

Zero Trust Research Project Meeting Minutes

11-18-2022

Participants

- Dr. Xin-Wen Wu
- Dr. Soundararajan Ezekiel
- Zaryn Good
- Drew Rado
- Maria Balega
- Sky Semone
- Jared Giesen

Main Points:

- Meeting started at 6:35 pm
- Unanimously approved minutes for meeting on November 18th, 2022
- **Progress report**
 - Maria continued research and documentation on the question of “Why Zero Trust?” Two papers analyzed and documented. Working on the machine learning details of zero trust architectures.
 - Zaryn continued research and documentation on risk detection procedures. Read and documented two papers. One with a focus on modern risk detection and correction systems. The second on Smart Irrigation that included IOT systems with automated anomaly detection systems.
 - Drew continued research and documentation on automated risk responses. Provided a detailed document in response to the key questions created from analyzed papers.
 - Sky continued research with a focus on researching implementation strategies.
 - Jared continued research into machine learning models used in IOT, using resources provided by Maria and Zaryn.
- **Discussion Points**
 - Went over everyone's research progress including their documentations.
 - Continue research
 - Bolster responses to key questions.
 - Research implementation details for found concepts.
- **Tasks:**
 - Maria
 - Continue research to answer the remaining key questions on zero-trust.
 - Continue documenting findings.
 - Zaryn
 - Research requirements and viability of implementing similar systems found in the papers analyzed.
 - Continue documenting findings.
 - Drew
 - Further research modern examples and implementations of autonomous risk detection.
 - Continue documenting findings.
 - Sky
 - Continue researching implementation details.
 - Continue documenting findings.

- Jared
 - Record meeting minutes for meetings.
 - Continue getting up to speed on previous machine learning methods used.
 - Assist where needed.

Adjournment at 7:15 pm.

Next meeting will be held on Friday, November 25th at 6:35 pm.