

Cybersecurity Research Acceleration Workshop and Showcase

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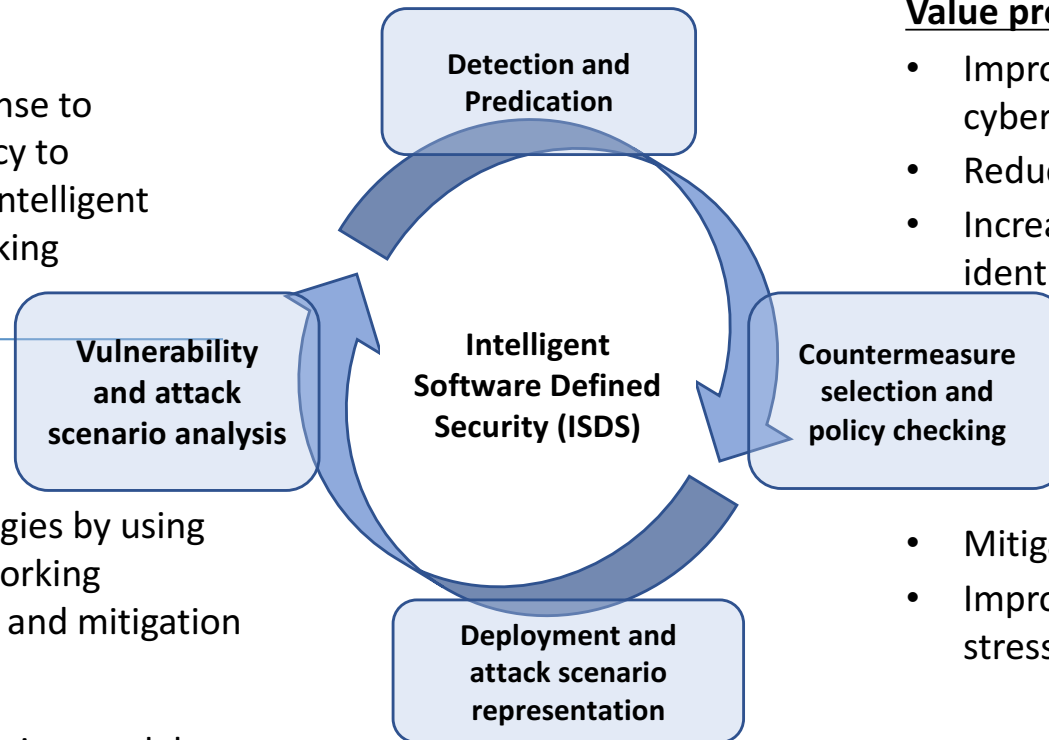
Quad Chart for: SRN: On Establishing Secure and Resilient Networking Services

Challenge:

Using moving target defense to improve network resiliency to cyberattacks through an intelligent software-defined networking approach.

Solution:

- Design intelligent security defense strategies by using software defined networking approaches to prevent and mitigation attacks effectively.
- Devise an attack prediction model based on security situation monitoring and intrusion detection.
- A comprehensive countermeasure selection and deployment model to improve security resiliency and reduce intrusiveness to good users.



Value proposition:

- Improve the agility and resiliency to cyberattacks.
- Reduce human-in-the-loop pitfalls
- Increase attackers' cost (effort and identifiability)
- Mitigate attack consequence/impact
- Improve the service continuity under stress/attacks

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What we need to TTP

- Produce Minimum Viable Product (MVP) for pilot projects or trials
- Seek investments or licensing
- Establish a spin-off company