGISLATIVE	SERVICES.
3	(2)	A NOTIFICATION UNDER THIS SUBSECTION SHALL:
4		(I) PROVIDE THE DATE AND DURATION OF THE SECURITY
5	INCIDENT;	
6		(II) DESCRIBE THE SPECIFIC ELECTION SYSTEMS AFFECTED
7	AND INFORMATI	ON ACCESSED;
8		(HI) LIST SPECIFIC ACTIONS TAKEN TO RECOVER FROM THE
9	SECURITY INCID	ENT AND PREVENT SIMILAR FUTURE SECURITY INCIDENTS; AND
10		(IV) BE UPDATED CONTINUOUSLY AS NEW INFORMATION
11	BECOMES AVAIL.	ABLE.
12	(3)	NOTWITHSTANDING ANY OTHER LAW, THE SECRETARY OF
13	INFORMATION T	ECHNOLOGY MAY REQUIRE THAT THE INFORMATION CONTAINED IN
14		PROVIDED UNDER THIS SUBSECTION BE WITHHELD FROM THE
15		C IF THE SECRETARY DETERMINES THAT THE PUBLIC INTEREST IS
16	SERVED BY WITH	HOLDING THE INFORMATION.
17	(C) IF A	N ELECTION SERVICE PROVIDER HAS REASON TO BELIEVE THAT A
18	SECURITY INCID	ENT HAS OCCURRED INVOLVING AN ELECTION SYSTEM PROVIDED,
19	SUPPORTED, OR	MAINTAINED BY THE ELECTION SERVICE PROVIDER, THE ELECTION
20	SERVICE PROVIE	DER SHALL:
21	(1)	NOTIFY THE STATE ADMINISTRATOR WITHIN 7 DAYS AFTER
22	BECOMING AWAI	RE OF THE SECURITY INCIDENT; AND
23	(2)	COOPERATE WITH THE STATE ADMINISTRATOR IN PROVIDING
24	THE NOTIFICATI	ON REQUIRED UNDER SUBSECTION (B) OF THIS SECTION.
25	<u>(A)</u> <u>(1)</u>	IN THIS SECTION THE FOLLOWING WORDS HAVE THE MEANINGS
26	INDICATED.	
27	<u>(2)</u>	"APPROPRIATE PERSONS" MEANS:
28		(I) THE STATE BOARD;
29		(II) THE GOVERNOR;
30		(III) THE PRESIDENT OF THE SENATE OF MARYLAND; AND

1		<u>(IV)</u>	THE SE	PEAKER OF	THE HOUSE OF	DELEGAT	<u>'ES.</u>	
2 3 4	(3) PROVIDING, SUP THE STATE BOAL	PORTI	NG, OR	MAINTAININ		ON SYSTEM	I ON BI	
5 6 7	(4) FOR THE MANA INCLUDING:				EANS ANY INF ADMINISTRA			
8		<u>(I)</u>	THE VC	TING SYSTE	<u>EM;</u>			
9		<u>(II)</u>	THE ON	LINE VOTE	R REGISTRATIO	ON SYSTEM	<u>1;</u>	
10		<u>(III)</u>	THE VC	TER REGIS	TRATION DATA	BASE;		
11 12	SYSTEMS;	<u>(IV)</u>	THE O	NLINE BALI	LOT REQUEST,	DELIVER	Y, OR	<u>MARKING</u>
13		<u>(v)</u>	THE EL	ECTRONIC	POLLBOOKS;			
14 15	RESULTS; AND	<u>(VI)</u>	THE SY	STEM FOR	TABULATING (OR REPOR	TING E	ELECTION
16		<u>(VII)</u>	THE ST	ATE BOARI	OR LOCAL BO	ARD E-MA	IL SYS	<u>гем.</u>
17 18	(5) INCIDENTS:	"SEC	URITY	VIOLATION	" MEANS AN	Y OF TI	HE FO	LLOWING
19 20	ELECTION SYSTE	(I) M WIT			G LOGICAL OR	PHYSICA	L ACCE	SS TO AN
21 22 23	PREVENTS OR ELECTION SYSTE	IMPAI	RS THE	NORMAL				
24 25	THAT INFECTS A				STALLATION (OF MALIC	OUS S	<u>OFTWARE</u>
26 27 28	AN ELECTION S POLICY.				CCEPTABLE US N THE STATE			

30 31

32

33

YEAR.

1	(6) "SIGNIFICANT ATTEMPTED SECURITY VIOLATION" MEANS AN
2	ATTEMPT TO COMMIT A SECURITY VIOLATION THAT:
4	ATTEMIT TO COMMIT A SECURITY VIOLATION THAT.
3	(I) IS KNOWN OR REASONABLY SUSPECTED TO HAVE BEEN
4	COMMITTED BY A FOREIGN GOVERNMENT OR AGENTS OF A FOREIGN GOVERNMENT;
5	OR
	<u>~~</u>
6	(II) THE STATE ADMINISTRATOR CONSIDERS TO BE OF
7	PARTICULAR SIGNIFICANCE OR CONCERN.
8	(B) (1) NOTWITHSTANDING ANY OTHER LAW, IF THE STATE
9	ADMINISTRATOR KNOWS OR REASONABLY SUSPECTS THAT A SECURITY VIOLATION
0	INVOLVING AN ELECTION SYSTEM OWNED, OPERATED, OR MAINTAINED BY THE
1	STATE BOARD OR A LOCAL BOARD OR AN ELECTION SYSTEM PROVIDED,
2	SUPPORTED, OR MAINTAINED BY AN ELECTION SERVICE PROVIDER HAS OCCURRED,
13	THE STATE ADMINISTRATOR SHALL SUBMIT A WRITTEN REPORT TO THE
4	APPROPRIATE PERSONS WITHIN 7 DAYS AFTER BECOMING AWARE OF THE SECURITY
5	VIOLATION.
6	(2) A REPORT UNDER THIS SUBSECTION SHALL:
L 7	(I) PROVIDE THE DATE AND DURATION OF THE SECURITY
18	<u>VIOLATION;</u>
	()
19	(II) DESCRIBE THE NATURE OF THE SECURITY VIOLATION AND
20	THE SPECIFIC ELECTION SYSTEMS AFFECTED;
21	(III) LIST SPECIFIC ACTIONS TAKEN TO RECOVER FROM THE
22	SECURITY VIOLATION AND PREVENT SIMILAR FUTURE SECURITY VIOLATIONS; AND
44	SECURITY VIOLATION AND PREVENT SIMILAR FUTURE SECURITY VIOLATIONS, AND
23	(IV) BE UPDATED CONTINUOUSLY AS NEW INFORMATION
24	BECOMES AVAILABLE.
4 T	
25	(C) (1) NOTWITHSTANDING ANY OTHER LAW, ON JANUARY 1 EACH YEAR
26	THE STATE ADMINISTRATOR SHALL SUBMIT A WRITTEN REPORT TO THE
27	APPROPRIATE PERSONS THAT DESCRIBES ANY SIGNIFICANT ATTEMPTED SECURITY
28	VIOLATION INVOLVING AN ELECTION SYSTEM OWNED, OPERATED, OR MAINTAINED
29	BY THE STATE BOARD OR A LOCAL BOARD OR AN ELECTION SYSTEM PROVIDED,
30	SUPPORTED, OR MAINTAINED BY AN ELECTION SERVICE PROVIDER THAT THE STATE
-	

(2) THE REPORT UNDER THIS SUBSECTION SHALL:

ADMINISTRATOR KNOWS OR REASONABLY SUSPECTS OCCURRED IN THE PREVIOUS

$\frac{1}{2}$	(I) PROVIDE THE DATE AND DURATION OF THE SIGNIFICANT ATTEMPTED SECURITY VIOLATION;
3 4	(II) DESCRIBE THE NATURE OF THE SIGNIFICANT ATTEMPTED SECURITY VIOLATION AND THE SPECIFIC ELECTION SYSTEM TARGETED;
5	(III) DESCRIBE HOW THE TARGETED ELECTION SYSTEM WAS
6	PROTECTED AND WHETHER ANY ADDITIONAL MEASURES TO PROTECT THE
7	ELECTION SYSTEM ARE WARRANTED; AND
8 9	(IV) BE UPDATED CONTINUOUSLY AS NEW INFORMATION BECOMES AVAILABLE.
10	(D) NOTWITHSTANDING ANY OTHER LAW, THE SECRETARY OF
11	INFORMATION TECHNOLOGY MAY REQUIRE THAT THE INFORMATION CONTAINED IN
12	A REPORT SUBMITTED UNDER SUBSECTION (B) OR (C) OF THIS SECTION BE
13	WITHHELD FROM THE GENERAL PUBLIC IF THE SECRETARY DETERMINES THAT THE
14	PUBLIC INTEREST IS SERVED BY WITHHOLDING THE INFORMATION.
15	(E) IF AN ELECTION SERVICE PROVIDER KNOWS OR REASONABLY SUSPECTS
16	THAT A SECURITY VIOLATION OR SIGNIFICANT ATTEMPTED SECURITY VIOLATION
17	HAS OCCURRED INVOLVING AN ELECTION SYSTEM PROVIDED, SUPPORTED, OR
18	MAINTAINED BY THE ELECTION SERVICE PROVIDER, THE ELECTION SERVICE
19	PROVIDER SHALL:
20	(1) NOTIFY THE STATE ADMINISTRATOR IN WRITING WITHIN 4 DAYS
21	AFTER BECOMING AWARE OF THE SECURITY VIOLATION OR SIGNIFICANT
$\frac{-}{22}$	ATTEMPTED SECURITY VIOLATION; AND
23 24	(2) COOPERATE WITH THE STATE ADMINISTRATOR IN SUBMITTING THE REPORT REQUIRED UNDER SUBSECTION (B) OR (C) OF THIS SECTION.
25	9–305.
26	(a) A voter may request an absentee ballot by completing and submitting:
27	(1) the State Board approved absentee ballot application;
28	(2) a form provided under federal law;
29 30	(3) SUBJECT TO SUBSECTION (B) OF THIS SECTION, a written request that includes:
31	(i) the voter's name, residence address, and signature; and

- 1 (ii) the address to which the ballot is to be mailed, if different from 2 the residence address; or
- 3 (4) [as specified in subsection (c) of this section,] the accessible online 4 absentee ballot application provided by the State Board.
- (B) A VOTER WHO USES THE ONLINE ABSENTEE BALLOT APPLICATION TO REQUEST THAT AN ABSENTEE BALLOT BE SENT BY ANY METHOD OR WHO USES ANY METHOD TO REQUEST TO RECEIVE A BLANK ABSENTEE BALLOT THROUGH THE INTERNET SHALL PROVIDE THE FOLLOWING INFORMATION:
- 9 (1) A MARYLAND DRIVER'S LICENSE NUMBER OR MARYLAND
 10 IDENTIFICATION CARD NUMBER, THE LAST FOUR DIGITS OF THE APPLICANT'S
 11 SOCIAL SECURITY NUMBER, AND ANY OTHER INFORMATION IDENTIFIED BY THE
 12 STATE BOARD THAT IS NOT GENERALLY AVAILABLE TO THE PUBLIC BUT IS READILY
 13 AVAILABLE TO THE APPLICANT; OR
- 14 (2) IF THE APPLICANT IS AN ABSENT UNIFORMED SERVICES VOTER
 15 OR OVERSEAS VOTER AS DEFINED IN THE FEDERAL UNIFORMED AND OVERSEAS
 16 CITIZENS ABSENTEE VOTING ACT OR A VOTER WITH A DISABILITY AND DOES NOT
 17 HAVE A MARYLAND DRIVER'S LICENSE OR MARYLAND IDENTIFICATION CARD, A
 18 SOCIAL SECURITY NUMBER.
- 19 (C) THE STATE BOARD APPROVED ABSENTEE BALLOT APPLICATION AND 20 THE ONLINE ABSENTEE BALLOT APPLICATION SHALL REQUIRE THE APPLICANT TO 21 CHECK A BOX ACKNOWLEDGING THE FOLLOWING STATEMENT:
- 22"I UNDERSTAND THAT IF I REQUEST TO RECEIVE AN ABSENTEE BALLOT ONLINE OR BY FAX, THE BALLOT I PRINT AND RETURN BY MAIL WILL NOT BE THE 23SAME BALLOT THAT IS COUNTED. THE BALLOT THAT I PRINT AND RETURN WILL BE 24DUPLICATED BY ELECTION OFFICIALS ONTO AN OFFICIAL BALLOT THAT IS MACHINE 25 26 READABLE. IF I WANT AN OFFICIAL BALLOT THAT WILL NOT NEED TO BE 27 DUPLICATED, I MAY REQUEST TO RECEIVE AN ABSENTEE BALLOT BY MAIL." CHECK 28 A BOX ACKNOWLEDGING A STATEMENT THAT, IF THE VOTER REQUESTS TO RECEIVE 29 AN ABSENTEE BALLOT ONLINE OR BY FAX, THE BALLOT THE VOTER RETURNS WILL 30 HAVE TO BE DUPLICATED BY ELECTION OFFICIALS ONTO AN OFFICIAL BALLOT THAT 31 IS MACHINE READABLE TO BE COUNTED.
- 32 [(b)] **(D)** An application for an absentee ballot must be received by a local board:
- 33 (1) if the voter requests the absentee ballot be sent by mail or facsimile 34 transmission, not later than the Tuesday preceding the election, at the time specified in the 35 guidelines;

- 1 (2)if the voter requests the absentee ballot be sent by the Internet, not 2 later than the Friday preceding the election, at the time specified in the guidelines; or 3 if the voter or the voter's duly authorized agent applies for an absentee 4 ballot in person at the local board office, not later than the closing of the polls on election 5 day. 6 The online absentee ballot application provided by the State Board shall (c) 7 require the applicant to provide: 8 a Maryland driver's license number or Maryland identification card 9 number, the last four digits of the applicant's Social Security number, and other 10 information identified by the State Board that is not generally available to the public but is readily available to the applicant; or 11 12 if the applicant is an absent uniformed services voter or overseas voter (2)13 as defined in the federal Uniformed and Overseas Citizens Absentee Voting Act and does 14 not have a Maryland driver's license or Maryland identification card, a Social Security number. 15 16 9-308.1. 17 In this section: (a) 18 (1) "online ballot marking tool" includes a system that allows a voter to: 19 (i) access a blank ballot through the Internet; electronically mark the ballot with the voter's selections; and 20(ii) 21 print a paper copy of the marked ballot for mailing to a local (iii) 22board; and 23 (2)"online ballot marking tool" does not include a system that is capable of 24storing, tabulating, or transmitting votes or voted ballots by electronic or electromagnetic 25means through the Internet. 26 The State Board may provide an accessible optional online ballot marking tool 27 for use by a voter who requested to have the absentee ballot sent by the Internet.
- 32 (2) An online ballot marking tool is not required to satisfy the requirements 33 of:

shall certify that an online ballot marking tool satisfies all of the certification requirements

under § 9–102(d) of this title before approving an online ballot marking tool for use by

Except as provided in paragraph (2) of this subsection, the State Board

28

29

30

31

(c)

voters.

5

6

7

8

- 1 (i) § 9-102(d)(2) of this title if the U.S. Election Assistance 2 Commission has not approved specific performance and test standards for online ballot 3 marking tools; or
- 4 (ii) § 9–102(d)(1)(iii) of this title.
 - (D) A VOTER WHO CHOOSES TO RECEIVE A BLANK ABSENTEE BALLOT THROUGH THE INTERNET SHALL BE REQUIRED TO CHECK A BOX ACKNOWLEDGING THE FOLLOWING STATEMENT BEFORE CHOOSING WHETHER TO MARK THE BALLOT BY HAND OR USE THE ONLINE BALLOT MARKING TOOL:
- "I UNDERSTAND THAT IF I CHOOSE TO MARK MY BALLOT ON MY COMPUTER
 USING THE INTERNET, IT IS POSSIBLE THAT MY CHOICES COULD BE VIEWED BY
 OTHERS WITHOUT MY KNOWLEDGE. IF I WANT TO BE CERTAIN TO KEEP MY CHOICES
 SECRET, I MAY PRINT OUT MY BALLOT AND MARK IT BY HAND." A STATEMENT THAT,
 IF THE VOTER CHOOSES TO MARK THE VOTER'S BALLOT ON THE VOTER'S COMPUTER
 USING THE INTERNET, THE VOTER'S CHOICES COULD BE VIEWED BY OTHERS
 WITHOUT THE VOTER'S KNOWLEDGE.
- [(d)] (E) (1) This subsection applies if an online ballot marking tool utilizes a bar code that is used to generate a ballot that is acceptable for machine tabulation.
- 18 (2) A local board shall compare the vote in each contest on the ballot marked by the voter to the vote in each contest on the ballot generated from the bar code during the canvass.
- 21 (3) If there is a discrepancy in any contest between the vote on the ballot marked by the voter and the vote on the ballot generated from the bar code, the vote on the ballot marked by the voter shall be considered valid and shall be counted.
- 24 10–302.
- 25 (a) In a timely manner for each election, the local board shall provide for the 26 delivery to each polling place the supplies, records, and equipment necessary for the 27 conduct of the election.
- 28 (b) Each polling place shall be equipped with a computer device that contains a 29 record of all registered voters in the county and that is capable of being networked to other 30 polling place computer devices.
- (c) Each polling place and early voting center shall have a paper or electronic backup copy of the election register available for the use of the election judges if the computer devices required under subsection (b) of this section do not function properly during an election.

 $\begin{array}{c} 1 \\ 2 \end{array}$

1, 2018.	
approved:	
	Governor.
	Speaker of the House of Delegates.
	President of the Senate.