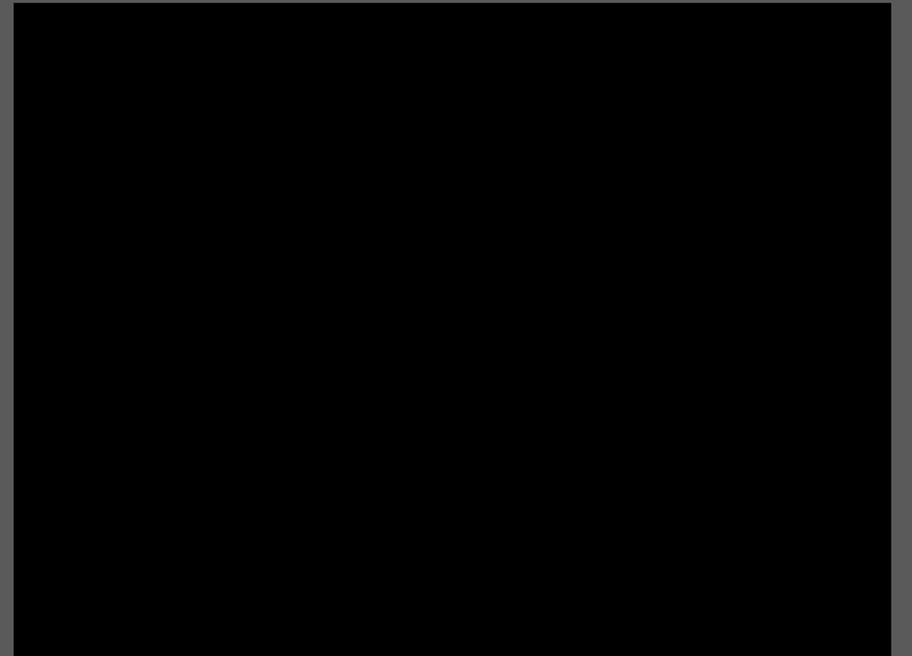


**Foreign Influence in U.S.
Elections by Text Message
will begin in...**



Reminders for Our Worldwide Friends

*All meeting content is confidential: No photos, no video, no recording.
Reach out to room monitor staff with questions.*



L'ensemble du contenu de la réunion est confidentiel : les photos, vidéos et enregistrements sont interdits. Pour toute question, demandez conseil au personnel.



Todo el contenido de la reunión es confidencial: No está permitido sacar fotografías ni grabar vídeo o audio. Consulte con el personal si tiene alguna pregunta.



Der gesamte Inhalt des Meetings ist vertraulich: Keine Fotos, kein Video, keine Tonaufzeichnung. Bei Fragen wenden Sie sich an die Mitarbeiter.



会議の内容はすべて機密扱いです。写真やビデオの撮影、録音は禁止されています。質問がある方は、スタッフまでご連絡ください。



所有会议内容均为保密信息：禁止拍照、录像、录音。如有疑问，请咨询职员。



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Foreign Influence in U.S. Elections by Text Message

Date: August 18, 2020

Elvis Chan, FBI

Kezia “Z” Braithwaite, Twilio
Verify

Alex Bobotek, M3AAAWG

Roddy Lindsay, Campaign



CYBER DIVISION

FEDERAL BUREAU OF INVESTIGATION

Safeguarding the 2020 Elections: An FBI Perspective

Presented by SSA Elvis Chan
FBI San Francisco

Overall Classification: UNCLASSIFIED//FOR OFFICIAL USE ONLY

Legal Disclaimer



- This presentation should not be considered or construed as legal advice on any individual matter or circumstance.
- The contents of this document are intended for general information purposes only and may not be quoted or referred to in any other presentation, publication or proceeding without the prior written consent of the FBI.

What Happened?



- Hack and Dump
- Attack of election information infrastructure
- **Malign Foreign Influence**



“The goal of these **foreign influence** operations directed against the United States is to spread disinformation, sow discord, and, ultimately, undermine confidence in our democratic institutions and values.”

FBI Director Christopher Wray

Statement before a Congressional subcommittee, April 4, 2019

What Happened – Foreign Influence



- Starting in 2014, the St. Petersburg based Internet Research Agency (IRA) created hundreds of fake accounts to create and amplify divisive content during the 2016 elections in order to sway political campaigns.
- The IRA used accounts across social media platforms such as Facebook, Twitter, Reddit, and YouTube.

What Happened – Foreign Influence

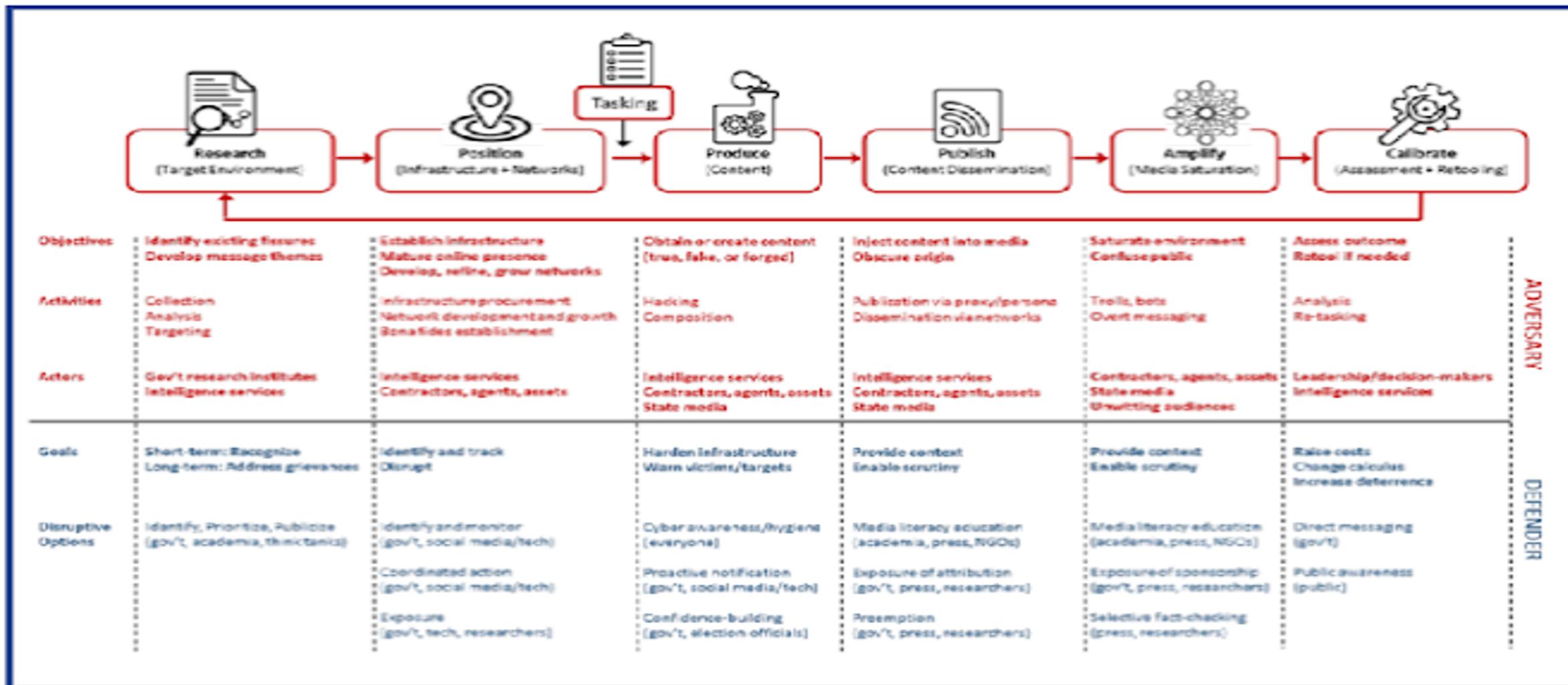
What Is Malign Influence?

Malign foreign influence operations are actions by foreign powers to influence U.S. policy, distort political sentiment and public discourse, or undermine confidence in democratic processes and values to achieve strategic geopolitical objectives. Although foreign influence operations involve a wide spectrum of foreign activities, it is the **subversive, undeclared, criminal, or coercive** nature of those activities that is the basis for the FBI's investigative interest. FBI investigations cannot be based solely on activities protected by the First Amendment.



What Happened – Foreign Influence

Malign Foreign Influence Campaign Cycle



What Happened – Foreign Influence

Comparison of China and Russia Malign Influence Tradecraft

SIMILARITIES

- Whole-of-state approach
- Sophisticated and aggressive influence efforts to advance their national priorities

DIFFERENCES

China and Russia vary in the extent of their aggressiveness and risk tolerance.

- Russia is willing to conduct more brazen and disruptive influence operations because it perceives it is already in conflict with the West.
- China limits its influence operations due to its strategic goals of developing a modern national economy and building its international influence and prestige so as to be respected as an equal, if not a superior rival, to the United States.

China and Russia emphasize different levers of power to conduct influence.

- Russia focuses on sowing disruption and confusion to undermine America's international credibility through the use of information operations, cyberattacks, and assistance to criminal and terrorist organizations.
- China appears to prefer the use of people-to-people exchanges, with an emphasis on economic levers to influence U.S. elites, politicians, and political constituencies to shape Washington's approach to China.

What are we doing about it?



Department of Justice Framework to Counter Foreign Influence Operations

Cyber operations targeting election infrastructure (integrity and availability of data)	Cyber operations targeting political parties, campaigns, and public officials (confidentiality of data)	Covert influence operations to assist or harm political organizations, campaigns and public officials	Covert influence operations to influence public opinion and sow division	Overt influence efforts to influence policymakers and the public
<p>DOJ and FBI Actions</p> <ul style="list-style-type: none"> Identify threats and warn potential targets (state officials), with DHS. Investigate and disrupt intrusions and attacks, alerting victims consistent with applicable guidance. Prosecute where possible. Respond to reports of election day crimes (e.g. voter suppression, computer intrusions). 	<p>DOJ and FBI Actions</p> <ul style="list-style-type: none"> Identify threats and warn potential targets, with DHS. Investigate and disrupt intrusions and attacks, alerting victims consistent with applicable guidance. Prosecute where possible. Raise awareness about malicious cyber operations, mitigation, and maintaining "cyber hygiene." 	<p>DOJ and FBI Actions</p> <ul style="list-style-type: none"> Investigate and disrupt activity by unregistered foreign agents. Brief potential targets, consistent with applicable guidance. Prosecute where possible. Raise awareness about malicious cyber operations, mitigation, and maintaining "cyber hygiene." 	<p>DOJ and FBI Actions</p> <ul style="list-style-type: none"> Investigate and, as appropriate, disrupt foreign influence operations. Attribute and expose activity, consistent with applicable guidance. Prosecute where possible. Notify social media, other providers of foreign influence operations and other abuse of their platforms. 	<p>DOJ and FBI Actions</p> <ul style="list-style-type: none"> Investigate possible FARA violations. Prosecute where possible. Compel registration as appropriate.
<p>Other Agencies and Their Activities</p> <ul style="list-style-type: none"> IC produces intelligence on malicious cyber operations. DHS shares intelligence (warnings) and best practices with victims and assists with recovery efforts after an intrusion (if requested). Possible diplomatic, financial, or operational responses. 	<p>Other Agencies and Their Activities</p> <ul style="list-style-type: none"> IC produces intelligence on malicious cyber operations. DHS shares intelligence (warnings) and best practices with victims and assists with recovery efforts after an intrusion (if requested). Possible diplomatic, financial, or operational responses. 	<p>Other Agencies and Their Activities</p> <ul style="list-style-type: none"> IC produces intelligence on foreign influence efforts, goals. DHS and State Dept. conduct outreach on trends in influence operations to domestic and foreign audiences. Possible diplomatic, financial, or operational responses. 	<p>Other Agencies and Their Activities</p> <ul style="list-style-type: none"> DHS and State Dept. conduct outreach on trends in influence operations to domestic and foreign audiences. DHS provides tools to private industry to protect against malign influence. Possible diplomatic, financial, or operational responses. 	<p>Other Agencies and Their Activities</p> <ul style="list-style-type: none"> DHS and State Dept. conduct outreach on trends in influence operations to domestic and foreign audiences. State Dept. responds to violations of norms by foreign actors.
<p>Key Considerations</p> <ul style="list-style-type: none"> States own the election systems and are responsible for their administration and security. 	<p>Key Considerations</p> <ul style="list-style-type: none"> Private parties own systems and data and are responsible for their security. Limited ability to protect against misuse of stolen information. 	<p>Key Considerations</p> <ul style="list-style-type: none"> May require cooperation of affected individuals and organizations to counter the threat. Many engagements with foreign governments are legitimate. 	<p>Key Considerations</p> <ul style="list-style-type: none"> May require cooperation of technology companies to counter the threat. 	<p>Key Considerations</p> <ul style="list-style-type: none"> Open communications by registered foreign media may be lawful.

Clear Violation of U.S. Law



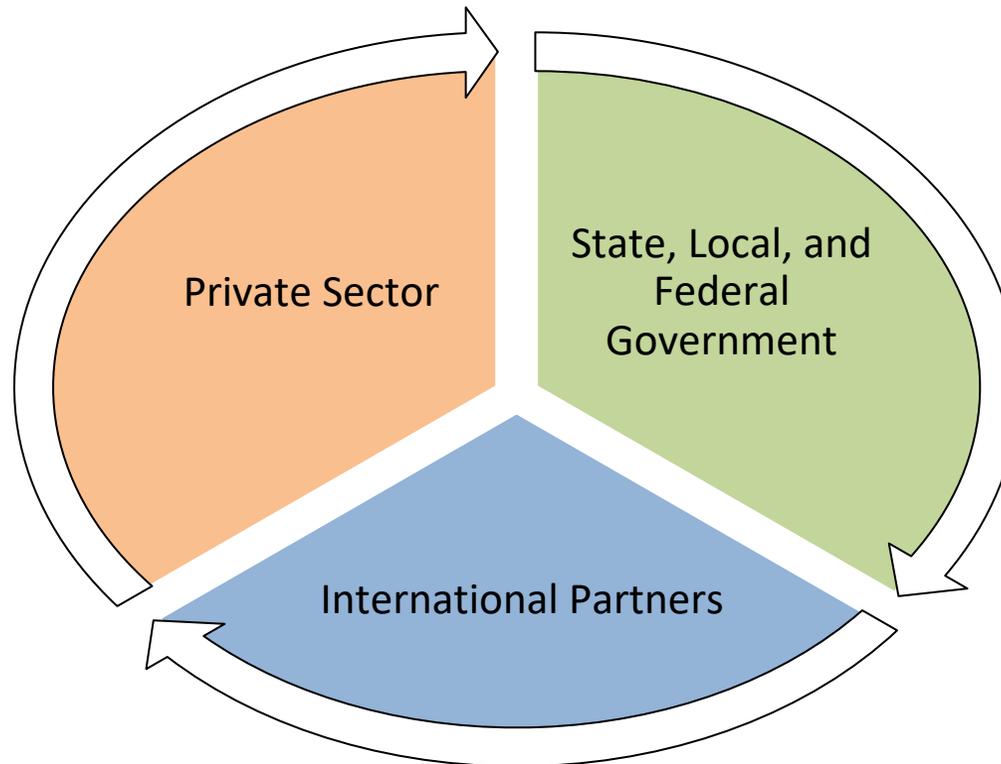
Unclear or No Violation of U.S. Law

What are we doing about it?



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(U//FOUO) A Whole-of-Society Response



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What can you do to help?



- Report possible violations of voting rights law to the Dept. of Justice: <https://www.justice.gov/crt/complaint/votintake/index.php>
- Use the FBI's training materials: <https://www.fbi.gov/investigate/counterintelligence/foreign-influence/protected-voices>

Identifying Illegal/Foreign Influence

A Carrier Perspective



- Identifying suspect messages
- Validating interference/influence
- Attribution

- Review (if/as appropriate)
- Action

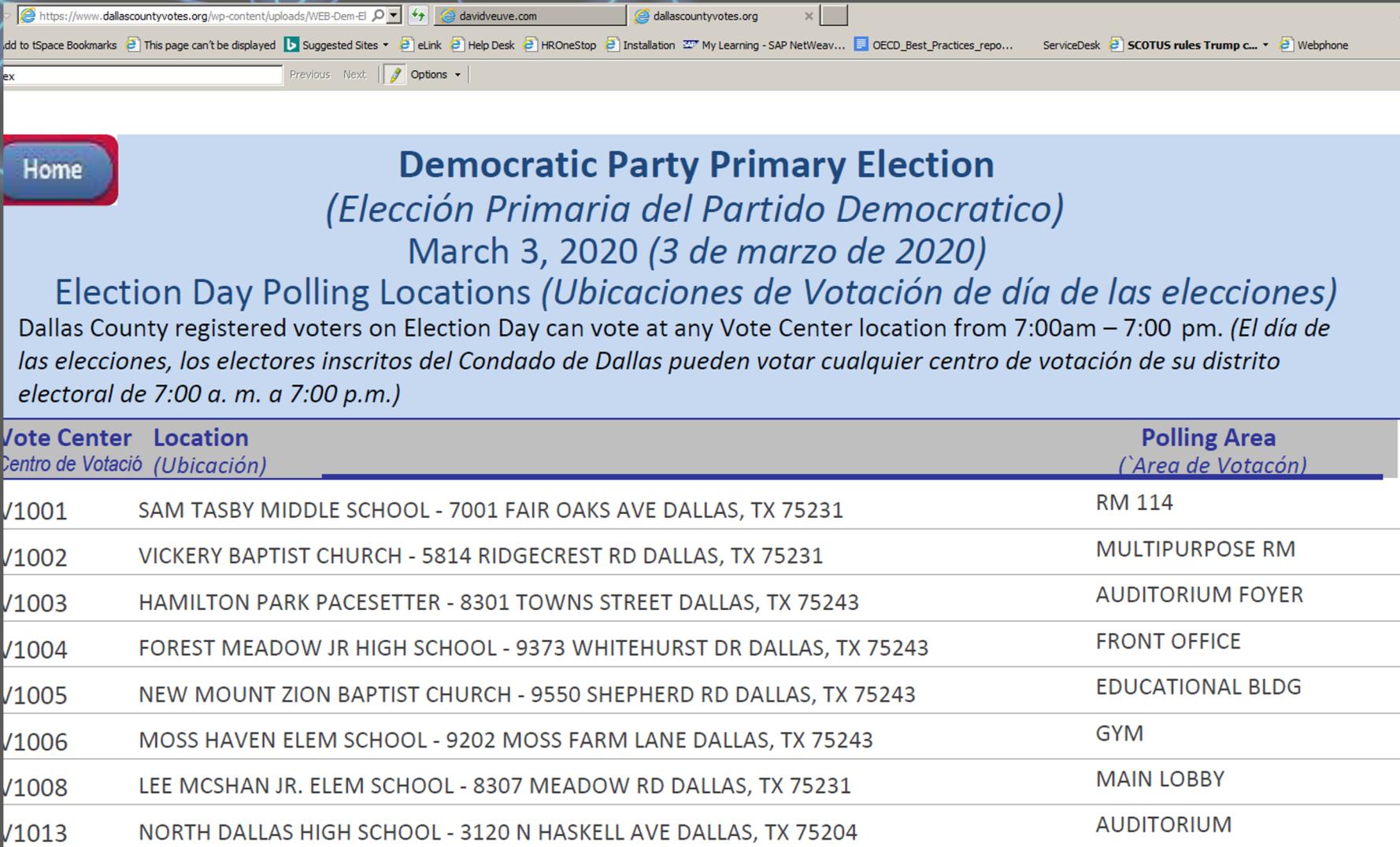
Starting With Customer Complaints ...

Content	dc(SenderNumber)	SMSAggregator	dc(ReporterNumber)	domn	clienthost	clientip
Texas! The Democratic Presidential Primary is TODAY, Tuesday, March 3rd. We are expecting a high turnout. We hope you can join your neighbors in casting a ballot TODAY. To find your polling location visit: https://teamrv-mvp.sos.texas.gov/MVP/mvp.do	48		73	teamrv-mvp.sos.texas.gov		104.17.17.19 104.17.16.19
POLLING ALERT: Today is Super Tuesday. We need to know will you support Donald Trump in November? VOTE NOW to register your support: https://nrsc.news/2Tjzm7	1		68	nrsc.news	cname.bitly.com cname.bitly.com	67.199.248.12 67.199.248.13
Dallas County Democrats Where to Vote Today - brought to you by Judge Maricela Moore. I'm Diana, a neighbor and one of Judge Moore's volunteers. Vote for Judge Maricela Moore in the Democratic Primary today until 7pm. You can vote at any of these locations: bit.ly/DallasCountyBlue	49		61	bit.ly	bit.ly bit.ly	67.199.248.10 67.199.248.11
Tulsi Gabbard-1ST female combat vet to run for president-the only veteran running, needs your help. Tomorrow, vote Tulsi in the Democratic primary. Tulsi.to	34		40	tulsi.to	cname.bitly.com cname.bitly.com	67.199.248.12 67.199.248.13
Hi Friend - this is Steve Knight. Today is Election Day and I'm asking for your vote to go Washington and fight for the issues that matter to	1		31			

SMS
Aggregator
might be
Twilio,
Bandwidth,
...

<https://www.dallascountyvotes.org/wp-content/uploads/WEB-Dem-Election-Day-Polling-Locations-1.pdf>

So is it disinformation?



Home

Democratic Party Primary Election (Elección Primaria del Partido Democrático) March 3, 2020 (3 de marzo de 2020)

Election Day Polling Locations (Ubicaciones de Votación de día de las elecciones)

Dallas County registered voters on Election Day can vote at any Vote Center location from 7:00am – 7:00 pm. (El día de las elecciones, los electores inscritos del Condado de Dallas pueden votar cualquier centro de votación de su distrito electoral de 7:00 a. m. a 7:00 p.m.)

Vote Center Location (Centro de Votación (Ubicación))	Polling Area (Área de Votación)
V1001 SAM TASBY MIDDLE SCHOOL - 7001 FAIR OAKS AVE DALLAS, TX 75231	RM 114
V1002 VICKERY BAPTIST CHURCH - 5814 RIDGECREST RD DALLAS, TX 75231	MULTIPURPOSE RM
V1003 HAMILTON PARK PACESETTER - 8301 TOWNS STREET DALLAS, TX 75243	AUDITORIUM FOYER
V1004 FOREST MEADOW JR HIGH SCHOOL - 9373 WHITEHURST DR DALLAS, TX 75243	FRONT OFFICE
V1005 NEW MOUNT ZION BAPTIST CHURCH - 9550 SHEPHERD RD DALLAS, TX 75243	EDUCATIONAL BLDG
V1006 MOSS HAVEN ELEM SCHOOL - 9202 MOSS FARM LANE DALLAS, TX 75243	GYM
V1008 LEE MCSHAN JR. ELEM SCHOOL - 8307 MEADOW RD DALLAS, TX 75231	MAIN LOBBY
V1013 NORTH DALLAS HIGH SCHOOL - 3120 N HASKELL AVE DALLAS, TX 75204	AUDITORIUM

Coordination/Collaboration is Key

- Aggregator assistance with attribution
- Threat intelligence feeds
- Sender assessment
- Legality assessment



CONTACT US

For additional questions, please email:

mobile-tech-chair@mailman.m3aawg.org

Foreign Influence in U.S. Elections by Text Message

Kezia “Z” Braithwaite

Twilio - Platform Integrity

kbraithwaite@twilio.com

- **Customer Engagement Platform**
 - Text Messaging
 - Voice and Video
 - Email

- **User Vetting**
 - Sign-up data collection
 - Identification proof
 - Entity bound Credit Card
 - Platform use case identification

- **Event Metadata Logging**
 - Baseline customer activity
 - Monitor for deviation
- **Leverage External Data**
 - Threat intelligence
 - Identity data

- **Entity Correlation Function**
- **Risk Scoring**

CONTACT US

For additional questions, please email:

kbraithwaite@twilio.com

Campaign Verify



- Independent, non-partisan, non-profit organization that verifies all FEC-registered political campaigns and entities (committees, PACs, etc.)
- Robust verification process that uses email and mailing addresses filed with FEC
- Initial rollout ahead of U.S. 2020 general election for use within long-code and toll-free SMS and MMS

How it Works

- Campaign attempting to use texting provider is referred to Campaign Verify to get a token
- Campaign submits all information on Campaign Verify's website, gets verified
- Once verified, campaign generates Authorization Tokens and submits to texting service, which sends them to their CPaaS / aggregator and / or registers them with carrier Campaign Registry
- Anyone in the network can verify tokens at any time

More Information



- www.campaignverify.org
- Email serviceproviders@campaignverify.org



Q&A

Place your questions in Q&A Box below

Inquire how Your Company Logo Can Appear **HERE**

Dina@m3aawg.org

Thank you! We hope You Enjoyed Today's Session
**Foreign Influence in U.S. Elections by
Text Message**