



FIRST Virtual CTF ;)

SIG SecLounge

Agenda

- What is FIRST?
- The CTF Team
- Some statistics
- How to register?
- Rules & Tips
- Timing
- Questions & Issues

What is FIRST?

- Exist since 1988!
- *FIRST is a premier organization and recognized global leader in incident response.*
- *Membership in FIRST enables incident response teams to more effectively respond to security incidents by providing access to best practices, tools, and trusted communication with member teams.*

See <https://www.first.org/about/mission>

- SecLounge is a special interest group (SIG) of FIRST.org

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)



Brief history

- 2012 – Malta
- 2013 – Bangkok
- 2014 – Boston
- 2015 – Berlin
- 2016 – Seoul
- 2017 - Puerto Rico
- 2018 - Kuala Lumpur
- 2019 – Edinburgh
- 2020 - Montreal (This Virtual CTF - due to the pandemic)

Development over the years

- Started on 2012, in Malta Annual Conference with a few challenges over the week. A fair amount of participants for a first edition.
- Since our first FIRST, the challenges group:
 - Increased the number of people (volunteers) involved in the preparation;
 - Increased the number of challenges to be solved during the week of the Conference;
 - Improved the CTF platform, infrastructure, challenges quality; Thanks to CTFd Developers
 - We expect to continue improving and bringing to you a high quality challenges and organization. That is why we need your cooperation. Please fill the challenges survey. **There is a link for that at each challenge description.**

Some statistics

34

Challenges in June 2020

47

Participants Countries

350+

Challenges developed
since 2012

501

Participants

160

Teams

This Year

- Like many activities we had to adapt to the current world situation preparing a virtual CTF. This is our first time doing that and it is a challenge for us.
- During the conventional Annual Conference we have a lounge to assist participants, chat, make new friends, exchange knowledge and solve issues.
- At this time we have a virtual lounge to do that and we expect it works well.

How to register?

1. Register on <https://firstseclounge.org/>
2. An account will automatically be created on Mattermost (check mail from seclounge@firstseclounge.org)

Do not forget to set your country in the CTFd platform! 😊

<https://www.first.org/events/web/ctf-jun2020/>

Goal & Purpose

- The goal of this CTF is to SOLVE TECHNICAL CHALLENGES and find a hidden flag.
- IT IS NOT AN ATTACK EXERCISE. There is no red and blue teams.
- **Difficult levels:** Easy, Medium and Hard
- **Categories:** Network, Forensics, Cryptography, Reverse Engineering & ICS
- **Purpose:** Work in groups (teams), exchange knowledge, make new friends and have fun
- **From Tue to Thu** a new set of challenges will be released.
- **Friday:** The winner team will give a short presentation on a Zoom closing session

Rules & tips

- Pay close attention to answers to the challenges, especially regarding spaces and special characters.
- Challenges that are multi-part may not have some parts visible until the previous part is solved (the challenge part number is indicated in the title).
- All challenges are designed to be solvable using standard free or open source tools. A standard Linux workstation or forensics focused VM (such as [REMNUX](#) or [SIFT](#)) should be sufficient.
- **Any attempts at cheating, multiple registrations, brute force or malicious actions against the challenge framework and corresponding infrastructure will result in immediate exclusion from the challenge for the offending team. The intent of the challenge is to engage in the competition, not to attack the system.**

Schedule

Day	Time (EST/UTC-4 Montreal time)	Session
Monday, June 22	10:00-11:00 UTC-4	Opening session on Zoom
Tues–Thurs, June 23-25	Challenge Starts: Tuesday @ 09:00 UTC-4 Challenge Ends: Thursday @ 17:00 UTC-4	Participants can access the challenges and submit their answers until Thursday at 17:00 UTC-4
Friday, June 26	10:00-11:00 UTC-4	Closing session on Zoom

Few reminders

1. All of you are already registered and confirmed.
2. Please join teams. Many people are alone on his own team. All of you have hard work ahead. Share to conquer!
 1. Tip: there is a public Mattermost channel...
3. Please fill your country on the CTF platform if you didn't yet. We'd like to present the most accurate information about the countries of participants.

Winning team?

You got the floor on Friday to share your tools, techniques and experience 😊.

Questions & Issues?

A special Mattermost instance was created for this CTF

- A channel is available to reach us (“SecLounge”)
 - It’s a public channel and we won’t help with challenge solution or giving answers
- Feel free to create private channel for your team

<https://lounge.firstseclounge.org/>

Have Fun!

