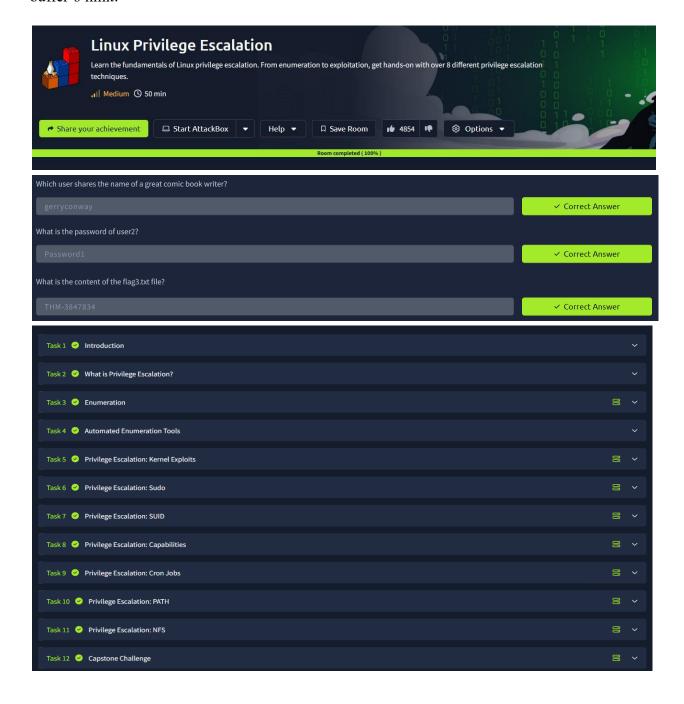
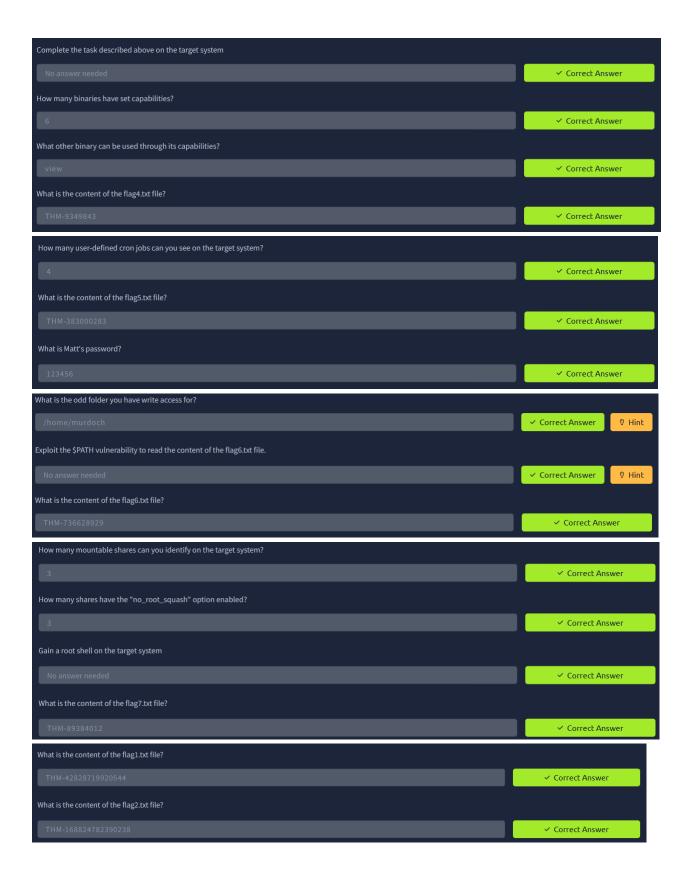
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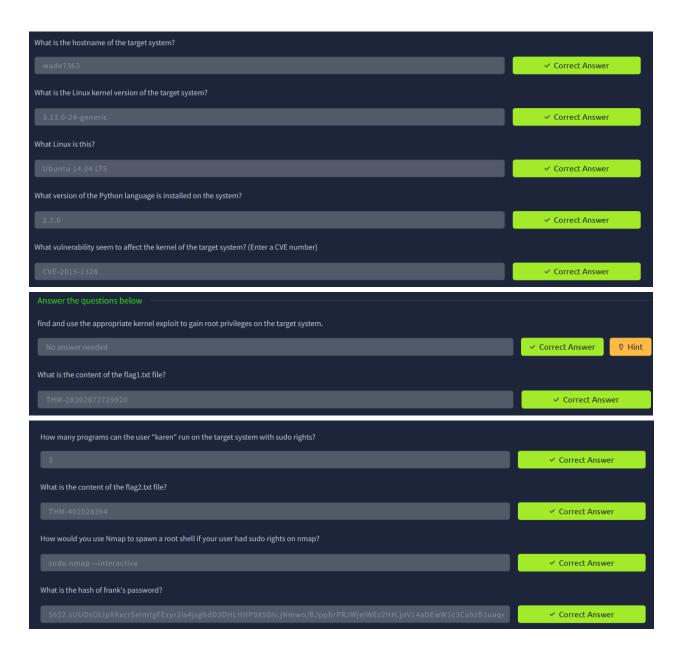
## **EXERCISE 6**

## **Demonstrate Linux Privilege Escalation**

**Aim:** To understand and exploit stack-based buffer overflows by overwriting memory beyond a buffer's limit.







**Result:** Successfully exploited the buffer overflow to overwrite the return address and redirect program execution.