

CWE REST API Working Group Meeting – September 15, 2022

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
- 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
- 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 Tree view query performance improvements
 - o AWS contract making continuous progress, but still “in progress”
- OpenAPI spec review
 - o Meta-data for when a change occurs
 - Versions (schema, xml, content)
 - No “name” provided for a version, just a number
 - Description could have the general change
 - Need to do a little juggling of the data to focus more on WHAT the reason for the release was (schema, only, for example)
 - Use 500-level response when release has no info (which should never happen) and query was only about the list of versions...
 - Extra arguments of other anomalies would be a malformed request
- List of “decisions” doc review
 - o Perhaps host “entire JSON database” via a server “off” of the AWS pathway
 - Could be done via redirect...
 - Or specify in the spec that this db is hosted elsewhere
 - o Flesh out a Glossary
 - Perhaps add some hierarchy where “obvious”
 - o MITRE starting in a file-based manner
 - Migrate to a “real” db (from Lambda)
 - Cloud SQL instance (PostgreSQL) 4G ram on 1 server... Or MongoDB (Atlas on AWS @\$0.20/hr plus network access)
 - o Versioning deltas
 - List of entries that changed
 - List of entries that changed with the change
 - Content delta per entry
 - List of IDs that changed (new idea)

5) Action item review

- Continue review of list of “decisions” doc review
- Check GitHub for enhanced views of db content (all)
- Status update

6) Adjourn