BIKRAM DHIMAL

CTF PLAYER
CYBER SECURITY RESEACHER
LINUX USER

CONTACT

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📍 Kathmandu Nepal

SKILLS

Penetration Testing

Vulnerability Assessment

Incident Response

Forensics Analysis

Encryption and Cryptography

Team Collaboration and Leadership

Critical Thinking and Problem-Solving

Continuous Learning and Adaptability

Ethics and Integrity

LANGUAGES

Nepali

english

PROFILE

Dynamic and self-motivated Cyber Security Researcher passionate about continuous learning and applying cybersecurity concepts. Experienced in HackTheBox and CTFTime competitions, with a proven track record of problem-solving and critical thinking. Leading the successful CTFtime.org team "NCA@Nepal" recognized in the CTF community. Seeking opportunities to contribute expertise and grow in cybersecurity research and defense.

HackTheBox   2022-2024
Rank   Hacker
Profile : https://app.hackthebox.com/users/1275820

Experience

- Compromised over 30 active machines ranging from easy to hard difficulty.
- Tackled various challenges to enhance problem-solving skills.
- Gained proficiency in essential information-gathering tools such as Nmap, Seclist, FFUF, Gobuster, Dnsenum, and more.
- Developed techniques for gaining an initial foothold on host machines.
- Acquired basic system management skills using tools like ps, top, kill, nice, cpulimit, systemd, and systemctl.
- Learned about reverse shells and the use of the nc command.
- Gained a foundational understanding of TCP/IP and OSI layers.
- Currently preparing for the HTB CPTS exam.

CTFTime   2024-Now
Team   NCA@Nepal
Profile: https://ctftime.org/team/301505

Experience

- Successfully completed numerous challenges across various CTF events.
- Acquired skills in using Docker, including creating, maintaining, and managing images and containers.
- Developed teamwork and stress management abilities through collaborative challenge-solving.
- Gained insights into red teaming and tackled diverse cybersecurity challenges.
- Learned the fundamentals of source code analysis in multiple programming languages, including C++, C, Python, Node.js, Java, and more.
- Explored and understood key concepts in SIEM, forensics, cryptography, and web challenges.
- Leading the CTFtime.org team "NCA@Nepal," which is performing well and gaining recognition in the CTF community.

GENERAL SKILLS

- Proficient in troubleshooting computer hardware and software issues, with expertise in installing operating systems such as Windows, Linux, Android, Linux Server, and Windows Server.
- Experienced in troubleshooting system and network problems, employing effective diagnostic tools and methodologies.
- Skilled in red teaming and penetration testing, identifying vulnerabilities and enhancing cybersecurity postures.
- Knowledgeable in networking concepts and devices, including hubs, switches, routers, and their configurations, with a strong understanding of OSI model layers and protocols.
- Familiar with Linux file systems, command-line interfaces, and open-source technologies, leveraging them for efficient system administration.
- Highly motivated with a proven ability to perform under pressure and adapt to dynamic environments.

INTEREST

- **Cybersecurity:** Specializing in penetration testing, incident response, and network security protocols.
- **Programming and AI:** Applying advanced algorithms and models to enhance cybersecurity measures and develop AI-driven solutions.
- **IoT and Cloud Computing:** Ensuring robust security measures for interconnected devices and cloud infrastructures.
- **Machine Learning:** Leveraging ML applications for cybersecurity analytics and threat detection.
- **System Architecture in Software Engineering:** Designing scalable and secure software solutions.
- **OWASP:** Implementing web application security best practices according to OWASP guidelines.
- **Common Weakness Enumeration (CWE) and Common Vulnerabilities and Exposures (CVE):** Managing vulnerabilities effectively in software systems.
- **OSCP Certification:** Pursuing advanced skills in penetration testing through OSCP certification.
- **PCI DSS:** Understanding and implementing standards for secure payment card data handling and compliance.

PROFILE SUMMARY

I am a cybersecurity enthusiast with a comprehensive expertise in penetration testing methodologies. My proficiency spans renowned platforms such as PicoCTF, OverTheWire, Hack The Box, and CTFTime, where I continuously enhance my skills through rigorous challenges and real-world simulations.

WHY HIRE ME

- **Advanced Expertise:** Armed with a robust cybersecurity foundation, I excel in executing meticulous penetration tests to uncover vulnerabilities and fortify organizational security postures with precision.
- **Commitment to Mastery:** Dedicated to relentless growth in cybersecurity, I actively engage in competitive CTF competitions on esteemed platforms like CTFtime.org. My pursuit of mastery is evident through consistent advancement on platforms such as PicoCTF and Hack The Box, where I continually tackle complex scenarios and cutting-edge techniques.
- **Strategic Problem-Solving:** Thriving in dynamic and adversarial environments, I leverage advanced problem-solving skills to swiftly and decisively mitigate cybersecurity threats. My strategic approach ensures proactive defense measures and resilience against evolving risks.
- **Leadership in Collaboration:** Adept at leading cross-functional teams to achieve strategic cybersecurity objectives, including proficient management of influential Discord communities. My collaborative leadership style fosters cohesion, innovation, and collective success in high-stakes environments.
- **Unwavering Excellence:** Driven by an unwavering commitment to excellence, I push boundaries to deliver superior cybersecurity outcomes under any circumstance. My proactive mindset and proactive defense strategies position me as a catalyst for organizational security readiness.