

# **CWE/CAPEC User Experience Working Group (UEWG)**

**Wednesday, January 11, 2023**

## **Members in Attendance**

Alec J Summers – MITRE  
Chris Coffin – MITRE  
Przemyslaw Roguski – Red Hat  
Steven Christey – MITRE  
Farbod Foomany – Security Compass  
Matthew Coles – Dell  
Rich Piazza – MITRE  
John Keane  
Faheem Ahmed – CISA  
David B Rothenberg – MITRE  
Andreas Schweiger

## **Agenda**

- Purpose
- Housekeeping
- Primary topics
  - User story development
  - Discussion: User pain points with CWE/CAPEC
  - Discussion: User community engagement strategy
- Reminders and adjourn

## **Purpose (Alec Summers)**

- Mission: Identify areas where CWE/CAPEC content, rules, guidelines, and best practices must improve to better support stakeholder community, and work collaboratively to fix them.
- Periodic reporting of activities to CWE/CAPEC Board (next quarterly Board meeting TBD Jan-Mar, 2023). Doodle poll sent recently to see when the Board can get together.
- Solicit participation from your contacts (Contact: [cwe@mitre.org](mailto:cwe@mitre.org) & [capec@mitre.org](mailto:capec@mitre.org)).

## **Housekeeping (Alec Summers)**

- Working to identify further opportunities and priorities for FY23, which is what topics 2 and 3 are about. Send any feedback to [cwe@mitre.org](mailto:cwe@mitre.org), [capec@mitre.org](mailto:capec@mitre.org), or tweet [@cwecapec](https://twitter.com/cwecapec).

## **User Story Development (Przemyslaw (Rogue) Roguski)**

- Why we need CWE/CAPEC user stories
  - Help users better understand weaknesses, the nature of weaknesses, and how they can lead to vulnerabilities. This is important information for various types of user personas.
  - Help users understand what they can achieve by using CWE/CAPEC data.

- What we want to achieve by creating user stories
  - Defining User Personas is not enough. Users may not know which persona best fits them and what they can do with weaknesses data.
  - It was suggested to update the slide to make clear a user may have multiple personas.
  - User stories should help users better identify which persona(s) apply to them and show them how to use CWE data in real user stories. This will help them learn faster.
- How do we want to present user stories
  - Three elements. Need a template for consistent structure, something like:
    - Business problem
    - Level of responsibility (tasks the user is responsible for and cares about). Different personas/users will have different responsibilities and interests in a particular problem.
    - Outcome (results achieved by using CWE/CAPEC data)
- An example user story for a Security Architect was presented using the suggested template structure.
  - Responsibility and Outcomes may vary based on the persona/role, since the personas will be looking at the problem from different perspectives.
  - Kirsten Gantenbein has volunteered to take a stab at the technical writer persona user story, and Jason Oberg has volunteered to do the hardware engineer persona. Instructions will be sent out to assist them. Additional volunteers are welcome.

#### **Discussion: User Pain Points with CWE/CAPEC (Alec Summers)**

- Understanding the program structure: pillar, class, base and variant. Maybe add more detail to FAQs or provide a tutorial to explain the hierarchical relationship. Or maybe terminology change could help.
- Site navigation for a particular use and the associated vulnerability mapping.
- Telling the difference between a CWE category and a CWE weakness, especially a CWE class.
- Users don't know what "views" are when they get to the website.
- Understanding the relationships among CWE, CAPEC and CVE.

#### **Discussion: User Community Engagement Strategy (Chris Coffin)**

- What should the strategy be to engage the user community, e.g., to get their perspective on pain points discussed today?
- What communications methods should be used, e.g., polls, emails, web, social media?
  - Public Slack channel
  - Real time feedback on mapping between CWE and vulnerabilities
  - Create standard slides for presentations/conferences

#### **Reminders and Adjourn**

- Next meeting is February 8 @ 12pm EST.