CWE REST API Working Group Meeting – April 11, 2022

1. Call to order – chair’s remarks
2. Meeting agenda approval
3. Introductions
4. Call for secretary, vice-chair
5. Organization and direction
6. Action item review
7. Next meeting
8. Adjourn
9. Call to order:

* Loosely by Robert’s Rules
* Mute when not speaking
* Wait for the gap to begin speaking
* Goal is to knock this API out and get something up and running for mutual benefit

1. Agenda approval:
2. Intros

* Name, company, goals, strengths for each attendee
* Fill in membership list skills column

1. Executive staff

* Secretary:
* Vice-chair (to keep it moving when I cannot join): Brent Sherman
* (Co-chair from MITRE)

1. Organization and direction:

* WG invite
* Accellera IP Security Assurance (IPSA - <https://www.accellera.org/activities/working-groups/ip-security-assurance>) Working Group slides
* Accellera/MITRE notes doc
* Most important section today…
  + ETAG for caching data and reducing
  + CWE/CAPEC is now structured differently
    - Need to decide on access mechanisms/infrastructure
    - DBs are currently statically generated, .csv/XML downloadable
    - 15-year history
    - “few versions per year”…
  + New structure potential ideas
    - May need to store in JSON or graph format
    - Potentially cache data periodically to unload direct DB access strains
    - Schema of CWE/CAPEC could benefit from unification
  + API 1st priority of WG; infrastructure implementation more MITRE work, but please consider infrastructure for potential “modernization” of DBs
    - Each CWE only knows parent or child… so may need to adjust on either client or host side
    - If/when new DB entries come (new field, deleted field, etc.) 🡪 new version
  + Error codes: MITRE will support the requirements of the WG

1. Action item review

* Luke to provide current view of MITRE infrastructure
* Adam to send out slides/notes from previous “work” on API
* Steve to update on email list reflector
* All: check out 2 files on “previous work” about WG’s work for the API; bring ideas next week for “needs”

1. Next meeting

* Survey Monkey with many more choices

1. Adjourn