CWE-CAPEC ICS/OT Special Interest Group

"Education and Awareness of CWE and ICS/OT Weaknesses" 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

The goal of this sub-working group will be to develop a plan of action for making all stakeholders affected by weaknesses in ICS/OT systems aware of the weaknesses and the impacts they can have on their safety and business operations. This effort will identify gaps in the current ICS/OT CWE view and analyze the scope and nature of those gaps. A few CWE categories currently are missing any weakness; the effort will also work on adding appropriate weakness instances of those categories, 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.

Work Plan

1. Define the problem space
2. Identify the stakeholders that need to be involved and solicit their participation
3. Establish a set of topical areas for which educational materials and training can be created
4. Reach consensus on how to move the state of the practice forward
5. Create a project schedule including key tasks, subtasks, and milestones
6. Execute on the project schedule, reporting out progress to the ICS/OT SIG at key milestones
7. Review final deliverables and identify additional channels of dissemination