CAPTURE THE FLAG

Lab

Mischa Meier Stephan Plöger

USABLE SECURITY AND PRIVACY

25 Sep 2018

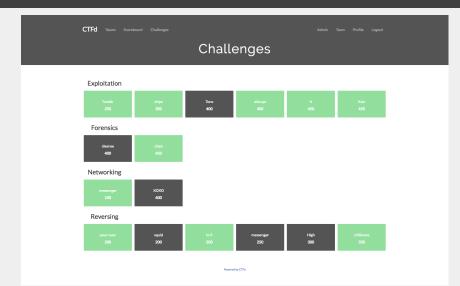


A Capture the Flag event is a information security competition.

- 6 to 48 hours
- International
- Usually on weekends

- Cryptography
- Binary exploitation
- Reverse engineering
- Web security
- Computer forensic
- Something else?

JEOPARDY



Source: https://blog.ctfd.io/

Attack & Defend



Source: Matthew Straubmuller https://www.flickr.com/photos/imatty35/

Acquire required knowledge

- technical
- task design
- Create own taks for CTF
 - ► task
 - ▶ writeup
 - check scripts

- Selection of students based on their exposé
- Contact: meierm@cs.uni-bonn.de or ploegers@cs.uni-bonn.de
- Deadline for exposé: 2nd October

REFERENCES



CTF TIME.

CTF? WTF?

https://ctftime.org/ctf-wtf/.



USENIX.

USENIX ASE.

https://www.usenix.org/conference/ase18/workshop-program.