OpenC2

PLUG FEST/ HACK-A-THON

27, 28 JAN 2020
UMBC Training Center
Columbia, Maryland

27 JAN 2020

First Order of Business: Many thanks to:

- UMBC
  - Excellent Support despite the eleventh hour
- OpenC2: The Usual Suspects
  - Dave Lemire: Executive Secretary
  - All the OpenC2 co-chairs
- OASIS Support Team
- And most importantly: Thank you for coming!

Welcome to OpenC2's First Plug Fest and Hack-a-thon!!

OASIS Rules Reminder

- ☐ This event is being hosted by UMBC, OpenC2 & USCYBER

- ☐ Open to Non-OASIS members
  - ◘ YES to: Verify interoperability, work scenarios to stress test the specification, verify fulfillment of use cases etc.
  - ◘ NO to: Create new specifications, draft new versions

- ☐ Feedback Mechanisms for Non-OASIS members
  - ◘ Email via Comment Mailing List: https://www.oasis-open.org/committees/comments/index.php?wg_abbrev=openc2
  - ◘ Open an Issue on relevant OpenC2 GitHub Repository: https://github.com/oasis-open?utf8=%E2%9C%93&q=openc2&type=&language=

Questions and Onsite Support

- Non OASIS members interested in how to join
  - Jane Harnad (on site today)
- OpenC2 Technical Committee questions
  - Joe Brule or Duncan Sparrell (co-chairs)
  - Dave Kemp, Dave Lemire, Danny Martinez are very familiar with the specifications and will be walking around the room answering any technical questions.
  - Approx. sixteen of the OpenC2 TC members will be at tables working use cases, adjusting code and other hacking. Ask them!

Rules?

- ☐ This is not the time to be an introvert

- ☐ Whiteboard, Flip Charts, slack, notes

- ☐ Talk, Collaborate and ask questions

- ☐ Walk around to the other tables

- ☐ 'What if' is the best prefix to any sentence

- ☐ Do not think outside the box: BURN THE BOX

- ☐ Most important rule:

Have fun!

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There are 69 People Registered

- OpenC2 Presence
  - 15 are OpenC2 TC members
  - 26 Work for (or are subcontractors to) an Organization that has OpenC2 Members
  - Conversely: This is a first OpenC2 event for ~ 2/3 of the people here
- Observers vs Developers
  - 42 people self identified as developers or coders
  - 17 People self identified as 'Observers'
  - (don't know about the other ten)

Birds of a Feather & Breakouts

- Disclaimers
  - Birds of a Feather I know about
  - All numbers are guesstimates
  - Subject to change upon hearing the around the room (Next slide)
- As of Now
  - Firewalls (6 people)
  - Unmanned Platforms (7 people)
  - IoT/ Sensors (3 people)
  - Malware detection/ Sensor Analytics (6 people)
  - Orchestrators (11 people)
  - Full blown use cases (8 people)
  - Tools and aids (7 people)
  - Observers (17)

Morning of Day 1 (Jan 27)

- 07:30 Check in
- 08:00 Welcome (Brule)
- 08:15 UMBC Facility Overview
- 08:30 Define 'Birds of a Feather'
  - 'Around the Room'
  - Set up/ move around
  - Includes 15 minute break
- 10:00 Breakouts
- 12:00 Lunch on your own

Afternoon of Day 1 (Jan 27)

- 13:00 Continue Breakouts (includes break)
- 15:30 Summary
  - Each 'Bird of a Feather' presents summary
  - Group suggests agenda for Day 2
- 16:30 Adjourn

Day 2 (Jan 28)

- 07:30 Check in
- 08:15 Welcome Back (Sparrell)
- 08:20 Propose End-of-Mtg Notes Format
- 08:20 Murder Agenda/ Refine Birds of a Feather
- 08:30 Breakouts
- 9:30 Introduce Scenarios
- 10:00 Breakouts (BoFs & Scenarios)
- ~12:00 Lunch on your own
- 14:00 Firewall / Packet Filtering BoF Outbrief
- 13:00 Work Scenarios/ Use cases
- 15:30 Review Birds-of-Feather / Scenarios
- 16:15 Review End-Mtg-Notes / Wrap up
- 16:30 Adjourn

- * Breaks at will

'Around the Room'

- Purpose:
  - Inform the rest of the room of your org/ interests
  - Intended to be informal and concise (a couple minutes tops)
    - Are you an OpenC2 producer (orchestrator), consumer (actuator) or both?
    - What is the function of your component, assembly or system?
    - What is your scenario or use case?
- What to expect from the other participants:
  - Some have full blown use cases,
  - Some have a single command/ response,
  - Some only have enthusiasm at this point.
- ALL are welcome.