ESB Physical Meeting

London: 26th Sept 2023

ESB Agenda

1. Status Updates, to include:
    1. Strategic Projects
    2. WG's

2. The year ahead
    1. Durable & Emerging Themes – ESB roundtable discussion
    2. Conference 2024: How do we make it special/the best yet?

3. ESB Development

4. AOB
    1. Next Meeting

Status Updates: Projects and WG's

- Strategic Projects – Nick
  - SNbD
    - *Network and Router Security* / DSbD
    - ManySecured (WG)
  - TAIBOM (xWG)
  - Etc.,
- WG's
  - Regulatory – Stephen
  - SBE – Sarb
  - Assurance Framework - JWM

The Year Ahead: All (1)

- Durable & Emerging Themes – roundtable discussion
- AI
- Security by Design
  - Memory Safe *Systems*?
  - CHERI platform
    - edge devices

CISA CYBERSECURITY ADVISORY COMMITTEE

REPORT TO THE CISA DIRECTOR

Technical Advisory Council

Memory Safety

December 5, 2023

The clear north star for security against memory corruption exploits is the broad usage of Memory Safe Languages that provide intrinsic, deterministic memory safety with performance and efficiency that make them practical for low-level and systems applications. Anything less is playing the whack-a-mole of exploit mitigation.

https://www.cisa.gov/sites/default/files/2023-12/CSAC_TAC_Recommendations-Memory-Safety_Final_20231205_508.pdf

IoT Security Foundation
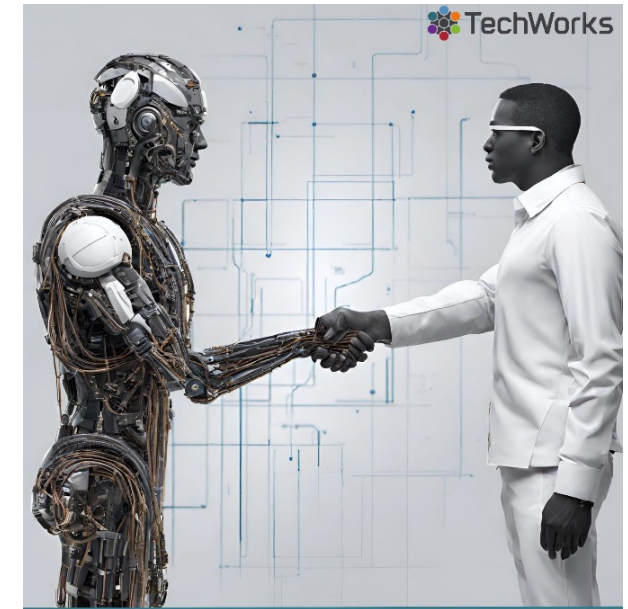
TechWorks

Engineering Trustworthy AI
A TechWorks Communities White Paper

AESIN   IoT   nmi   TechNES   POWER ELECTRONICS UK

The Year Ahead: All (2)

- Conference 2024: How do we make it special/the best yet?

- Oct 23 / IET

- Theme
  - 2023: AI + IoT
  - 10th anniversary…
- Who can we invite to speak?
  - Ollie Whitehouse, CTO, NCSC
  - International, high profile

ESB Development

- Fortifying the ESB
- Up to 12 representatives
- Should we have a core bias (e.g. tech vendors)?

- Technology Vendors:
- Service Providers:
- Academia:
- Policy Makers:
- Users:
- Independent Cybersecurity Experts:
- Government Representatives:
- Legal Experts:
- Ethical Hackers/Penetration Testers:
- Industry Standards Representatives:
- Consumer Advocates:
- International Representatives:

AOB

- Next meeting?
  - Virtual
    - w/c May 6th: 8th or 9th
    - PM
  - Sept Physical
    - Dates t.b.d
    - Any to avoid?