

CPTC Homework #5

Resources

1. Kali Linux download
 - a. <https://www.kali.org/docs/introduction/download-official-kali-linux-images/>
2. You can attempt to stylize your report based off of prior CPTC ones
 - a. https://github.com/globalcptc/report_examples/tree/master/2020

Questions

1. What is the purpose of environment variables in Linux? What are some attack vectors for environment variables?
2. Name and link 2-3 tools that you would use to check for privilege escalation paths.
3. What is the purpose of persistence? Would persistence be in scope for a penetration test?
4. On a penetration test you come across an unknown application that is running on a Linux host, describe in detail your process for checking for vulnerabilities in the application.

Labs

1. TryHackMe EasyCTF room
 - a. <https://tryhackme.com/room/easyctf>
2. TryHackMe Kenobi room
 - a. <https://tryhackme.com/room/kenobi>
3. TryHackMe Rootme room
 - a. <https://tryhackme.com/room/rootme>

Deliverables

1. A PDF with all of the following:
 - a. answers to all of the questions on the first page
 - b. write-ups on the three TryHackMe rooms
 - c. screenshots of the completed TryHackMe rooms
2. Make sure all sections are readable and labeled.
3. Name the file with the following format: FirstLast_CPTCHomework5.pdf

If you are trying out for the team, make sure you submit your PDF in Canvas.

Otherwise, please use this form if you want to be graded:

<https://forms.gle/C7a3AVeGJgpfvK47>.