



Capture The Flag

CTF Team:

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CTF - Environment

- Linux Ubuntu Server
- Build essentials
- Interpreters, compilers, debuggers
- Most common text editors
- ASLR disabled
- GCC stack protections disabled
- One user per participant

CTF - Challenges

- 11 challenges
- 3 difficulty levels
- 2 Categories
 - Crackme (5 challenges)
 - VulnDev (6 challenges)
- “Just hack” mode
- Real time score
- Individual or Team

CTF - Interface



uCon Security Conference - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://189.81.129.97/

uCon Security Conference

Loading...

 **CAPTURE THE FLAG - uCon Security Conference**
February 2009 Recife Brazil 

Score Table	Rank	Name	Score
System Log	#1	mabj	7 point(s)
About	#2	jcf	1 point(s)
	#3	raso	0 point(s)
	#4	gpb	0 point(s)

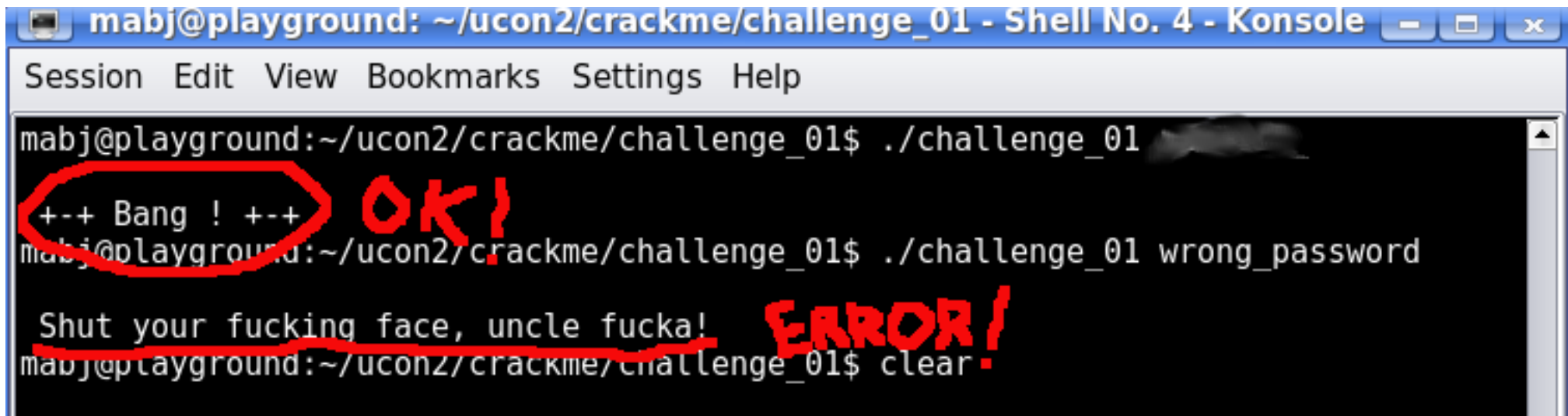
CTF - Old School Interface:]

```
mabj@envy: ~ - Shell No. 4 - Konsole
Session Edit View Bookmarks Settings Help

#####
WON
#####
Security Conference      Capture The Flag      Recife Brazil 2009
#####
RANK      USER      SCORE
-----
#1      mabj      7 point(s)
#2      jcf      0 point(s)
#3      raso      0 point(s)
#4      gpb      0 point(s)
#####
```

CTF - Main Objectives

- Discover the software key
- Find and exploit the software vulnerability
- And print the “bang” string



```
mabj@playground: ~/ucon2/crackme/challenge_01 - Shell No. 4 - Konsole
Session Edit View Bookmarks Settings Help

mabj@playground:~/ucon2/crackme/challenge_01$ ./challenge_01
++ Bang ! ++
mabj@playground:~/ucon2/crackme/challenge_01$ ./challenge_01 wrong_password
Shut your fucking face, uncle fucka!
mabj@playground:~/ucon2/crackme/challenge_01$ clear
```

CTF - Awards

- A Legendary Shellcode Hand Book
- A cool uCon t-shirt
- A free pass to the next uCon
- Fame and Glory !

CTF - Registration

- Just two things:
 - Name
 - Mail address

Any questions ?