Date: May 10, 2019

RE: Prompts / Documents for May 14, 2019 OSVTAC Meeting Agenda Item #3
               ("City CIO / Executive Director, Department of Technology Discussion")

Attachments:

- Draft Open Source Voting State of the Art Briefing (51 pages)

1. Planning for Open Source Voting Community Meeting

From: Gerull, Linda (TIS)
Sent: Sunday, May 5, 2019 8:27 PM
To: Jerdonek, Chris (REG)
Cc: Arntz, John (REG)
Subject: Prep for Community Meeting

Hello Chris,

…

I would appreciate if the TAC members can be prepared to answer these questions that will set the stage for the Community meeting:

1. Define Open Source Voting: what is it and what is its value?
2. Set a Vision for OSV: what does success look like?
3. Key Considerations: who or what must be considered as we work to achieve our Vision?
4. What are the potential benefits of open source voting?

2. Draft Open Source Voting State of the Art Briefing

Secondly, I appreciate comments to the attached State-of-the-Art OSV Briefing. It is a pdf so a bit difficult to edit but I am looking for errors in content. This is not intended to be a strategy but a reference document on the outcomes of previous open source projects. We can talk about your thoughts at the meeting.

See you soon,
Regards,
Linda

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3. News re: ElectionGuard open source software development kit (SDK)

From: Gerull, Linda (TIS)
Sent: Monday, May 6, 2019 8:10 AM
To: Jerdonek, Chris (REG)
Cc: Arntz, John (REG)
Subject: FW: ElectionGuard Announcement

Good Morning Chris,

Can we please also add this news to the conversation and agenda for TAC this week?

Regards,
Linda

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Good Morning,

I hope you are doing well. We wanted to let you know that today we are officially announcing our E2E project! (please feel free to forward this to others on the team who I may not have contact information for).

It will be announced by our CEO, Satya, during his keynote at our big developer conference. At that time (8:30 am pacific) a blog we've authored about the project will go live and the embargo will be lifted for a few members of the media who have been pre-briefed.

Below is some additional information about the project as a refresher, as well as the blog link – though keep in mind it won't be live until the announcement has been made.

We are excited to continue our conversations with you and the San Francisco team on potential collaborations.

Talk soon!
Ginny

ElectionGuard *is an open source software development kit (SDK) that will make voting secure, more accessible, and more efficient anywhere it's used in the United States or in democratic nations around the world. ElectionGuard,*

developed with the assistance of our partner [Galois](), will be available starting this summer to election officials and election technology suppliers who can incorporate the technology into voting systems. Among ElectionGuard's many benefits, it will enable end-to-end verification of elections, open results to third-party organizations for secure validation, and allow individual voters to confirm their votes were correctly counted.

As part of this project, Microsoft will build a reference voting system to showcase ElectionGuard, which we will make public later this year to demonstrate the capabilities that ElectionGuard will enable. While we will not sell this reference system to election authorities, we hope it will help inspire the election technology community to look at ways ElectionGuard can be used to improve the voting systems they offer in the marketplace.

ElectionGuard can be used to build systems with five major benefits that will help guard the vote against tampering, and improve the voting process for citizens and officials:

- **Verifiable:** *Allowing voters and third-party organizations to verify election results.*

- **Secure:** *Built with advanced encryption techniques developed by Microsoft Research.*

- **Auditable:** *Supporting risk-limiting audits that help assure the accuracy of elections.*

- **Open source:** *Free and flexible with the ability to be used with off-the-shelf hardware.*

- **Accessible:** *Supporting standard accessibility tools and improving the voting experience.*

More information about our ElectionGuard offering can be found [here]().