



# Virtual CTF

presented by the SecLounge SIG

# The CTF Team

- Aaron Allen
- David Durvaux (European Commission)
- Brandon Grimes (DHS)
- Jonathan Homer (DHS)
- David A. Hudson (DHS)
- Anthony Kasza (Corelight)
- Stephen C. Kleinheider (DHS)
- John Kristoff (DePaul University)
- Derek Meyer (DHS)
- Renato Otranto Jr. (CERT.br)
- Timo Porjamo (CSC.fi)



# Summary Statistics

34

Challenges in June 2020

47

Participants Countries

350+

Challenges developed  
since 2012

699

Participants

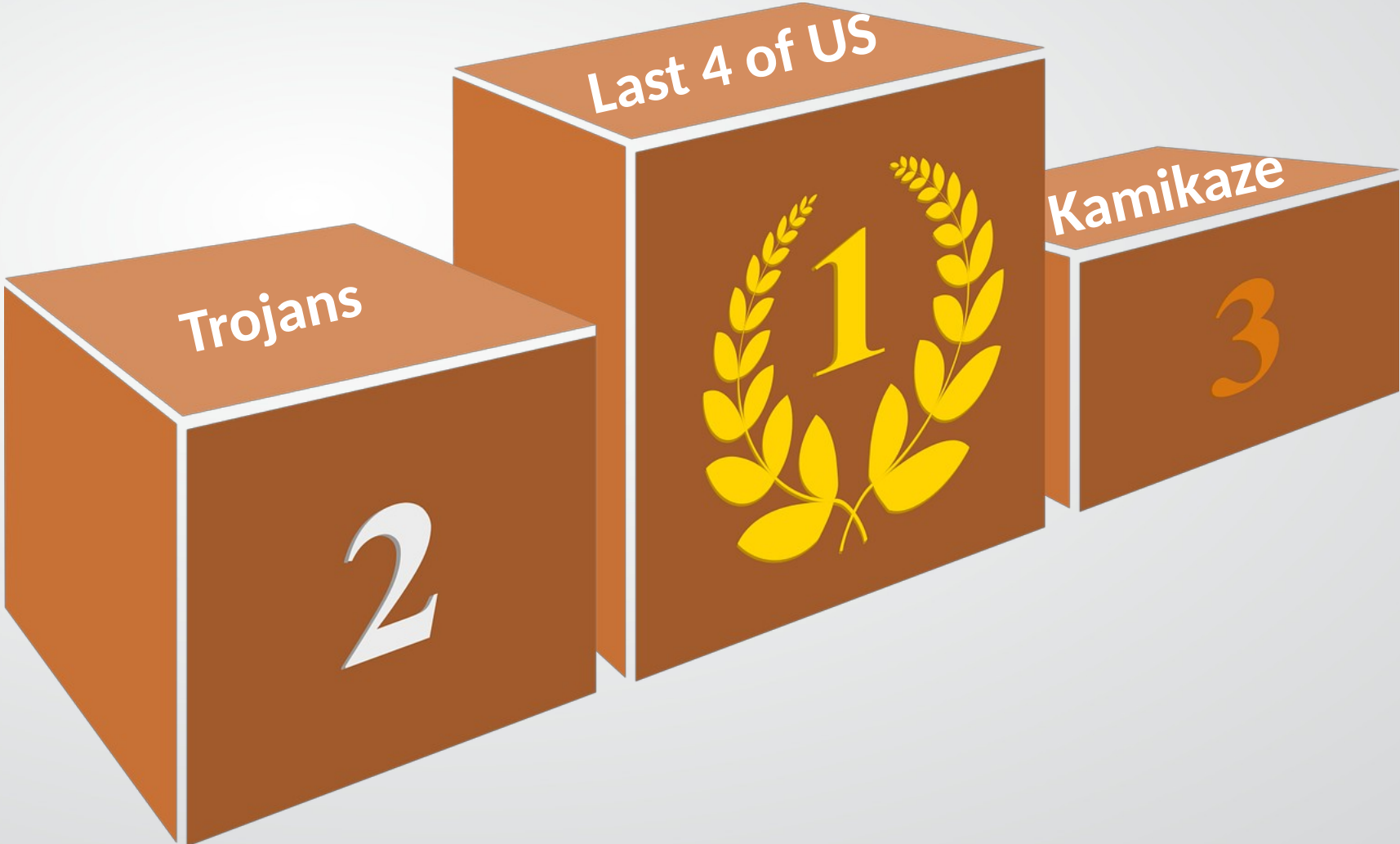
160

Teams

# New This Year

- First time we conducted a virtual CTF
- MatterMost chat rooms
- Unconstrained hints system, but that proved problematic
  - May totally revamp or remove next time
- No prizes other than fame and glory

# Winners



<input type="checkbox"/>	Place ↕	Team ↕	Score ↕	Visibility ↕
<input type="checkbox"/>	1	Last 4 of Us	5500	visible
<input type="checkbox"/>	2	Trojans	5500	visible
<input type="checkbox"/>	3	Kamikaze	5500	visible
<input type="checkbox"/>	4	ROP, NOP, and Two Smoking Exploits	5400	visible
<input type="checkbox"/>	5	Dutchies	5400	visible
<input type="checkbox"/>	6	A Poem by Tiny Tina	5250	visible
<input type="checkbox"/>	7	Zeek & Destroy	5150	visible
<input type="checkbox"/>	8	quarks	5150	visible
<input type="checkbox"/>	9	Quaranteam America	5150	visible
<input type="checkbox"/>	10	Mbuh	5150	visible



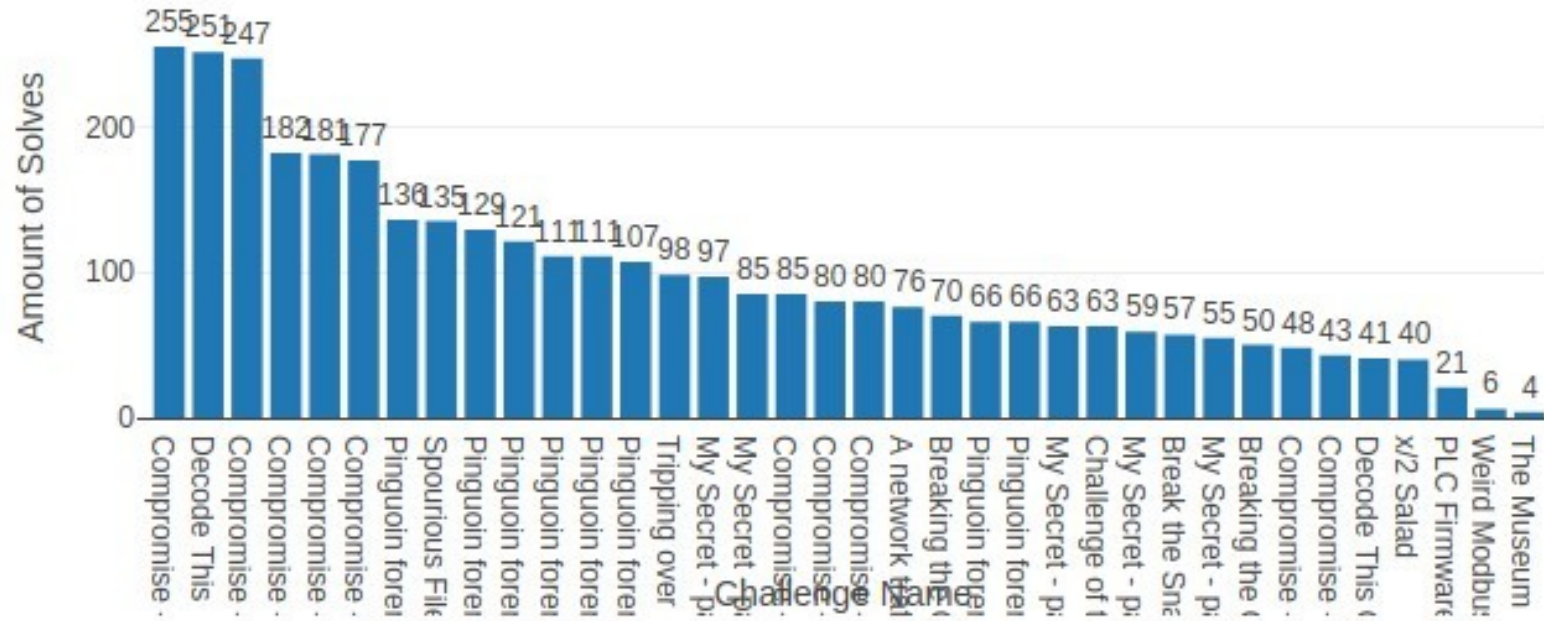
810 users registered  
341 teams registered  
2485 IP addresses

5500 total possible points  
36 challenges

Compromise - part 1 has the most solves with 255 solves

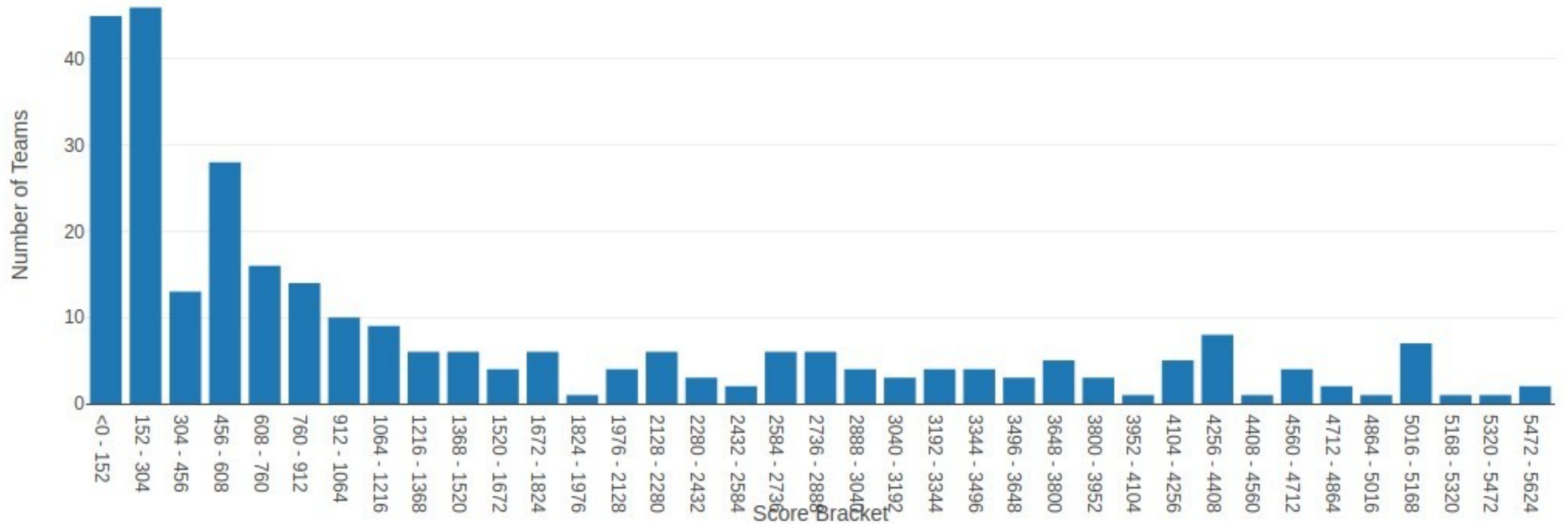
The Museum has the least solves with 4 solves

Solve Counts



Score Distribution

## Score Distribution





# Please Fill Out the Survey

<https://www.surveygizmo.com/s3/5680716/2020-FIRST-Capture-the-Flag-SecLounge-Overall-Evaluation>

# Thank You!

- Questions, Feedback, Complaints, Contributions?



<https://www.first.org/global/sigs/seclounge/>



# Time for *Last 4 of Us*

