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Ubuntu 64-bit - VMware Workstation
File Edit View VM Tabs Help
Ubuntu 64-bit
Activities Terminal Mar 23 12:05
saad@saad-virtual-machine: ~/Desktop/TP/lab1_handout
saad@saad-virtual-machine: ~/Desktop/TP/lab1_handout/start/free_the/university_center$ pwd
/home/saad/Desktop/TP/lab1_handout/start/free_the/university_center
saad@saad-virtual-machine: ~/Desktop/TP/lab1_handout/start/free_the/university_center$ ^C
saad@saad-virtual-machine: ~/Desktop/TP/lab1_handout/start/free_the/university_center$ cd ..
saad@saad-virtual-machine: ~/Desktop/TP/lab1_handout/start/free_the$ cd ../../
bash: cd ../../: No such file or directory
saad@saad-virtual-machine: ~/Desktop/TP/lab1_handout/start/free_the$ cd ..
saad@saad-virtual-machine: ~/Desktop/TP/lab1_handout/start$ cd ..
saad@saad-virtual-machine: ~/Desktop/TP/lab1_handout$ ./bomb
Welcome to my evil plan directories. You have 7 phases to solve!
.....
Your first task is to free the UC stones. We've noticed that the
/university_center/stones.txt file is captured (It seems like it's stuck in the captured directory).
Maybe you could read the directory
names to help you free_the/university_center/stones.txt? It might
be beneficial to first look at stones.txt ;)
Please enter your answer:
/home/saad/Desktop/TP/lab1_handout/start/free_the/university_center
.....
Good job on freeing the stones, however there's still much work that
needs to be done! Your next step is to prevent any stones from EVER ending
up in ~/capture_the/ directory. Make sure to tell Mr. evil the
command you will use!
```

```
Ubuntu 64-bit - VMware Workstation
File Edit View VM Tabs Help
Ubuntu 64-bit
Activities Terminal Mar 23 12:09
saad@saad-virtual-machine: ~/Desktop/TP/lab1_handout
saad@saad-virtual-machine: ~/Desktop/TP/lab1_handout
.....
Good job on freeing the stones, however there's still much work that
needs to be done! Your next step is to prevent any stones from EVER ending
up in ~/capture_the/ directory. Make sure to tell Mr. evil the
command you will use!
Please enter your answer:
.....
We need to remove the capture_the directory. How could we do that?
Please enter your answer:
rmdir capture_the
Congrats! You passed phase 2! Don't forget to execute the command!
.....
The best solution to defusing Mr. Evil's plans to
capture the UC Stones is to understand what his evil plan is.
Mr. Evil tried to make it difficult to find his evil plans by
littering many of them in the evil_plans directory. We need to
find the plan that contains the phrase "secret message:".
Think about which command would be helpful to find a phrase in a file.
What is the secret message?
Please enter your answer:
```

Ubuntu 64-bit - VMware Workstation

File Edit View VM Tabs Help

Home Ubuntu 64-bit

Activities Terminal Mar 23 13:02

saad@saad-virtual-machine: ~/Desktop/TP/lab1\_handout

saad@saad-virtual-machine: ~/Desktop/TP/lab1... x saad@saad-virtual-machine: ~/Desktop/TP/lab1... x saad@saad-virtual-machine: ~/Desktop/TP/lab1...

Please enter your answer:  
sudo grep -r "secret message" evil\_plans  
Try thinking of a command we use to find patterns in files.  
We might want to consider doing this recursively.  
Please enter your answer:  
sudo grep -r "secret message" /evil\_plans  
Try thinking of a command we use to find patterns in files.  
We might want to consider doing this recursively.  
Please enter your answer:  
sudo grep -r "secret message" /evil\_plans  
Try thinking of a command we use to find patterns in files.  
We might want to consider doing this recursively.  
Please enter your answer:  
pineapple  
-----  
We're trying to discover what the rest of his plans say, but if we try to open an editor with the file, Mr. Evil will receive a notification. The best practice is to sneakily view it in the command line. What command will you use to view evil24.txt?  
-----  
Please enter your answer:  
gedit evil24.txt  
This animal likes drinking milk and chasing mice. Make sure to use all LOWER CASE letters!  
Please enter your answer:

To direct input to this VM, move the mouse pointer inside or press Ctrl+G.

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Ubuntu 64-bit - VMware Workstation

File Edit View VM Tabs Help

Home Ubuntu 64-bit

Activities Terminal Mar 23 14:50

saad@saad-virtual-machine: ~/Desktop/TP/lab1\_handout

saad@saad-virtual-machine: ~/... x saad@saad-virtual-machine: ~/... x saad@saad-virtual-machine: ~/... x saad@saad-virtual-machine: ~/...

Please enter your answer:  
pineapple  
-----  
We're trying to discover what the rest of his plans say, but if we try to open an editor with the file, Mr. Evil will receive a notification. The best practice is to sneakily view it in the command line. What command will you use to view evil24.txt?  
-----  
Please enter your answer:  
gedit evil24.txt  
This animal likes drinking milk and chasing mice. Make sure to use all LOWER CASE letters!  
Please enter your answer:  
cat  
-----  
Don't forget to execute the command!  
-----  
If we examine the evil text file with the secret message closely, there might be some important information for how to understand Mr. Evil's next steps. What is the last instruction that the evil24.txt file tells you to do? Now execute it! Try doing this with pipes!  
-----  
Please enter your answer:  
sort -u -n evil24.txt > sad.txt  
How can you create the release.txt file? Please make sure to execute the command in the we\_tried\_to directory! Please enter your answer:

To return to your computer, move the mouse pointer outside or press Ctrl+Alt.

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Ubuntu 64-bit - VMware Workstation

File Edit View VM Tabs Help

Home Ubuntu 64-bit

Activities Terminal Mar 23 14:49

saad@saad-virtual-machine: ~/Desktop/TP/lab1\_handout/start/we\_tried\_to/them/one

```
saad@saad-virtual-machine: ~/... x saad@saad-virtual-machine: ~/... x saad@saad-virtual-machine: ~/... x saad@saad-virtual-machine: ~/... x
saad@saad-virtual-machine: ~/Desktop/TP/lab1_handout/start/we_tried_to/them/one$ gcc
gcc: fatal error: no input files
compilation terminated.
saad@saad-virtual-machine: ~/Desktop/TP/lab1_handout/start/we_tried_to/them/one$ cd
cd
cd -fx-profile cd -lt8
cd -create-profile cd -iccdump
saad@saad-virtual-machine: ~/Desktop/TP/lab1_handout/start/we_tried_to/them/one$ dir
listened.c
saad@saad-virtual-machine: ~/Desktop/TP/lab1_handout/start/we_tried_to/them/one$ gcc listened.c
listened.c: In function 'setup':
listened.c:120:5: warning: implicit declaration of function 'bar' [-Wimplicit-function-declaration]
120 |     bar(x/y);
    |     ^
listened.c: In function 'main':
listened.c:136:5: warning: implicit declaration of function 'foo'; did you mean 'foo_2'? [-Wimplicit-function-declaration]
136 |     foo(2);
    |     ^
/usr/bin/ld: cannot open output file a.out: Permission denied
collect2: error: ld returned 1 exit status
saad@saad-virtual-machine: ~/Desktop/TP/lab1_handout/start/we_tried_to/them/one$
```

To return to your computer, move the mouse pointer outside or press Ctrl+Alt.

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Ubuntu 64-bit - VMware Workstation

File Edit View VM Tabs Help

Home Ubuntu 64-bit

Activities Text Editor Mar 23 16:18

\*listened.c [Read-Only]  
~/Desktop/TP/lab1\_handout/start/we\_tried\_to/them/one

```
evil24.txt x evil24.txt x evil24.txt x *listened.c x no.txt x
if (x % 3 == 0)
    printf("Mr. Evil loves pizza! \n", x + 72);
if (x % 5 == 1)
    printf("Mr. Evil has secret plans! \n", x + 64);
if (x % 3 == 2)
    printf("You will never find the secret message! \n", x + 384);
printf("Ooh a -mystery-! \n", x + 512);
}
else {
    if (x % 3 == 1)
        printf("Mr. Evil loves the minions!\n", x + 213);
    if (x % 5 == 4)
        printf("Mr. Evil can make good jokes!\n", x + 535);
    if (x % 3 == 0)
        printf("What's black and white and read all over? \n", x + 74);
    printf("A newspaper! \n", x + 71);
}
// does stuff if even number
if (x % 2 == 0) {
    if (x % 3 == 0)
        printf("Mr. Evil loves pizza! \n", x + 54);
    if (x % 5 == 1)
        printf("Mr. Evil has secret plans! \n", x + 72);
}
```

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