

What the **flag**?

- Competitions about finding and exploit security vulnerabilities
- A way to develop vulnerability research & exploitation skills
- Team based, mostly running for one weekend
- A fun way into the infosec community

What CTF is **NOT**

- Illegal
- A way to quickly learn "hacking"
- Using ready-made exploits and automated tools
- Straight forward and super beginner-friendly

What are the challenges?

- No fixed rules, but common categories
- Really wide range of difficulty levels
- Always new stuff - that's why we are here

The big 4

Web.

REV

CRYPTO

pwn

The underdogs

- Blockchain, AI
- OSINT, Forensic
- Game hacking
- Scripting, competitive programming

A CTF events lifecycle

- Some CTF team host an event
- **KITCTF** decides to participate
- During the event we collaborate to solve as many challenges as possible and become **first place**
- At the next meeting solutions and interesting challenges get discussed

How do I get started

- Play CTF
- **Read writeups !!!**
- Be curious, there is no guide to CTF. Learning is part of the game
- Join the meetings, connect with others

How do I get good?

- Just start playing & read writeups
- Play for a team (hopefully us)
- Don't get intimidated
- Follow <https://kitctf.de/learning/howto>

What is KITCTF?

- CTF team at KIT, founded in 2014
 - Currently **#5 in Germany** and **#42 globally**
- Weekly meetings every **thursday**
 - General exchange about security & non-IT banter
- Irregular competitions during weekends
 - The occasional international competition
- Hosting our own CTF once a year. Last year with over 650 teams

Other teams

- ENOFLAG - TU Berlin
- FAUST - FAU Erlangen
- Platypwnies - Hasso-Plattner-Institut
- Sauercloud - German merger team
- Flagbot / P0lyglots - ETH / EPFL
- Organizers - Swiss merger team
- Kalmarunionen - Nordic merger

Team rating

[2024](#) [2023](#) [2022](#) [2021](#) [2020](#) [2019](#) [2018](#) [2017](#) [2016](#) [2015](#)
[2014](#) [2013](#) [2012](#) [2011](#)

Place	Team	Country	Rating
1	kalmarunionen		1651.746
2	thehackerscrew		1064.050
3	Blue Water		927.177
4	r3kapig		906.231
5	The Flat Network Society		905.286
6	organizers		838.907
7	Project Sekai		764.308
8	C4T BuT S4D		735.152
9	if this doesn't work we'll get more for next year		728.438
10	idek		694.559

[Full rating](#) | [Rating formula](#)

Upcoming events

Open [Finals](#)

Format	Name	Date	Duration
	BlackAlps CTF 2024  Switzerland, Yverdon-les-Bains	Thu, Nov. 07, 19:15 — Thu, Nov. 07, 23:30 UTC	4h 15 teams
	HKCERT CTF 2024 (Qualifying Round)  On-line	Fri, Nov. 08, 10:00 — Sun, Nov. 10, 10:00 UTC	2d 0h 90 teams
	Metared Argentina CERTUNLP  On-line	Fri, Nov. 08, 11:00 — Sat, Nov. 09, 11:00 UTC	1d 0h 24 teams

Past events

With scoreboard [All](#)

RedShift.Eclipse 2 Quals

Nov. 04, 2024 12:00 UTC | On-line | [Weight voting in progress](#)

Place	Team	Country	Points *
1	ufoufo		0.000
2	RedHazzarTeam		0.000
3	MHC		0.000

[186 teams total](#) | [Tasks and writeups](#)

Hack The Vote 2024

Nov. 03, 2024 23:00 UTC | On-line | [Weight voting in progress](#)

Place	Team	Country	Points *
1	Maple Bacon		0.000
2	tohru		0.000
3	Shellphish		0.000

[559 teams total](#) | [Tasks and writeups](#)

Equinor CTF 2024

Nov. 02, 2024 19:00 UTC | Norway, Oslo

Place	Team	Country	Points
1	RumbleInTheJungle		50.000
2	bootplug		36.013
3	mneF00		31.146

[78 teams total](#) | [Tasks and writeups](#)

normal

What's next?

- Intro Talks
 - Web security (**now**)
 - Binary exploitation (**15.5.**)
 - Reverse engineering (**22.5.**)
 - Cryptography (**05.6.**)

Mattermost

QR CODE IMAGE