CWE-CAPEC ICS/OT Special Interest Group

"Boosting CWE Content" Sub-Working Group Charter

Chair: TBD

Introduction

The Industrial Control Systems (ICS)/Operational Technology (OT) CWE™ Special Interest Group (ICS/OT CWE SIG) offers a forum for researchers and technical representatives from organizations operating in ICS and OT design, manufacturing, and security to interact, share opinions and expertise, and leverage each other's experiences in supporting the continued growth and adoption of CWE as a common language for defining ICS/OT security weaknesses. The objective of the ICS/OT CWE SIG is to establish a stakeholder community for discussing ICS/OT CWE content and explore further cross-organizational collaboration opportunities. Members of the ICS/OT CWE SIG work with each other through open and collaborative discussions to provide critical input regarding domain coverage, coverage goals, and content hierarchical structure.

Purpose

This sub-working group will engage stakeholders in boosting CWE content for ICS/OT, including expanding existing content when applicable by adding new entries or enhancing existing entries. The effort will identify gaps in the current ICS/OT CWE view and analyze the scope and nature of those gaps. The effort will also add appropriate weaknesses to categories without any weaknesses, where supported by CWE's established scope. The group will also contribute to public discussions of potential changes to CWE's scope that may benefit the ICS/OT community. Boosting may include the identification of sub-domains of weaknesses.

Notional Work Plan

1. Define the problem space and identify the stakeholders that need to be involved
2. Reach consensus on how to move the state of the practice forward
3. Establish project plan including key tasks, subtasks, and milestones
   a. Validate first set of mappings from SEI ETF 20 categories to CWE
   b. Identify where new content can be developed from the SEI ETF 20 categories
4. Execute on the project schedule, reporting out progress to the ICS/OT SIG at key milestones
5. Review final deliverables and identify additional channels of dissemination