About the President's Cup Cybersecurity Competition

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What is the President’s Cup Cybersecurity Competition?

Competition video demonstration

Benefits to the DoD
About the President’s Cup Competition

What is the President’s Cup Cybersecurity Competition?
The President’s Cup Cybersecurity Competition is a national cyber competition to identify, challenge, and reward the best cybersecurity talent in the federal executive workforce. The 2019 Executive Order 13870 established the annual competition.
Hosting challenges from across the National Initiative for Cybersecurity Education (NICE) Cybersecurity Framework, competitors face a diverse array of challenges and require an extensive skill set to succeed.
The competition highlights cybersecurity talent in the federal government, and promotes careers in the field, where there are an estimated 500,000 unfilled cybersecurity-related positions throughout the public and private sectors.
2019 Competition

- SEI approved to execute **July 2019**.
- EO required winners to be selected by **end of CY2019**.
- Two online qualifying rounds
- One in-person final round
- **200** teams and **1,000** individuals from the Federal government
- **82** cybersecurity challenges + ‘escape room’ video game livestreamed during the finals

Source: DHS CISA, December 2019
2020 Competition Changes

- Separate individual competition tracks:
  - Track A – Incident Response/Forensics
  - Track B – Exploitation and Vuln Assessment
- Partial credit challenges
- Practice content from 2019 competition
- CMU Entertainment Technology Center developed new team finals scenario (will be open sourced post-competition)
President’s Cup Team
Video Demonstration
Benefits to the Department of Defense
Benefits to the DoD

- Quantitative assessment of cyber operators and teams
- Competition platform for large-scale evaluation
- Observation for comparing techniques
- AI/ML for repeatable observation at scale
The End

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