2019-Nov-6

CTAB Wed. Nov. 6, 2019

Attending

- Mary Catherine Martinez, InnoSoft (chair)
- David Bantz, University of Alaska (vice chair)
- Rachana Ananthakrishnan, Globus, University of Chicago
- Tom Barton, University Chicago and Internet2
- Brad Christ, Eastern Washington University
- Jon Miner, University of Wisc - Madison
- John Pfeifer, University of Maryland
- Chris Whalen, Research Data and Communication Technologies
- Ann West, Internet2
- Albert Wu, Internet2
- Emily Eisbruch, Internet2

Regrets

- Brett Bieber, University of Nebraska
- Eric Goodman, UCOP - TAC Representative to CTAB
- Chris Hable, University of Michigan
- John Hover, Brookhaven National Lab
- Adam Lewenberg, Stanford

Action Items from this call

- [AI] (Rachana) talk with her team to get more perspectives about improving the TLS
- [AI] (John) talk with his team to get input about improving TLS
- [AI] Albert consult with NickR on engineering or other practical concerns that would arise if InCommon does the testing around secure endpoints
- [AI] Albert flesh out the BE 2020 doc with more on SIRTFI, endpoints, and other matters
- [AI] (MC) email InCommon Steering chair TedH and cc Brad Christ with the slate of nominees for CTAB 2020

Discussion

Baseline Expectations (BE) 2020

- OWASP cheat sheets - how do we apply them to BE requirements (TomB)
  - https://cheatsheetseries.owasp.org/cheatsheets/Transport_Layer_Protection_Cheat_Sheet.html
  - https://cheatsheetseries.owasp.org/cheatsheets/TLS_Cipher_String_Cheat_Sheet.html
  - TomB: for consumer electronics , not subject to those restrictions. People can travel with their cellphones.
  - Regarding this BE statement:
    - "All SP service endpoints must be secured with current, supported, unbroken transport layer encryption"
  - Need to have appropriately encrypted endpoints
  - The 2 OWASP cheat sheets demonstrate there are many details and choices
  - CTAB must decide which are satisfactory choices
  - TomB shared scanning mechanism used at U. Chicago
  - DavidB: suggests most restrictive approach
  - Jon: if a platform (eg, Windows) can't support the most restrictive approach, is that outside of baseline?
  - We must do the research to tell participants what to do on an open SSL platform and what to do on Windows
  - Hard to figure out the best approach on containers
  - SSL Labs has an API, can be used to measure, provides a grade and provides feedback
  - Goal now is to support TLS 1.2 but eventually the goal posts will change
  - TLS 1.1 will soon mean a grade of B instead of A
  - If we apply the SSL Labs standard to a commercial SP (such as Box) that is crucial for campuses, it will be a problem if Box gets "kicked out"
  - Suggestion that MC, Rachana, and others try this SSL Labs test
  - AI (Rachana) talk with her team to get more perspectives about improving the TLS
  - AI (John) talk with his team to get input about improving TLS
  - Use API to automate the SSL Labs testing?
  - What would be the next steps and consequences and timeframe for fixing if an organization does not pass
  - It would be convenient to reply on SSL testing and grade for Baseline Expectations
  - There would be cycle time for remediation if grade falls below an A
  - Issues around International browsers ?
  - Is the suggestion that participants test themselves and submit their results?
  - Or would InCommon do the testing?
  - [AI] Albert consult with NickR on engineering or other practical concerns that would arise if InCommon does the testing around secure endpoints
  - Important to provide guidance on how to disable TLS 1.1
  - DavidB found lack of documentation for Windows on this

- CTAB would need to provide guidance
- Find out the top platforms being used, Tomcat, JEDI,
- There will be some support burden; "I want to do this but I don't know how"
- CTAB needs to figure out what is reasonable, be careful in setting a high bar that is hard to implement
- For those who do not meet this, there would be a process, including dispute resolution, and could lead to extensions being given and/or an exception being mad
- Steering is the final judge in cases where an entity might be removed from metadata
- The community will have time to adhere to any new baseline requirements

- **Sirtfi** - what do we need to say to clarify? (David)
  - Do we need to go beyond "by checking the box you agree to support the SIRTFI framework"
  - At U Alaska, they don't adopt SIRTFI as practice, and that would be OK under the proposed Baseline Expectations. They can respond to a request for SIRTFI and that is what is required.
  - AI Albert flesh out the BE 2020 doc with more on SIRTFI, endpoints, and other matters

- **IAM Online,** Wed. Dec 4, 2019, 2PM Eastern
  - Dean suggested CTAB participate in IAM Online webinar on Dec. 4 to preview what's happening at TechEx 2019
  - DavidB volunteered, Albert will help. JonM may be able to attend as well (if we want more)

- **Nominations** for CTAB membership starting in 2020
  - MC worked with David and Brett to reach out to nominees
  - They spoke to 5 of the 6 nominees for CTAB.
  - Did not contact one CTAB nominee who had chosen another governance group as 1st choice
  - All seemed motivated to be part of CTAB and were good fits for CTAB.
  - Good variety of individuals.
  - We may need to change our CTAB call time to accommodate European nominees
  - Candidates asked about the next step
  - Potentially CTAB could provide a tentative yes, contingent on InCommon Steering approval.
  - Steering may look at representation to be sure a variety of key stakeholders are represented
  - Once CTAB has the slate ready, MC (CTAB Chair) would email the InCommon Steering Chair (Ted Hanss)
  - InCommon Steering next meeting is Dec 2
  - We may request that Steering do an online vote prior to then
  - AI (MC) email Ted and cc Brad Christ with the slate of nominees for CTAB 2020

- Planning for TechEx - InCommon and CTAB update - https://docs.google.com/presentation/d/1bqaBpgZzyVTWEWcQCVFYGxWx6ZZOvLBhb6PPvgwFyHk/edit
  - TechEx - Open CTAB Meeting: Discussion of Baseline 2020
  - https://meetings.internet2.edu/2019-technology-exchange/detail/10005609/
  - Review community consensus process
  - Outline BE changes
  - Discussion
  - Capture input from attendees
  - Gain greater clarity on implementation items (what to include; what not to include)

  - Proposed Agenda
    - Review community consensus **process**
    - Outline BE changes
    - Discussion
    - starting draft for TechEx based on last year's slides

    - Likely we won't be ready with a wiki about proposed baseline expectations
    - Goals:
      - Capture input from attendees
      - Gain greater clarity on implementation items (what to include; what not to include)

  - BE 2020 Prep
    - The main Doc
    - Clarification wiki pages
    - Email list for community consensus
    - Draft announcement - BE 2020 entering community consensus
    - others?

Next CTAB Call: Wed. Nov. 20, 2019