

## CWE REST API Working Group Meeting – April 27, 2023

### 1) Call to order – recording

### 2) Agenda approval

### 3) Minutes approval

### 4) Regular order

- Note – email list reflector: [cwe-capec-rest-api-working-group-list@mitre.org](mailto:cwe-capec-rest-api-working-group-list@mitre.org)
- Note – GitHub: <https://github.com/CWE-CAPEC/REST-API-wg>
- Note – CWE data response content: [https://cwe.mitre.org/data/xsd/cwe\\_schema\\_latest.xsd](https://cwe.mitre.org/data/xsd/cwe_schema_latest.xsd)
- Note – Swagger: [API Documentation & Design Tools for Teams | Swagger](#)
- Note – GraphQL and GraphQL Playground: <https://graphql.org/>
- Note – Specs are here: <https://github.com/CWE-CAPEC/REST-API-wg/tree/main/specifications>
- Status (MITRE)
  - o STILL: May 1 is current target for pilot/demo rollout
  - o Use email to alert to the roll-out and provide a link and some instructions on how to interact
  - o May forward to other interested folks
    - Any folks receiving a forwarded email should be listed in a reply email to the CWE email list forum so MITRE can be informed
  - o “Official” communications will also come from MITRE
  - o Test content, schemas, data – but NO cyber-security testing
  - o Test “as usual” without special identification
    - MITRE not collecting “personal data” to protect privacy
    - Initial activity may get more scrutiny than usual
  - o Access throttling: MITRE will activate that as required, but not an automatic response, at the moment
  - o Polling method will be tested by some to update “local” database and synchronize it
    - Once-a-quarter MITRE database updates anticipated
  - o Testing will spawn templates to port to different languages, etc. (like python parsing from OpenAPI spec...)
    - Will these templates be provided from a central source?
      - Will be investigated by MITRE
  - o Tester reports
    - Running from “generic telemetry server”
    - Request by ID → request by ID and type: are these too difficult to create on the part of the user?
    - Performance: does it match expectations (to answer the question, “does Luke need to ask for more horsepower?”)
    - What arguments seem to be the most used: maybe specific attention could be applied to improve bandwidth
    - Client applications – eventually, may want to publicize client-side product efforts
      - Combining and relating CWE with CVE → learning/training opportunities
        - o Automating access to “source” data rather than internally-held copies
    - CWE relationship graph model could be sped up with access to most recent CWE edits
      - CVE relationships called in automatically – focusing users on relevant information

- Spec review (<https://github.com/CWE-CAPEC/REST-API-wg/blob/main/specifications/openapi.yml>)

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5) Action item review

- MITRE: press for completion
- Status update

6) Adjourn