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From: Carl Hage
Sent: Monday, October 1, 2018 4:35:16 PM (UTC-08:00) Pacific Time (US & Canada)
To: Jerdonek, Chris (REG); Kattouw, Roan (REG); Wasserman, Tony (REG)
Cc: Chan, Donald (REG)
Subject: FYI, New report on voting machine security

This message is from outside the City email system. Do not open links or attachments from untrusted sources.

FYI, just released a few days ago is a report of voting machine
vulnerabilities uncovered at DefCon 26 "Voting Machine Hacking Village".

News page: https://www.defcon.org/html/links/dc-news.html

https://www.defcon.org/images/defcon-26/DEF%20CON%2026%20voting%20village%20report.pdf

The Defcon 25 2017 report:

https://www.defcon.org/images/defcon-25/DEF%20CON%2025%20voting%20village%20report.pdf

Some news media coverage:
https://www.wired.com/story/voting-machine-vulnerabilities-defcon-voting-village/

https://arstechnica.com/information-technology/2018/09/e-voting-researchers-warn-of-hack-that-could-flip-the-electoral-college/

Note, the 2017 focus was on paperless DRE machines-- they did not have
access to optical scan or VVPAT machines.

As usual, do not reply to this message.

From: Carl Hage
Sent: Monday, October 1, 2018 4:43:35 PM (UTC-08:00) Pacific Time (US & Canada)
To: Jerdonek, Chris (REG); Kattouw, Roan (REG); Wasserman, Tony (REG)
Cc: Chan, Donald (REG)
Subject: Re: FYI, New report on voting machine security

On 10/01/2018 04:35 PM, Carl Hage wrote:
> FYI, just released a few days ago is a report of voting machine
> vulnerabilities uncovered at DefCon 26 "Voting Machine Hacking Village".

Another good article,

https://www.newyorker.com/news/dispatch/election-hacking-lessons-from-the-2018-def-con-hackers-conference

Notable quote from this article:

"Halderman and his fellow-researchers have long promoted an
uncomplicated and inexpensive way to protect against election hacking,
one that might seem out of place among Def Con's high tech élite: use
paper. "The simple defense and I think the most important defense that
we can roll out in the pragmatic form today is to make sure that every
vote is backed by a piece of paper and that all states audit that paper
to a high level of statistical certainty to make sure that it reflects
the same outcome the computers gave us," Halderman told the crowd,
repeating points he'd made last year while testifying to the Senate
Select Committee on Intelligence."