

CTF - Capture The Flag

RecursionFairies@UNITN - 27/02/2019

Two types of CTF

- Jeopardy
- Attack/Defense

JEOPARDY

Solve challenges to obtain a flag.

No interaction between teams.

- Reversing / Binary
- Forensics
- Steganography
- Cryptography
- Web
- Recon



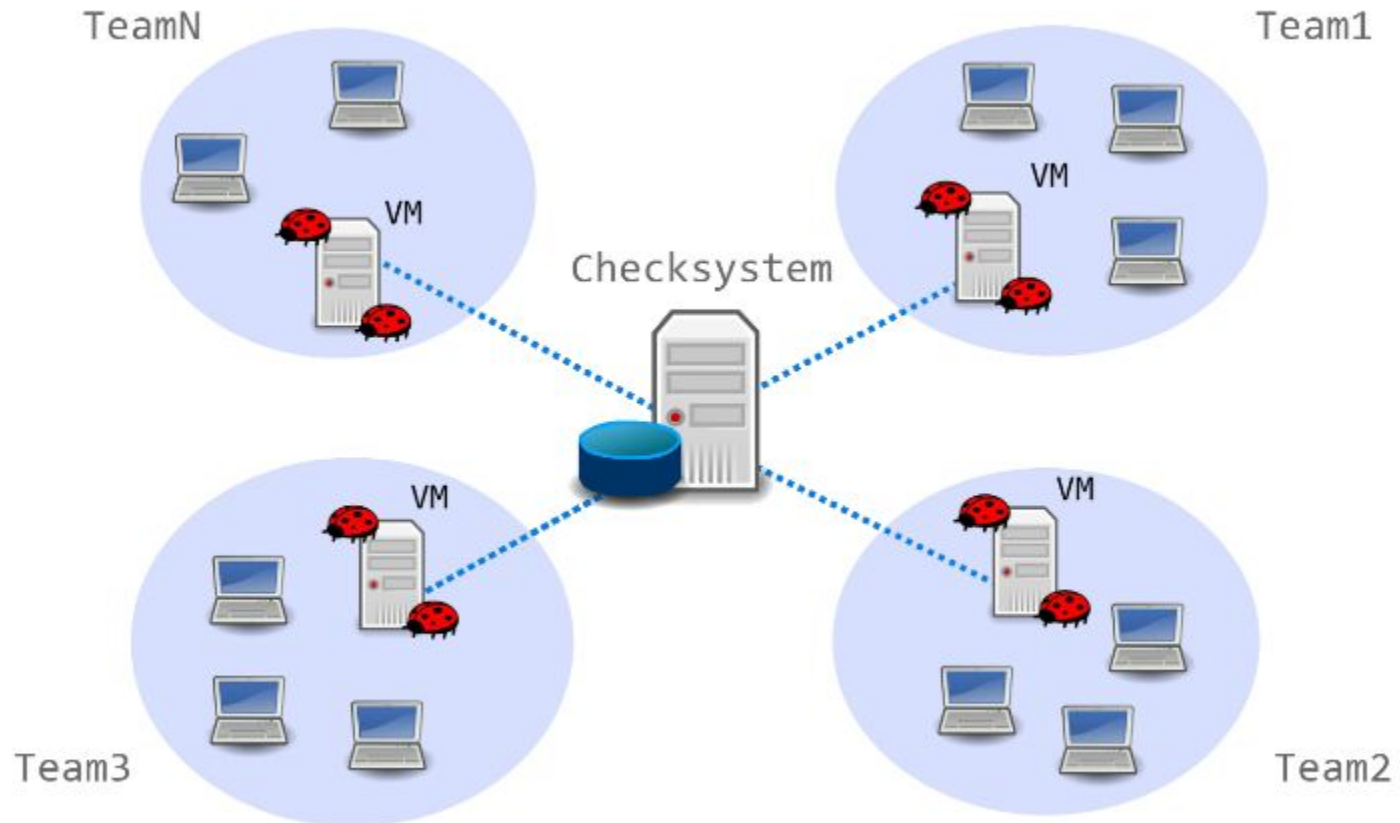
ATTACK / DEFENSE

Each team has access to a host that contains services w/ vulnerabilities.

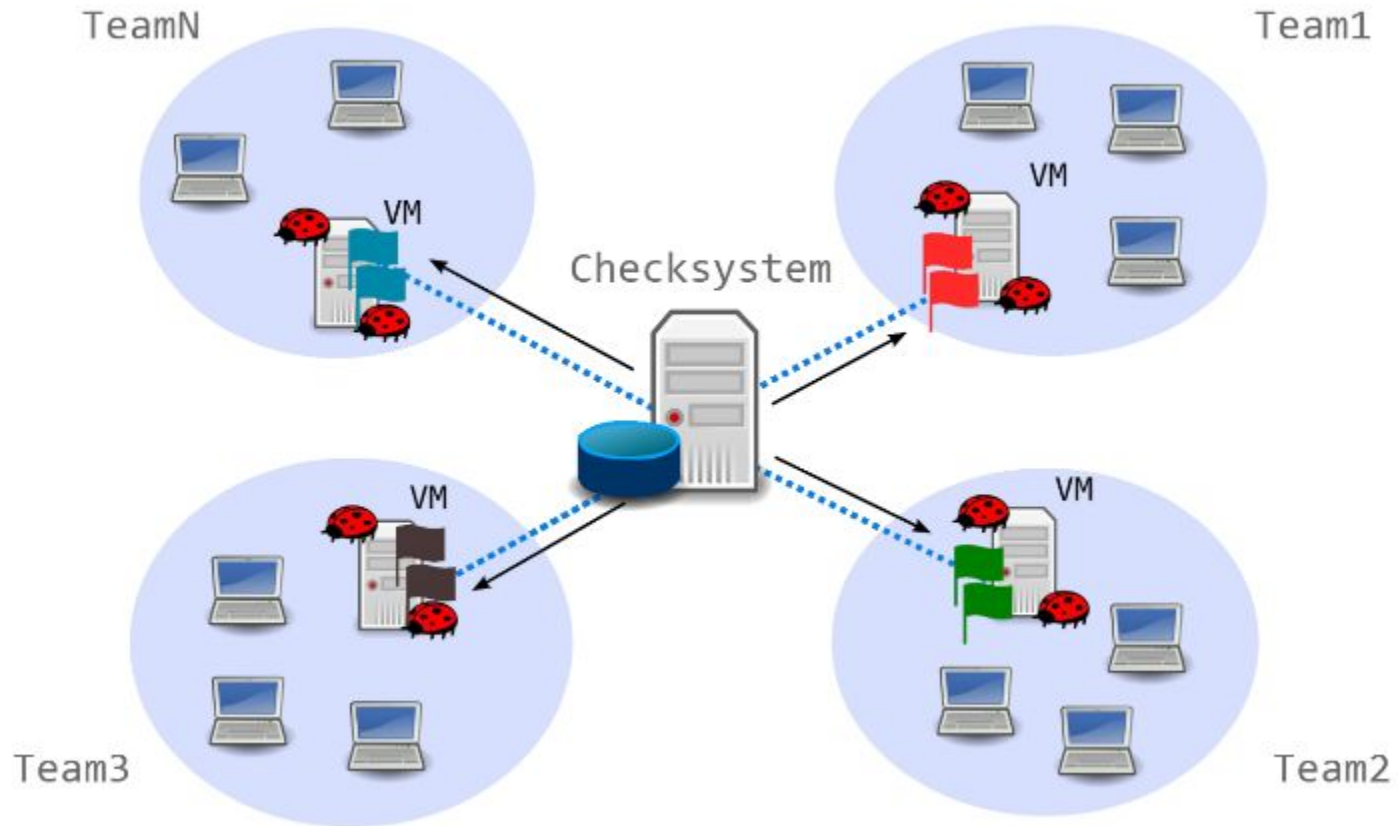
Fix Your services
Exploit other



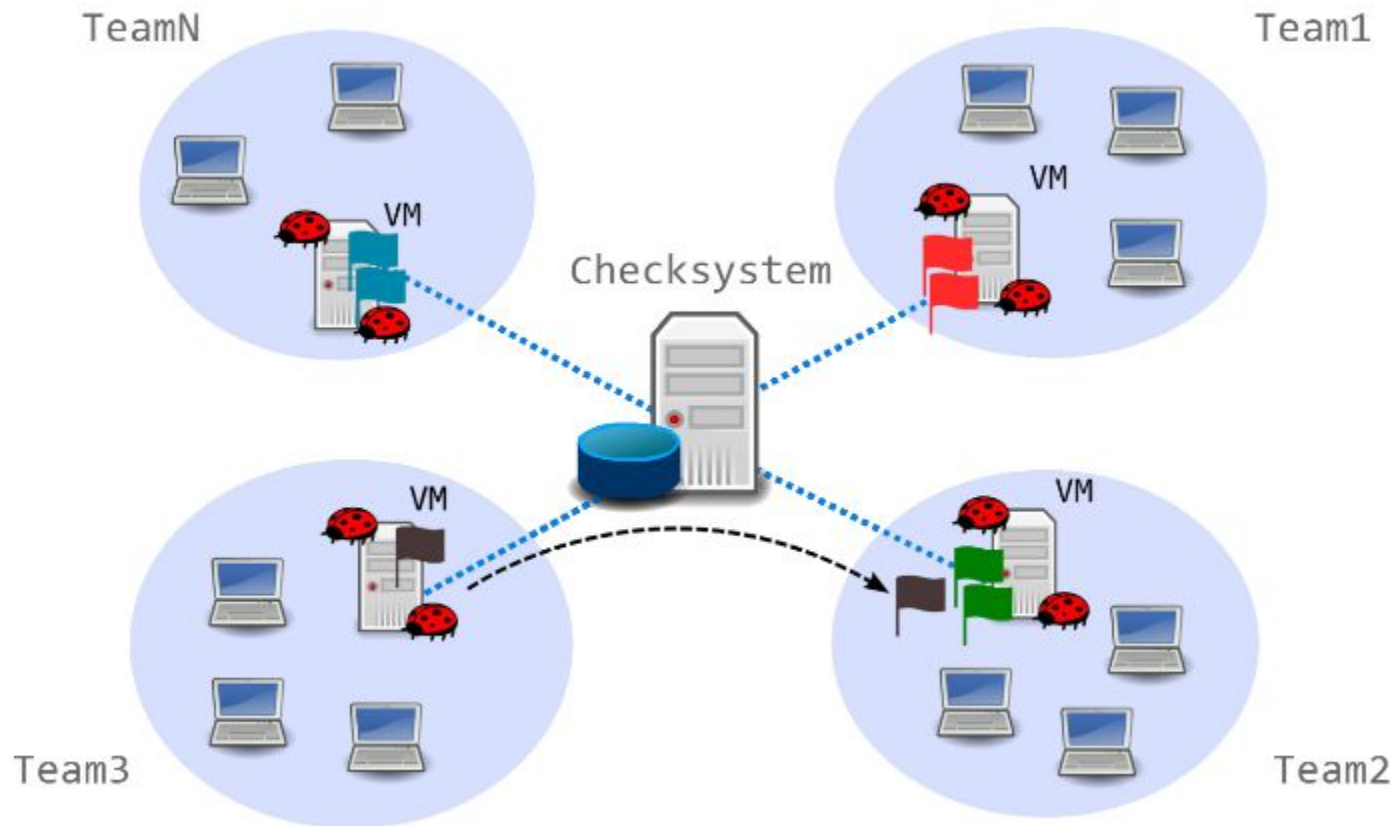
HOW IT WORKS



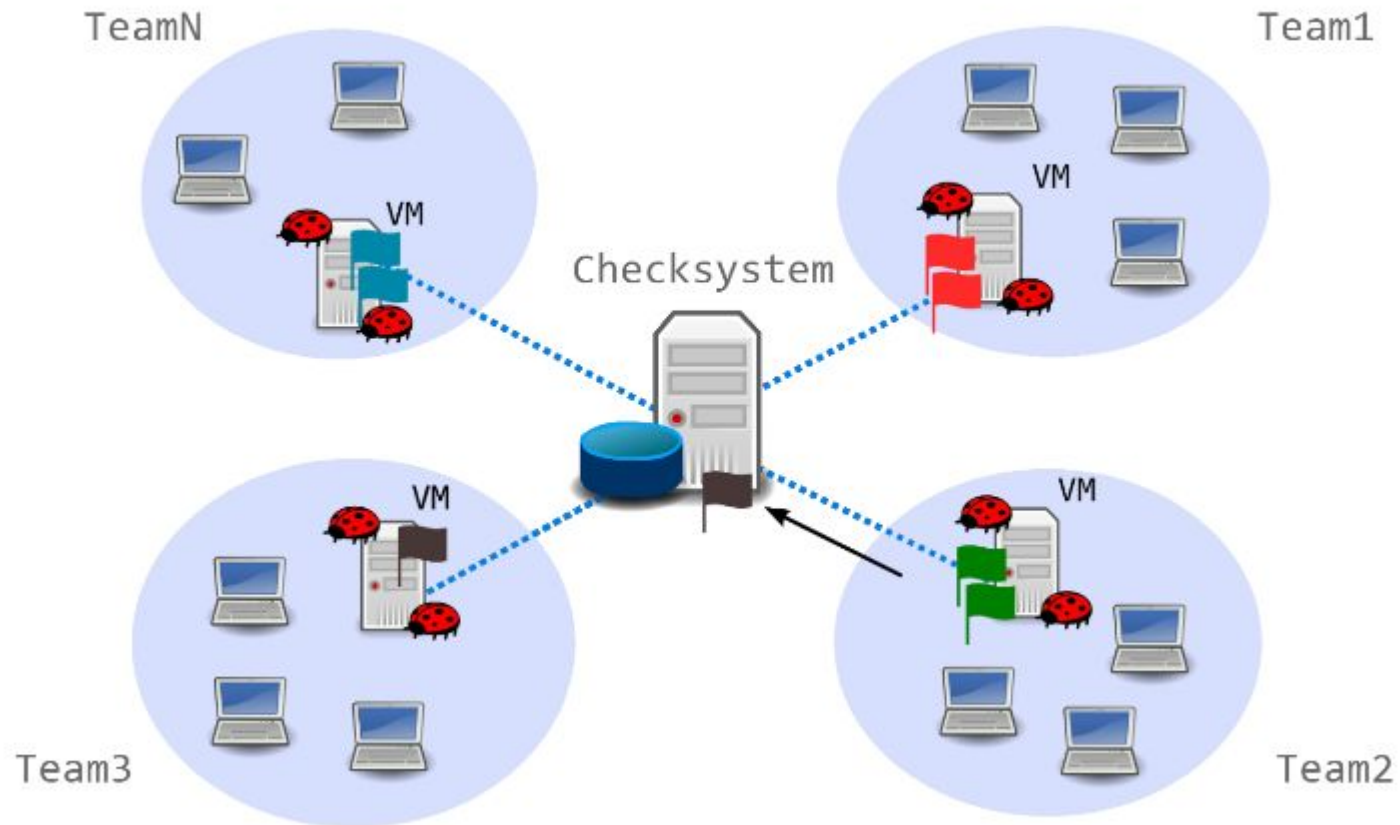
HOW IT WORKS



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Tips For CTFs

- Learn Linux sys administration
- Learn networking
- Use python (pwntools are great)
- Code you own weapons
- Change keys and passwords
(sys user, database, ...)
- Assign role based on skills
- Get information out of your
incoming network traffic
- Learn by your failures and stay
positive!

Famous Italian Teams

- c00kies@venice (Venezia)
- Tower Of Hanoi (Milano)
- TheRomanXpl0it (Prima edizione cyberchallengeIT - Roma)
- Spritzers (Padova)
- JBZ