EX.NO: 5 B **Buffer Overflow Prep** **ROLL NO :**

231901035 DATE : 19.03.2025

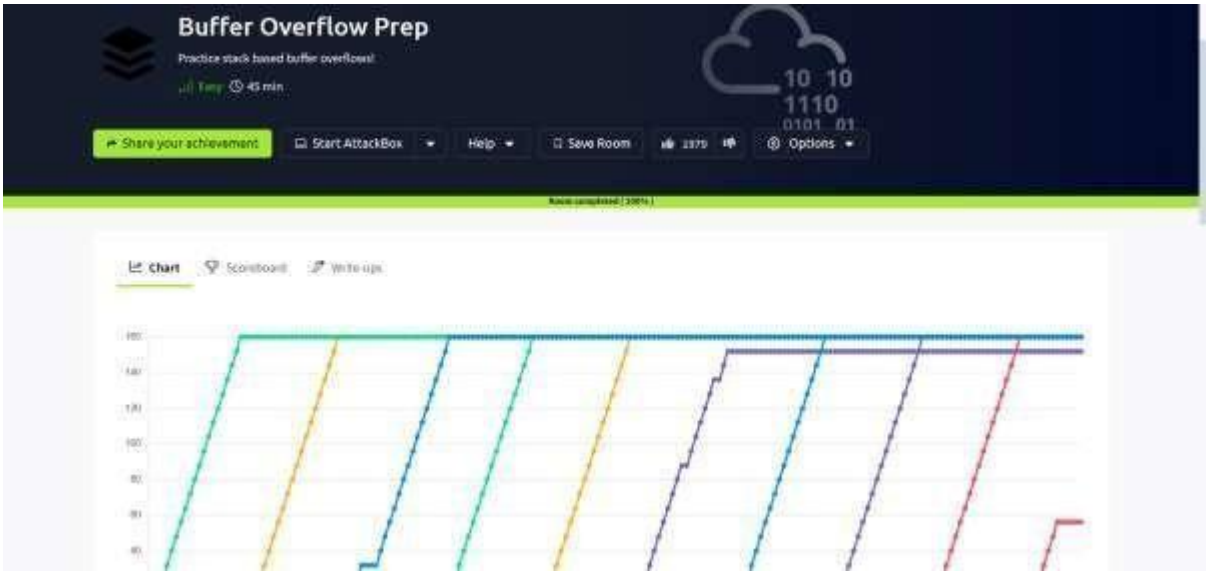
NAME: NITHEESH K K

Aim:

To practice stack-based buffer overflows.

Procedure:

- Deploy the virtual machine.
- Open the `oscp.exe` file for each overflow challenge.
- Complete the following tasks one by one:
  - **Task 2**: OVERFLOW1
  - **Task 3**: OVERFLOW2
  - **Task 4**: OVERFLOW3
  - **Task 5**: OVERFLOW4
  - **Task 6**: OVERFLOW5
  - **Task 7**: OVERFLOW6
  - **Task 8**: OVERFLOW7
  - **Task 9**: OVERFLOW8
  - **Task 10**: OVERFLOW9
  - **Task 11**: OVERFLOW10
- For each task, find the buffer size, control EIP, and run the exploit.


Buffer Overflow Prep
Practice stack based buffer overflows!
45 min
Share your achievement
Start AttackBox
Help
Save Room
Options
chart
Scoreboard
Write-ups

TASK 2 oscp.exe - OVERFLOW1

What is the EIP offset for OVERFLOW1?

1978 ✓ Correct Answer

In byte order (e.g. \x00\x01\x02) and including the null byte \x00, what were the badchars for OVERFLOW1?

\x00\x07\x2e\xa0 ✓ Correct Answer Hint

TASK 3 : oscp.exe - OVERFLOW2

What is the EIP offset for OVERFLOW2?

634 ✓ Correct Answer

In byte order (e.g. \x00\x01\x02) and including the null byte \x00, what were the badchars for OVERFLOW2?

\x00\x23\x3c\x83\xba ✓ Correct Answer

TASK 4 oscp.exe – OVERFLOW3

What is the EIP offset for OVERFLOW3?

1274 ✓ Correct Answer

In byte order (e.g. \x00\x01\x02) and including the null byte \x00, what were the badchars for OVERFLOW3?

\x00\x11\x40\x5F\xb8\xee ✓ Correct Answer

TASK 5 : oscp.exe - OVERFLOW4

What is the EIP offset for OVERFLOW4?

2026 ✓ Correct Answer

In byte order (e.g. \x00\x01\x02) and including the null byte \x00, what were the badchars for OVERFLOW4?

\x00\xa9\xcd\xd4 ✓ Correct Answer

TASK 6 : oscp.exe - OVERFLOW5

What is the EIP offset for OVERFLOW5?

314 ✓ Correct Answer

In byte order (e.g. \x00\x01\x02) and including the null byte \x00, what were the badchars for OVERFLOW5?

\x00\x16\x2f\xf4\xfd ✓ Correct Answer

TASK 7 : oscp.exe - OVERFLOW6

What is the EIP offset for OVERFLOW6?

1034 ✓ Correct Answer

In byte order (e.g. \x00\x01\x02) and including the null byte \x00, what were the badchars for OVERFLOW6?

\x00\x08\x2c\xad ✓ Correct Answer

TASK 8 : oscp.exe - OVERFLOW7

What is the EIP offset for OVERFLOW7?

1306 ✓ Correct Answer

In byte order (e.g. \x00\x01\x02) and including the null byte \x00, what were the badchars for OVERFLOW7?

\x00\x8c\xae\xbe\xfb ✓ Correct Answer

TASK 9 : oscp.exe - OVERFLOW8

What is the EIP offset for OVERFLOW8?

1786 ✓ Correct Answer

In byte order (e.g. \x00\x01\x02) and including the null byte \x00, what were the badchars for OVERFLOW8?

\x00\x1d\x2e\xc7\xee ✓ Correct Answer

TASK 10 : oscp.exe - OVERFLOW9

What is the EIP offset for OVERFLOW9?

1514 ✓ Correct Answer

In byte order (e.g. \x00\x01\x02) and including the null byte \x00, what were the badchars for OVERFLOW9?

\x00\x04\x3e\x3f\xe1 ✓ Correct Answer

TASK 11 : oscp.exe - OVERFLOW10

What is the EIP offset for OVERFLOW10?

537 ✓ Correct Answer

In byte order (e.g. \x00\x01\x02) and including the null byte \x00, what were the badchars for OVERFLOW10?

\x00\xa0\xad\xbe\xde\xef ✓ Correct Answer

Result:

Tryhackme platform Stack based buffer overflow attacks task is successfully completed.