## Declaration of

Pursuant to 28 U.S.C Section 1746, make the following declaration.

1. I am over the age of 21 years and I am under no legal disability, which would prevent me from giving this declaration.
2. I was an electronic intelligence analyst under $305^{\text {th }}$ Military Intelligence with experience gathering SAM missile system electronic intelligence. I have extensive experience as a white hat hacker used by some of the top election specialists in the world. The methodologies I have employed represent industry standard cyber operation toolkits for digital forensics and OSINT, which are commonly used to certify connections between servers, network nodes and other digital properties and probe to network system vulnerabilities.
3. I am a US citizen and I reside location in the United States of America.
4. Whereas the Dominion and Edison Research systems exist in the internet of things, and whereas this makes the network connections between the Dominion, Edison Research and related network nodes available for scanning,
5. And whereas Edison Research's primary job is to report the tabulation of the count of the ballot information as received from the tabulation software, to provide to Decision HQ for election results,
6. And whereas Spiderfoot and Robtex are industry standard digital forensic tools for evaluation network security and infrastructure, these tools were used to conduct public security scans of the aforementioned Dominion and Edison Research systems,
7. A public network scan of Dominionvoting.com on 2020-11-08 revealed the following interrelationships and revealed 13 unencrypted passwords for dominion employees, and 75 hashed passwords available in TOR nodes:

8. The same public scan also showed a direct connection to the group in Belgrade as highlighted below:

```
C @ robtex.com/dns-lookup/dominionvoting.com
```

```
8 results shown.
```


## IP numbers of the name servers

2400:cb00:2049:1::adf5:3bb3
2606:4700:50::adf5:3aad
2803:f800:50::6ca2:c0ad
2803:f800:50::6ca2:c1b3
2a06:98c1:50::ac40:20ad
108.162.192.173

## Subdomains/Hostnames

Domains or hostnames one step under this dom
barracuda.dominionvoting.com
belgrade.dominionvoting.com
webmail.dominionvoting.com www.dominionvoting.com
4 results shown.
1ก8 167 10マ 170
9. A cursory search on LinkedIn of "dominion voting" on 11/19/2020 confirms the numerous employees in Serbia:


```
Vukašin Đorđević - 3rd
Software Developer at Dominion Voting Systems
Serbia
```



[^0]10. An additional search of Edison Research on 2020-11-08 showed that Edison Research has an Iranian server seen here:




Inputting the Iranian IP into Robtex confirms the direct connection into the "edisonresearch" host from the perspective of the Iranian domain also. This means that it is not possible that the connection was a unidirectional reference.


A deeper search of the ownership of Edison Research "edisonresearch.com" shows a connection to BMA Capital Management, where shareofear.com and bmacapital.com are both connected to edisonresearch.com via a VPS or Virtual Private Server, as denoted by the "vps" at the start of the internet name:


Dominionvoting is also dominionvotingsystems.com, of which there are also many more examples, including access of the network from China. The records of China accessing the server are reliable.

```
Internet archive
Loading...
    nttp://dom1nionvotingsystems.com/ |
    17:47:48 February 07, 2011
    Got an HTTP 302 response at crawl time
Redirecting to...
    http://www.dom1n1onvot1ng.com/
```




## CHINA UNICOM China169 Backbone - Fraud Risk



Domain Name: dominionvotingsystems.com
Registry Domain ID: 2530599738_DOMAIN_COM-VRSN
Registrar WHOIS Server: whois.godaddy.com
Registrar URL: http://www. godaddy com
Updated Date: 2020-05-26T15:48:58Z
Creation Date: 2020-05-26T15:48:57Z
Registrar Registration Expiration Date: 2021-05-26T15:48:57Z
Registrar: GoDaddy.com, LLC
Registrar IANA ID: 146
Registrar Abuse Contact Email: abuse@godaddy.com
Registrar Abuse Contact Phone: +1.4806242505
Domain Status: clientTransferProhibited http://www.icann.org/epp\#clientTransferProhibited
Domain Status: clientUpdateProhibited http://www.icann.org/epp\#clientUpdateProhibited
Domain Status: clientRenewProhibited http://www.icann.org/epp\#clientRenewProhibited
Domain Status: clientDeleteProhibited http://www.icann.org/epp\#clientDeleteProhibited
Registrant Organization:
Registrant State/Province: Hunan
Registrant Country: CN
Registrant Email: Select Contact Domain Holder link at
https://www.godaddy.com/whois/results.aspx?domain=dominionvotingsystems.com
Admin Email: Select Contact Domain Holder link at
https://www.godaddy.com/whois/results.aspx?domain=dominionvotingsystems.com
Tech Email: Select Contact Domain Holder link at
https://www.godaddy.com/whois/results.aspx?domain=dominionvotingsystems.com
Name Server: NS1.DNS.COM
Name Server: NS2.DNS COM
DNSSEC: unsigned

11. BMA Capital Management is known as a company that provides Iran access to capital markets with direct links publicly discoverable on LinkedIn (found via google on 11/19/2020):

## www.linkedin.com > muhammad-talha-a0759660

## Muhammad Talha - BMA Capital Management Limited <br> Manager, Money Market \& Fixed Income at BMA Capital Management Limited. BMA Capital ... <br> Manager-FMR at Pak Iran Joint Investment Company. Pakistan. <br> Pakistan - Manager, Money Market \& Fixed Income - BMA Capital Management Limited

The same Robtex search confirms the Iranian address is tied to the server in the Netherlands, which correlates to known OSINT of Iranian use of the Netherlands as a remote server (See Advanced Persistent Threats: APT33 and APT34):

| RECORDS | T 1 |
| :---: | :---: |
| Herarcical matbil of the entery | - |
| xn-mgba3a4fra.th |  |
| * 565.20 .45 .22 |  |
| Whats OpentL Web Network TK |  |
| rout $195.20,40,0 / 21$ |  |
| \$1 1531624 amame VFMsL-AS Ansterdam Location BGP Setup |  |
| descr OpentLD Web Network |  |
| Iocation Netherlands |  |
| 5 | $*$ |

12. A search of the indivisible.org network showed a subdomain which evidences the existence of scorecard software in use as part of the Indivisible (formerly ACORN) political group for Obama:

13. Each of the tabulation software companies have their own central reporting "affiliate". Edison Research is the affiliate for Dominion.
14. Beanfield.com out of Canada shows the connections via co-hosting related sites, including dvscorp.com:


Co-Hosted
There are $\mathbf{5}$ domains hosted on 96.45.195.194 (AS21949 Beanfield Technologies Inc.). Show All $\rightarrow$

This Dominion partner domain "dvscorp" also includes an auto discovery feature, where new innetwork devices automatically connect to the system. The following diagram shows some of the related dvscopr.com mappings, which mimic the infrastructure for Dominion and are an obvious typo derivation of the name. Typo derivations are commonly purchased to catch redirect traffic and sometimes are used as honeypots. The diagram shows that infrastructure spans multiple different servers as a methodology.


```
Domain Name: DSVCORP.COM
\square \quad \text { Registry Domain ID: 134773082_DOMAIN_COM-VRSN}
    Registrar WHOIS Server: whois.bookmyname.com
```

    Registnar URI. http. / Wrot bookmyname com
    Registrar URL: http://www bookmyname com
    B Similar Domain-Whois \#whois \(\pm 0\) On * 12
    \% This is the IRNIC Whois server v1.6.2.
    $\square \quad$ \% Available on web at http://whois.nic.ir/
\% Find the terms and conditions of use on http://www.nic.ir/
\% F
\%

| $\square$ |  dvscopr.caa.li | ○ ミ Internet Name <br> dvscopr.com | \#SpiderFoot UI |  |  | 0 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\square$ |  dvscopr.hasura-app.io | ○ <br> dvscopr.com | \% SpiderFoot UI | * | 0 O | 0 |
| $\square$ |  dvscopr.rackmaze.com | $\begin{aligned} & \text { © } \equiv \text { Internet Name } \\ & \text { dvscopr. com } \end{aligned}$ | \# SpiderFoot UI | … | 0. | - |
| $\square$ |  dvscopr.devices.resinstaging.io | $\begin{aligned} & \text { © } \equiv \text { internet Name } \\ & \text { dvscopr.com } \end{aligned}$ | \#SpiderFoot UI | * 9 | 0 - | - |
| $\square$ |  dvscopr.cust.dev.thingdust.io | $\begin{aligned} & \text { © Internet Name } \\ & \text { dvscopr.com } \end{aligned}$ | \# SpiderFoot UI |  |  | - |

The above diagram shows how these domains also show the connection to Iran and other places, including the following Chinese domain, highlighted below:

15. The auto discovery feature allows programmers to access any system while it is connected to the internet once it's a part of the constellation of devices (see original Spiderfoot graph).
16. Dominion Voting Systems Corporation in 2019 sold a number of their patents to China (via HSBC Bank in Canada):

# Assignment details for assignee "HSBC BANK CANADA, AS COLLATERAL AGENT" 

## Assignments (1 total)

Assignment 1

| $\begin{gathered} \text { Reel/frame } \\ \text { 050500/0236 } \end{gathered}$ | Execution date <br> Sep 25, 2019 | Date recorded <br> Sep 26, 2019 | Pages <br> 7 |
| :---: | :---: | :---: | :---: |
| SECURITY | yance <br> GREEMENT |  |  |
| Assignors <br> DOMINION VOTING SYSTEMS CORPORATION | Correspon <br> CHAPMAN \& CUTL <br> 1270 AVENUE <br> AMERICAS, 30 <br> ATTN: SOREN SCH <br> NEW YORK, NY 1002 | LLP <br> THE <br> LOOR <br> RTZ | Attorney docket |
| Assignee |  |  |  |
| HSBC BANK CANADA, AS COLLATERAL AGENT <br> 4TH FLOOR, 70 YORK STREET <br> TORONTO M5J 1S9 <br> CANADA |  |  |  |


| Properties (18) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Patent | Publication | Application | PCT | International registration |
| 8844813 | 20130306724 | 13476836 |  |  |
| 8913787 | 20130301873 | 13470091 |  |  |
| 9202113 | 20150071501 | 14539684 |  |  |
| 8195505 | 20050247783 | 11121997 |  |  |
| 9870666 | 20120232963 | 13463536 |  |  |
| 9710988 | 20120259680 | 13525187 |  |  |
| 9870667 | 20120259681 | 13525208 |  |  |
| 7111782 | 20040238632 | 10811969 |  |  |
| 7422151 | 20070012767 | 11526028 |  |  |
| D599131 |  | 29324281 |  |  |
|  |  |  |  | View al |

This searchable database contains all recorded Patent Assignment information from August 1980 to the present.

When the USPTO receives relevant information for its assignment database, the USPTO puts the information in the public record and does not verify the validity of the information. Recordation is a ministerial function-the USPTO neither makes a determination of the legality of the transaction nor the right of the submitting party to take the action.

Release 2.0.0| Release Notes I Send Feedback | Legacy Patent Assignment Search | Legacy Trademark

[^1]Of particular interest is a section of the document showing aspects of the nature of the patents dealing with authentication:

Patent assignment 050500/0236
SECURITY AGREEMENT R

| Date recorded | Reel/frame | Pages |
| :--- | :--- | :--- |
| Sep 26, 2019 | $050500 / 0236$ | 7 |
| Assignors | Execution date |  |
| DOMINION VOTNG SYSTEMS CORPORATION | Sep 25, 2019 |  |
| Assignee | Correspondent |  |
| HSBC BANK CANADA AS COLLATERAL AGENT | CHAPMAN \& CUTLER LLP |  |
| 4TH FLOOR 70 YORK STREET | 1270 AVENUE OF THE AMERICAS, 30TH FLOOR |  |
| TORONTO M5J 1S9 | ATTN: SOREN SCHWARTZ |  |
| CANADA | NEW YORK NY 10020 |  |

Properties ( 18 total)

| Patent | Publication | Application |
| :---: | :---: | :---: |
| 1. SYSTEMS AND METHODS FOR PROVIDING SECURITY IN A VOTING MACHINE Inventors: JOHN PAUL HOMEWOOD, THOMAS E. KEELING, PAUL DAVID TERWILLIGER MARC R. LATOUR |  |  |
|  |  |  |
| 7111782 | 20040238632 | 10811969 |
| Sep 26, 2006 | Dec 2, 2004 | Mar 30, 2004 |
| 2. SYSTEM, METHOD AND COMPUTER PROGRAM FOR VOTE TABULATION WITH AN ELECTRONIC AUDIT TRAIL Inventors: JOHN POULOS, JAMES HOOVER, NICK IKONOMAKIS, GORAN OBRADOVIC |  |  |
| 8195505 | 20050247783 | 11121997 |
| Jun 5, 2012 | Nov 10, 2005 | May 5, 2005 |
| 3. SYSTEMS AND METHODS FOR PROVIDING SECURITY IN A VOTING MACHINE Inventors: JOHN PAUL HOMEWOOD, THOMAS E. KEELING, PAUL DAVID TERWILLGER, MARC R. LATOUR |  |  |
|  |  |  |
| 7422151 | 20070012767 | 11526028 |
| Sep 9, 2008 | Jan 18, 2007 | Sep 25, 2006 |
| 4. BALLOT LEVEL SECURITY FEATURES FOR OPTICAL SCAN VOTING MACHINE CAPABLE OF BALLOT IMAGE PROCESSING, SECURE BALLOT PRINTING, AND BALLOT LAYOUT AUTHENTICATION AND VERIFICATION Inventors: ERIC COOMER, LARRY KORB, BRIAN GLENN LIERMAN |  |  |

17. Smartmatic creates the backbone (like the cloud). SCYTL is responsible for the security within the election system.

18. In the GitHub account for Scytl, Scytl Jseats has some of the programming necessary to support a much broader set of election types, including a decorator process where the data is smoothed, see the following diagram provided in their source code:

19. Unrelated, but also a point of interest is CTCL or Center for Tech and Civic Life funded by Mark Zuckerberg. Within their github page (https://github.com/ctcl), one of the programmers holds a government position. The Bipcoop repo shows tanderegg as one of the developers, and he works at the Consumer Financial Protection Bureau:
```
& master ~ & 1 branch }\wp0\mathrm{ tags
```


## (3) tanderegg Setup db for travis

```
\begin{tabular}{ll} 
app & Iniiti \\
config & Setı
\end{tabular}
```


## Tim Anderegg

tanderegg
$\square$ Follow $\quad \cdots$

Ri 38 followers $\cdot 23$ following $\cdot \hat{\mathbf{~} 133}$

## Consumer Financial Protection Bureau

- Washington DC

20. As seen in included document titled
"AA20-304A-
Iranian_Advanced_Persistent_Threat_Actor_Identified_Obtaining_Voter_Registration_Data " that was authored by the Cybersecurity \& Infrastructure Security Agency (CISA) with a Product ID of AA20-304A on a specified date of October 30, 2020, CISA and the FBI reports that Iranian APT teams were seen using ACUTENIX, a website scanning software, to find vulnerabilities within Election company websites, confirmed to be used by the Iranian APT teams buy seized cloud storage that I had personally captured and reported to higher authorities. These scanning behaviors showed that foreign agents of aggressor nations had access to US voter lists, and had done so recently.
21. In my professional opinion, this affidavit presents unambiguous evidence that Dominion Voter Systems and Edison Research have been accessible and were certainly compromised by rogue actors, such as Iran and China. By using servers and employees connected with rogue actors and hostile foreign influences combined with numerous easily discoverable leaked credentials, these organizations neglectfully allowed foreign adversaries to access data
and intentionally provided access to their infrastructure in order to monitor and manipulate elections, including the most recent one in 2020. This represents a complete failure of their duty to provide basic cyber security. This is not a technological issue, but rather a governance and basic security issue: if it is not corrected, future elections in the United States and beyond will not be secure and citizens will not have confidence in the results.

I declare under penalty of perjury that the forgoing is true and correct to the best of my knowledge. Executed this November $23^{\text {th }}, 2020$.


[^0]:    Edvan Sabanovic • 3rd
    Senior Full-stack Web Developer
    Belgrade, Serbia
    Past: Senior Web Developer at Dominion Voting Systems

[^1]:    Assignment Search

