

EXERCISE 12

Demonstrate Cyber Evasion Techniques

Aim: To learn various cyber evasion techniques and apply them to test the effectiveness of two Intrusion Detection Systems (IDS).

Intrusion Detection

Learn cyber evasion techniques and put them to the test against two IDS

Medium 60 min

Share your achievement Start AttackBox Help Save Room 265 Options

Room completed (100%)

- Task 1 Introduction
- Task 2 Intrusion Detection Basics
- Task 3 Network-based IDS (NIDS)
- Task 4 Reconnaissance and Evasion Basics
- Task 5 Further Reconnaissance Evasion
- Task 6 Open-source Intelligence
- Task 7 Rulesets
- Task 8 Host Based IDS (HIDS)
- Task 9 Privilege Escalation Recon
- Task 10 Performing Privilege Escalation
- Task 11 Establishing Persistence
- Task 12 Conclusion

Nikto, should find an interesting path when the first scan is performed, what is it called?

/login ✓ Correct Answer

What value is used to toggle denial of service vectors when using scan tuning (-T) in nikto?

6 ✓ Correct Answer ? Hint

Which flags are used to modify the request spacing in nikto? Use commas to separate the flags in your answer.

6,A,B ✓ Correct Answer ? Hint

What is the password of the grafana-admin account?

GraphingTheWorld32 ✓ Correct Answer ? Hint

Perform the privilege escalation and grab the flag in /root/

[SNEAK_ATTACK_CRITICAL] ✓ Correct Answer

What version of Grafana is the server running?

8.2.5 ✓ Correct Answer ? Hint

What is the ID of the severe CVE that affects this version of Grafana?

CVE-2021-43798 ✓ Correct Answer ? Hint

If this server was publicly available, What site might have information on its services already?

shodan ✓ Correct Answer

How would we search the site "example.com" for pdf files, using advanced Google search tags?

site:example.com filetype:pdf ✓ Correct Answer

What tool does linPEAS detect as having a potential escalation vector?

docker ✓ Correct Answer ? Hint

Is an alert triggered by Wazuh when linPEAS is added to the system, if so what its severity?

5 ✓ Correct Answer ? Hint

Result: Successfully executed multiple evasion techniques and evaluated their impact, identifying the strengths and weaknesses of both IDS setups against stealthy attack patterns.