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# Vuln Hunt Competition: Official Rule Book

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## 1. Introduction

Welcome to the Capture the Flag (CTF) Event! This challenge is designed to test participants' skills in various areas of cybersecurity, including cryptography, reverse engineering, web security, digital forensics, OSINT, and more. Participants will navigate through a range of technical challenges to locate and capture "flags" by solving problems that simulate real-world security issues. Using advanced tools and techniques, participants will showcase their ability to identify and exploit vulnerabilities, strengthening both their individual skills and understanding of practical cybersecurity applications.

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## 2. Event Details

- **Event Dates:** October 12-13, 2024
  - **Location:** Expo Center, Karachi
  - **Competition Duration:** 3 hours
  - **Schedule:**
    - **Briefing:** 15 minutes (rules and objectives)
    - **Vulnerability Hunt:** 3 hours for solving challenges
    - **Writeup Submission:** 20 minutes to submit brief writeups of every challenge solved.
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## 3. Objectives

Participants will work to:

- **Solve Challenges:** Solving challenges in each category in due time.
  - **Submit the Flag:** To prove the solution participant must find the hidden flag and submit it.
  - **Writeup Submission:** Submit a brief writeup summarizing the tools and techniques used to find the flag.
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## 4. Eligibility

- **Participants:** Open to teams of exactly 3 members.
- **Affiliations:** No restrictions on academic or professional backgrounds.



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## 5. Competition Format

- **Phase 1: Challenge Solving (3 hours):**
  - Tasks:
    - Exploit vulnerabilities and find the flag.
    - Record findings and document the process for writeup submission.
  - Tools: Participants may use any tools approved by the organizers, e.g. Wireshark, Burp Suite, OWASP ZAP, ghidra, etc.
- **Phase 2: Writeups (Final Submission) (20 minutes):**
  - Tasks:
    - Submit a brief report of the solution of each challenge.
    - Include technical details and clearly demonstrate the steps taken in the process.

**Only top 10 teams will be required to submit the writeups.**

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## 6. Scoring Criteria

### 1. Problem Solving and Flag Submission:

- Points awarded for correct flag submission.
- High-severity challenges receive more points.

### 2. Report Quality:

- Points awarded based on the clarity of the final writeup, the writeup may not be in full details but it must not also be vague. Participants should clearly state the tools used and the important steps taken to find the hidden flag.

**Vague/incomplete writeups will not be considered and hence will be eliminated.**

### 3. Bonus Points:

- Awarded for speed in flag submission.
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## 7. Code of Conduct

- **Fair Play**

- Participants must demonstrate honesty and integrity throughout the competition. Any form of cheating or unethical behavior will result in disqualification.

- **Respect**
    - All participants must maintain respect for each other, the organizers, and the competition environment.
  - **Collaboration**
    - Teams of exactly 3 members are allowed. All members must contribute actively to the competition tasks. You may not cooperate/ collaborate with anyone other than your team.
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## 8. Game Rules

- Please do not attack the competition infrastructure or other players. The challenges are your targets. That's it.
  - You do not need to use automated scanners like sqlmap, DirBuster, nmap, Metasploit, nikto or others. Please do not use them against the challenges.
  - Please do not brute-force flags.
  - Please do not share flags with other players, or explicitly and deliberately cheat.
  - Please do not blatantly ask for hints. The proper way to ask for help is to explain what you have tried and showcase what errors or output you may have.
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## 9. Disqualification and Penalties

- The following actions will result in penalties or disqualification of the entire team
  - Attacking competition infrastructure or other players.
  - Use of automated scanners against the challenges.
  - Brute-forcing flags.
  - Flag sharing with other players or cheating of any other kind.



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## 10. Prizes and Recognition

### b. Awards:

- Prizes will be awarded to the top-performing teams based on their final scores.

Details on prizes will be announced separately.

### c. Recognition:

- Winning teams will receive certificates, trophies, and may be featured on the event website.

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## 11. Important Dates

- **Competition Dates:** October 12-13, 2024

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## 12. Contact Information

For any questions or additional information, please contact us at:

- **Email:** [contact@teknofestpakistan.com](mailto:contact@teknofestpakistan.com)
- **Website:** [www.teknofestpakistan.com](http://www.teknofestpakistan.com)
- **Phone:** +92 315 8508658 | +92 336 8285328

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Good luck to all participants! We look forward to seeing your expertise in identifying and solving the challenges.