

## Ethical hacking of a CTF-VM

Laboratory protocol Exercise 7: Ethical hacking of a CTF-VM



Figure 1: Grouplogo

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Exercise dates: Submission date:



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### 1 Task definition

2 Summary



# 3 Complete network topology of the exercise



#### 4 Exercise Execution

- 4.1 Setting up the Virtual mascheines
- 4.2 scanning the network
- 4.3 exploring the websites
- 4.4 breaking the http authtication
- 4.5 sshing into the server
- 4.6 exploring the system
- 4.7 process flag
- 4.8 comment flag
- 4.9 sudo flag
- 4.10 history flag
- 4.11 tmp flag
- 4.12 it's over but actually not
- 4.13 trying to escalate privaledgs
- 4.13.1 smart enumeration
- 4.13.2 trying a kernel level exploit
- 4.13.3 checking suid binarys
- 4.13.4 checking root process
- 4.13.5 trying metasploit
- 4.13.6 trying other common ctf priv escalation ways
- 4.14 reseting the root password and exploring the vm
- 4.15 7 flags
- 4.16 talking abt the setup etc or sum idk :shruge:



### 5 References

### References



6	${f List}$	of	figures
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