

张海墨 2100012907 ICS

7.8 ~~A 错误~~ main1
A 均 ~~未知~~ main2

B 均未知
C 均错误

7.12

(1) $ADDR(S) = 0X4004e0$

$ADDR(r.symbol) = 0X4004f8$

$refaddr = ADDR(S), r.offset$

$= 0X4004ea$

$*refptr = (\text{unsigned}) (ADDR(r.symbol) + r.offset - refaddr)$

$= 0X0$

(2) $refaddr = 0X4004d0 + 0X0$

$= 0X4004da$

$*refptr = (\text{unsigned}) (0X400500 + (-4) - 0X4004da)$

$= 0X22 (\text{unsigned}) 0X22$

1. ✓

2. ✓

3. X

4. ✗✓

5. X

6. ✓

7. ✓

8. X

9. ✓

10. ✓

11. ✓

12. ✓



A	符号表中名字	局部符号	强	Section
buf	buf	否	否	UNDEF
bufp	bufp	否	是	.data
bufp	bufp	否	是	COMMON
temp	否			
data	data, 1197	是		.bss

B	Num	Value	Size	Type	Bind	Ndx	Name
	35	00000000000001024	4	OBJECT	LOCAL	24	counting
	54	00000000000014010	8	OBJECT	GLOBAL	23	bufp
	59	000000000000115a	78	FUNC	GLOBAL	14	foo
	62	0000000000004018	8	OBJECT	GLOBAL	23	buf
	64	00000000000011a8	54	FUNC	GLOBAL	14	main
	68	0000000000004028	8	OBJECT	GLOBAL	24	bufp
	51	0000000000000000	0	FUNC	GLOBAL	UND	printf @ GLIBC 2.2.5

C a) /lib64 /ld- linux- X86_64. 50.2

b) 0 2

D

1b8 : 8b 15 2e 5e 00 00 mov 0x2e5e(%rip), %edx

0x2021

E

a) 11 d 2 : e8 59 feffff callq <printf@plt>
b) .plt[1] GOT[3] c) 0x55555555036

