



CENTER FOR **CYBERSECURITY**  
AT THE UNIVERSITY OF WEST FLORIDA

# Leveraging CISA Resources for Cyber Resilience Exercises in Critical Infrastructure

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# Why Are Cyber Resilience Exercises for Critical Infrastructure Imperative?

- Enhance awareness and preparedness for cybersecurity threats.
- Foster collaboration and communication among diverse stakeholders.
- Help identify attack indicators and formulate strategic planning and responses.
- Crucial for a more resilient infrastructure against evolving cyber threats.
- Session Objective: Explore how to effectively utilize resources from organizations like CISA and CIS to design and implement cyber exercises tailored for critical infrastructure sectors.













# Exercise Execution

- Scenarios
  - Explain the scenario (one round at a time).
  - First round is the learning curve and takes the longest.
  - Second and third are where the learning happens.
  - Each round builds on and is more intense than the previous.
  - Check on each team while they are working through the scenario.
    - Take notes on their discussion for use in hot wash.
  - Each role must speak in each round.
    - Even if to say there is nothing for them to do at this time.
  - Everyone takes notes on the discussions.
    - These will be used in the hotwash later.
  - Provide questions that act as a guide for discussion.



# Exercise Execution

- Hotwash
  - After lunch, so I prime them for the discussion with homework over the lunch break.
  - After all rounds of the exercises run.
  - As an entire class, we discuss each round.
    - Each team has a representative give a summary or highlights of their discussion for that round.
    - I point out interesting observations I made while I was listening to the discussions.
  - If the discussion lacks engagement or robustness, the discussion questions are brought out.











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# Thank you!

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