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Extracting Secrets

How did you use the debugger to bypass the password mechanism?

What variables were modified?

Please include a screen-shot of the debugger in the report.

I modified the conditional jump that checks for the password...

From...

0804:8614	50	push eax
0804:8615	e8 c6 fb ff ff	call 0x80481e0 <fortune_static!gcc2_compile
0804:861a	83 c4 10	add esp, 0x10
0804:861d	89 c0	mov eax, eax
0804:861f	85 c0	test eax, eax
0804:8621	75 1d	jne 0x8048640
0804:8623	83 ec 0c	sub esp, 0xc
0804:8626	68 65 55 09 08	push 0x8095565
0804:862b	e8 00 35 00 00	call 0x804bb30 <fortune_static!printf>
0804:8630	83 c4 10	add esp, 0x10
0804:8633	83 ec 0c	sub esp, 0xc

to...

0804:8614	50	push eax
0804:8615	e8 c6 fb ff ff	call 0x80481e0
0804:861a	83 c4 10	add esp, 0x10
0804:861d	89 c0	mov eax, eax
0804:861f	85 c0	test eax, eax
0804:8621	eb 1d	jmp 0x8048640
0804:8623	83 ec 0c	sub esp, 0xc
0804:8626	68 65 55 09 08	push 0x8095565
0804:862b	e8 00 35 00 00	call 0x804bb30
0804:8630	83 c4 10	add esp, 0x10

How did you edit the program to bypass the cdkey mechanism?

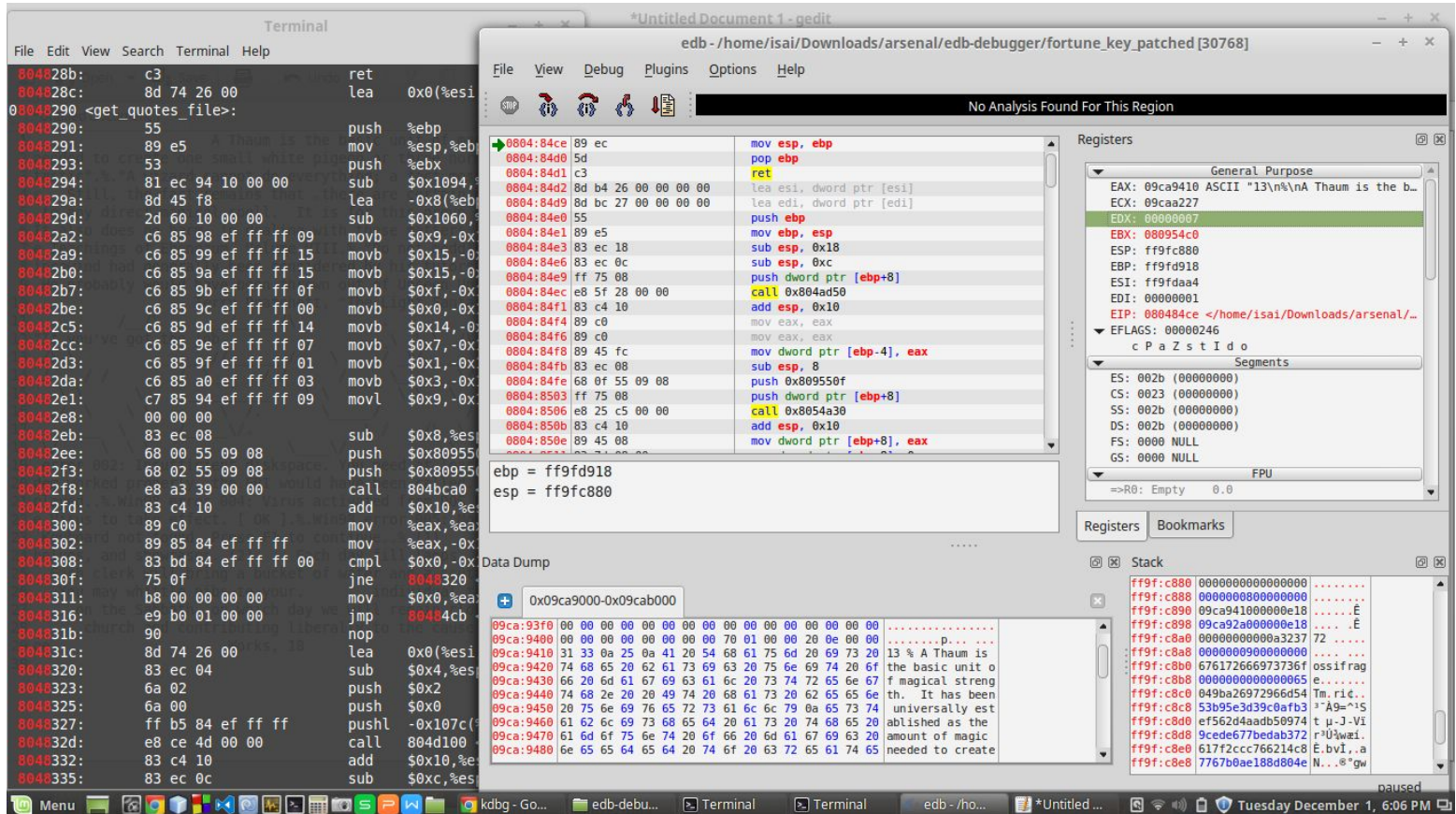
I just let the program run, so that would open the file and hold it in memory

How did you obtain all the fortunes from the encrypted file?

I just let the program run, so that it would decrypt the strings in memory

Include the following files.

Please include a screenshot of the debugger that shows you were able to access the plain text fortunes in memory (in your report or a separate file).



Please include a plain text file containing the list of all fortunes from the fortunes.enc file.

A Thaum is the basic unit of magical strength. It has been universally established as the amount of magic | needed to create one small white pigeon, or three normal sized billiard balls.. -- Terry Pratchett, "The Light Fantastic". % "A wizard cannot do everything; a fact most magicians are reticent to admit, let alone discuss with prospective clients. s. Still, the fact remains that there are certain objects, and people, that are, for one reason or another, completely immune | to any direct magical spell. It is for this group of beings that the magician learns the subtleties of using indirect spells.. | It also does no harm, in dealing with these matters, to carry a large club near your person at all times." -- The Teachings of Ebenezer, Volume VIII. % "Do not meddle in the affairs of wizards, for you are crunchy and good with ketchup." % R |incewind had generally been considered by his tutors to be a natural wizard, in the same way that fish are natural mountaineers. | He probably would have been thrown out of Unseen University anyway--he couldn't remember spells and smoking made him feel ill.. |

-- Terry Pratchett, "The Light Fantastic".%

Frobtech, Inc..

"If you've got the job, we've got the frob."

condition: booted without crashing..%.Win98|
 error 002: Insufficient disk space. You need at least 300 GB free memory..%.Win98 error 003: Illegal
 ASM instruction. If your mo|
 dem worked properly, the.FBI would have been called..%.Win NT error 001: Error recording error
 codes. All further errors not.dis|
 played..%.Win98 error 004: Virus activated from DOS Prompt - but the virus requires.Windows. Your
 system will be rebooted for th|
 e Virus to take effect. [OK].%.Win98 error 005: Mouse not found. Click left mouse button on ok to
 continue..%.Win98 error 006:|

Keyboard not found. Press F1 to continue..%(1) Office employees will daily sweep the floors,
dust the. furniture, s|

helves, and showcases..(2)	Each day fill lamps, clean chimneys, and trim wicks..	Wash
the windows once a week..(3)		

Each clerk will bring a bucket of water and a scuttle of. coal for the day's business..(4)

. You may whittle nibs to your. individual taste..(5) This office will open at 7 a.m. and
close at 8 p.m. except. |
on the Sabbath, on which day we will remain closed. Each. employee is expected to
spend the Sabbath by attending. |
church and contributing liberally to the cause of the Lord.. -- "Office
Worker's Guide", New England Carria|
ge. Works, 18