

Zero Trust Research Project (ARMZTA) Meeting Minutes 10-25-2023

Participants

- Dr. Waleed Farag (PI)
- Dr. Soundararajan Ezekiel
- Dr. Xin-Wen Wu
- Jared Giesen
- Drew Rado
- Micah Sherry
- Justin Benedict

Meeting started at 4:00 pm

Progress Report

- Jared
 - Reviewed documentations on the IoT testbed
- Drew
 - Troubleshooted issues with the Zeek plugin for the Kafka Server, possibly resolving the issue
 - Met with Nicholas for initial on-boarding
- Micah
 - Met with Drew and Justin on steps moving forward
 - Completed preprocessing algorithm
- Justin
 - Met with Drew and Micah on steps moving forward
 - Completed preprocessing algorithm

Discussion Points

- Making progress on implementing an initial data stream detection system is top priority
- In parallel a static model will be implemented
- Two posters will be needed for the next scholar's forum
- Be sure to update Dr. Ezekiel on progress ahead of meetings

Tasks

- Team
 - Implement a live feed data capture
 - Work towards a detection algorithm for live feed data
- Jared
 - Continue work with Drew on implementing Zeek into Kafka for data capture, capturing, and visualizing data
 - Learn about the test-bed from Drew and documentation
 - Assist Dr. Wu with drafting team report

- Drew
 - Continue work with Jared on implementing Zeek into Kafka for data capture, capturing, and visualizing data
- Micah
 - Work with Justin on implementing the algorithms for the static dataset model starting with DCNN
- Justin
 - Work with Micah on implementing the algorithms for the static dataset model starting with DCNN

Adjournment at 4:40 pm

Next meeting will be held on Wednesday, Nov. 1st at 4:00 pm