Thanks Matt! The first email included the request and due date, but you beat it by almost a week! The Blockchain workshop included a challenge (from HHS, I guess) for white papers, two of which are being presented at the workshop. If NIST wasn't involved in the challenge part, I will change the Blockchain from being an example of a competition. Maybe the QRC is a better fit there.

Thanks again!

Kamie

Kamie Roberts
kroberts@nist.gov
301-975-2982

From: Scholl, Matthew (Fed)
Sent: Wednesday, September 21, 2016 3:37 PM
To: Roberts, Kamie (Fed) <kathleen.roberts@nist.gov>
Subject: Re: VCAT cyber convening

OK, did not wait for an answer but quickly filled in my thoughts for block chain and for crypto

I do not know about the ideation thing in block chain and deleted it.

I also removed quantum resistant crypto from Quics as that is being done as part of the larger crypto research and not just there.

From: "Roberts, Kamie (Fed)" <kathleen.roberts@nist.gov>

Date: Wednesday, September 21, 2016 at 3:20 PM

To: "Scholl, Matthew (Fed)" <matthew.scholl@nist.gov>, "Stine, Kevin (Fed)" <kevin.stine@nist.gov>, "Dodson, Donna F (Fed)" <donna.dodson@nist.gov>, "Pillitteri, Victoria Yan (Fed)" <victoria.pillitteri@nist.gov>

Subject: Re: VCAT cyber convening

attached is a slightly updated version of the presentation. For each area, Chuck would like to answer the

Why?

How?

What?

Who?

Outcomes.

We started to do some of this, but had to stop in the middle of blockchain.

Thanks,

Kamie

Kamie Roberts
Chief of Staff/Associate Director for Federal and Industrial Relations

Information Technology Laboratory

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Gaithersburg, MD 20899

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kroberts@nist.gov

From: Roberts, Kamie (Fed)
Sent: Wednesday, September 21, 2016 11:09 AM
To: Scholl, Matthew (Fed); Stine, Kevin (Fed); Dodson, Donna F (Fed); Pillitteri, Victoria Yan (Fed)
Subject: RE: VCAT cyber convening

Please find attached the current draft of the presentation. As a reminder, Chuck is talking for 25 minutes (including discussion) on cyberconvening during the Updates part of the VCAT agenda. This is too long, but I want to give Chuck the choice of which topics he wants to cover. I will be meeting with him later this afternoon and will let you know his thoughts.

In addition to general comments, we have a few holes:

- When we spoke I didn't note what national or international standard to use as the example
- Updates on cryptography and the commission, both of which I am sure will be on Chuck's short list.

FYI, the program names on the Convening Activities slide are links to the corresponding slide, so Chuck will have the option to return to the example list as needed.

Please have your comments and updates to me by Noon, Tuesday, Sept 27, so I can provide Chuck a draft prior to his trip to Japan.

Thanks,

Kamie

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301-975-2982

From: Roberts, Kamie (Fed)
Sent: Tuesday, August 30, 2016 6:31 PM
To: Scholl, Matthew (Fed) <matthew.scholl@nist.gov>; Stine, Kevin (Fed) <kevin.stine@nist.gov>; Dodson, Donna F (Fed) <donna.dodson@nist.gov>; Pillitteri, Victoria Yan (Fed) <victoria.pillitteri@nist.gov>
Subject: VCAT cyber convening

Apologies for the delay in getting back to this.

Chuck is good with the planned outline. He wants to include criteria we use to determine when to convene--I think this is close to our definition of convening, so have added this to the list we developed.

I have included notes from our discussion below. If you would please send me the latest updates on the numbered items below, I will begin putting the presentation together on Friday.

notes

Data, Science, Standards in Cybersecurity are critical to addressing national Cybersecurity priorities/challenges

Define convening:
- criteria: we have research expertise (need to start research early to have groundwork in place when needed)
- we can make an impact
- stakeholders look to us for our research
- Scientists as conveners

Types of convening
- direct partnership (industry, academia)
- standards
- competitions
- open forums
- other agencies
- International R&D issue
- national R&D issue (cyberframework; cyber commission)

What we do
Who we do it with
How we do it
Outcomes from doing it

1. NCCoE (direct partnership, industry)
- putting science into use
- Collaborate with industry
- Support digital economy thru diff't business sectors
2. Block chain/healthcare (other agencies)
3. Crypto (int'l R&D issue)
4. Framework (nat'l R&D issue, open forum)
3. Testing & measurement (standards,
- work in progress
- security components
- apply better measurement tools
- Visual inspection
- SCAP 1.3
- Engineer it right (160)
-> better ways to measure; open collab process w/industry
4. Public Safety (with CTL)
5. QuICS (direct partnership, academia)
- coordinate with Ron/Carl as they also speak.
7. Cybercommission (nat'l R&D issue)

Thanks,
Kamie Roberts
Chief of Staff & Associate Director
NIST/ITL
kroberts@nist.gov