GRID NETWARS

SANS

GRID NetWars is focused on the technologies used in electrical generation and distribution systems, the challenges are themed around power system scenarios, protocols, and architectures. Lessons learned are applicable across numerous critical infrastructure sectors beyond the electric sector.

Recommended for: Experienced IT and OT cybersecurity practitioners supporting SCADA communications and control, field technicians, instrumentation and control, ICS field or plant control systems, and control center OT support teams.

"The hints are excellent for actually learning the content. The gamification of learning keeps me wanting to do more and go further."
- V. J. | Electrosoft

Disciplines

- Industrial Control
- Power Distribution and Generation

Example Topics

- ICS Stage 1 and Stage 2 kill chain
- Command and control
- Credential theft
- Process manipulation
- Reliability effects
- System integrity impacts

Computer Requirements

- Processor: 64-bit, x86, 2.0 GHz+
- Memory: 16GB
- HD: 40GB+ Free
- OS: Windows, Mac or Linux
- VMware

Interactive Scenario:

Recently, Alset Energy has experienced numerous unexplained system failures and some localized electric system outages impacting customers! Concern and doubt about the effectiveness of the cybersecurity program is increasing and your team has also just been notified by one of your third-party partner organizations citing an ongoing cybersecurity event that may have impacted Alset Energy as well. Is this the first sign of a possible coordinated cyberattack attempting to cause widespread long-term outages? Do you have what it takes to protect the Critical Infrastructure environments that we all rely on?

Key Specs

CPEs: Up to 6
Delivery: In-person, online, hybrid
Leaderboard: Yes
Levels: Mid, Senior, and Elite
Minimum Seats: 25
Moderator Required: Yes
Player Mode: Solo & Team
Run Time: 6h
Scorecard: Yes