| | | 7 | | 1. | ' () | | | | | | | | | | | | | |
|-------|--|-----------------|----------------------------------|--------|-------------------|-------------|-----------------|---------------------|-----------------|----------|--------------------|--------------------------------|---------|---------------------|---------|--------|---------------|----------|
| | | Disag | sembly of | 100 | אין | | | | | | | | | | | | | |
| - | _check_secret: | | 7 | | <u> </u> | | | | | | | | | | | | | |
| | 0000000100000d40 0000000100000d44 | subq movq | \$0x38, %rsp %rdi, 0x28(%rs | sn) | | | | | | | | | | | | | | |
| | 0000000100000d49 | movl | %esi, 0x24(%rs | sp) | | | | | | | | | | | | | | |
| | 0000000100000d4d 0000000100000d52 | cmpl | \$-0x1, 0x24(%r 00000d73 | rsp) | | | | | | | | | | | | | | |
| | 0000000100000d52 | leag | 0x1ab(%rip), % | ⊌rdi | | ## 1 | litera | al pool | for: | "proble | em readi | ng pass | word.tx | :\n" | | | | |
| | 0000000100000d5f | movb | \$0x0, %al | | | | | | | | | 5 | | • | | | | |
| | 0000000100000d61 | callq | 0x100000ef2 | | | ## 9 | ymbo | l stub [.] | for: | _printf | | | | | | | | |
| | 0000000100000d66 000000010000d6e | movl imp 0x1 | \$0x0, 0x34(%rs 00000dd5 | sp) | | | | | | | | | | | | | | |
| | 0000000100000d73 | leaq | 0x1ae(%rip), % | | | ## 7 | litera | al pool | for: | "supers | SecretPa | ssword" | | | | | | |
| | 0000000100000d7a | movq | %rax, 0x18(%rs | | | | | | | | | | | | | | | |
| | 0000000100000d7f 0000000100000d84 | movslq movq | 0x24(%rsp), %i %rax, 0x8(%rsp | | | | | | | | | | | | | | | |
| | 0000000100000d89 | movq | 0x18(%rsp), %r | | | | | | | | | | | | | | | |
| | 0000000100000d8e 0000000100000d93 | callq movq | 0x100000f04 0x8(%rsp), %ro | | | ## 9 | ymbo | l stub | for: | _strlen | | | | | | | | |
| | 0000000100000d98 | movq | %rax, %rdx | -X | | | | | | | | | | | | | | |
| | 0000000100000d9b | xorl | %eax, %eax | | | | | | | | | | | | | | | |
| | 0000000100000d9d 0000000100000da0 | cmpq movb | %rdx, %rcx %al, 0x17(%rsp | ,, | | | | | | | | | | | | | | |
| | 0000000100000da4 | | 00000dc8 | , | | | | | | | | | | | | | | |
| | 0000000100000daa | movq | 0x28(%rsp), %r | | | | | | | | | | | | | | | |
| | 0000000100000daf 0000000100000db4 | movq movslq | 0x18(%rsp), %r 0x24(%rsp), %r | rsi | | | | | | | | | | | | | | |
| | 0000000100000db4 | callq | 0x24(%rsp), %r | ux | | ## 9 | ymbo | l stub ' | for: | memcmp | + | + | + | | | | | |
| | 0000000100000dbe | cmpl | \$0x0, %eax | | | | | | | - "F | | | | | | | | |
| | 0000000100000dc1 0000000100000dc4 | sete movb | %al %al, 0x17(%rsp | ,) | | | | | | | | | | | | | | |
| | 0000000100000dc4 0000000100000dc8 | movb | 0x17(%rsp), %a | | | | \vdash | | + | | | | | | | | | |
| | 0000000100000dcc | andb | \$0x1, %al | | | | | | | | | | | | | | | |
| | 0000000100000dce 0000000100000dd1 | movzbl movl | %al, %eax %eax, 0x34(%rs | n) | | | | | | | | | | | | | | |
| | 0000000100000dd1 | movl | 0x34(%rsp), % | | | | | | | | | | + | | | | | |
| | 0000000100000dd9 | addq | \$0x38, %rsp | | | | | | | | | | | | | | | |
| | 0000000100000ddd | retq | | | | | | | | | | | | | | | | |
| | 0000000100000dde _success: | nop | | | | | | | | | | | | | | | | |
| | 0000000100000de0 | subq | \$0x18, %rsp | | | | | | | | | | | | | | | |
| | 0000000100000de4 0000000100000deb | movq | _sh(%rip), %ra %rax, (%rsp) | x | | | | | | | | | | | | | | |
| | 0000000100000deb | movq | \$0x0, 0x8(%rsp | 0) | | | | | | | | | | | | | | |
| | 0000000100000df8 | leaq | 0x13d(%rip), % | | | | | | | | ssful lo | gin!\n" | | | | | | |
| | 0000000100000dff 0000000100000e04 | callq | 0x100000ef8 _sh(%rip), %ro | 1: | | ## 9 | symbo | l stub | for: | _puts | | | | | | | | |
| | 0000000100000e04 | movq | _SII(3 1p), 3 0 | 11 | | | | | | | | | | | | | | |
| | 0000000100000e0e | movq | 0x1f3(%rip), % | krax | | ## 1 | litera | al pool | symbo | ol addre | ess: _en | viron | | | | | | |
| | 0000000100000e15 | movq | (%rax), %rdx 0x100000ee0 | | | ## / | vmb o | l ctub | fore | 0700770 | | | | | | | | |
| | 0000000100000e18 0000000100000e1d | callq addq | \$0x18, %rsp | | | ## 5 | yılıbo | l stub ' | 101: | _execve | | | | | | | | |
| | 0000000100000e21 | retq | | | | | | | | | | | | | | | | |
| | 0000000100000e22 | nopw | %cs:(%rax,%rax | () | | | | | | | | | | | | | | |
| | _failure: 0000000100000e30 | pushq | %rax | | | | | | | | | | | | | | | |
| | 0000000100000e31 | leaq | 0x117(%rip), % | ⊌rdi | | | | | | | passwor | d\n" | | | | | | |
| | 0000000100000e38 | callq | 0x100000ef8 | | | ## 9 | ymbo | l stub | for: | _puts | | | | | | | | |
| | 0000000100000e3d 0000000100000e3e | popq retq | %rax | | | | | | | | | | | | | | | |
| - | 0000000100000e3f | | 000111000 | | | | | | | | | | | | | | | |
| | _login: 0000000100000e40 | subg | \$0x38, %rsp — | . fund | tion Prolon | طي5 س | tract | - 0x2 | 8(5 | لم ما ما | e cimal |) from | the ! | Stock | Pointer | | | |
| | 0000000100000e44 | leag | 0x114(%rip), % | ⊌rdi | 11. | ## 1 | litera | al pool | for: | "passwo | ord.txt" | ,,,,,, | | , | | | | |
| | 0000000100000e4b | xorl | %esi, %esi | | | | | | - | | | | | | | | | |
| | 0000000100000e4d 0000000100000e4f | movb callq | \$0x0, %al | | | ## . | Vmba | l stub ' | for: | onon | | | | | (F | | | 7 |
| | 0000000100000e4T | movl | 0x100000eec %eax, 0xc(%rsp | o) | | ## 5 | yıııDO | c stub . | 101: | _open | | | +++ | | | 10000 | M C 1 : | _\ |
| | 0000000100000e58 | leaq | 0x10d(%rip), % | | | ## 1 | litera | al pool | for: | "enter | your pa | ssword: | \n" | 1 | | 1000C | ive bb | |
| | 0000000100000e5f 0000000100000e61 | movb callq | \$0x0, %al 0x100000ef2 | | | ## . | vmbo | l stub ' | for | nrintf | | | | 1/0 | 17/ | | | |
| | 0000000100000e61 0000000100000e66 | movl | 0xc(%rsp), %ed | li | | ## \$ | ymuu | c stub | 1011 | או דוורו | | | | 70 | | | | |
| | 0000000100000e6a | leaq | 0x10(%rsp), %r | | | | | | | | | | | | | | | |
| | 0000000100000e6f 0000000100000e74 | movl callq | \$0x3e8, %edx 0x100000efe | | | | | 0x3E8 l stub | for | read | | | | | | | | |
| | 0000000100000e74 0000000100000e79 | movl | %eax, 0x8(%rsp | o) | | ## 5 | yılıdu | cstub | 101: | _i cau | + | - | | | | 1 | | |
| | 0000000100000e7d | movl | 0xc(%rsp), %ed | | | | | | | _ | | | | | ' | | | |
| | 0000000100000e81 0000000100000e86 | callq leag | 0x100000eda 0x10(%rsp), %r | rdi | | ## 9 | ymbo | l stub | for: | _close | | | | | | V | | |
| | 0000000100000e8b | movl | 0x10(%rsp), %r | | | , - | UA | | | | | | + | | | | | |
| | 0000000100000e8f | callq | _check_secret | | Stack " | botton | W. | | | | | | | | | | | |
| | 0000000100000e94 0000000100000e98 | addq retq | \$0x38, %rsp | | استب | | | 1 | 1 | | | | | 1 | | | | |
| | 0000000100000e98 0000000100000e99 | nopl | (%rax) | | | | | | | | . | | | | | | | |
| | _main: | | | + | Ox (000 | 00eae | ↓ ˈ <i>I</i> | ' | ln _× | 0000 | Deal | H | | | 00/90 | 000 es | 06 | |
| | 0000000100000ea0 / 00000001000000000000000000000000000 | pushq movl | %rax \$0x0, 0x4(%rs | 140 | -'- - | | \vdash \mid | | | . (3,530 | + | 1. | +++ | | | | | _ |
| بللحا | 0000000100000ea1 / | callq | _login | 71 9 7 | | | | | | | | | | | | | | |
| V | 0000000100000eae* | movl | %eax, (%rsp) | | | | `T | | | | | $II : \tilde{\mathcal{D}}_{0}$ | obyte | S | MAAI | A | _ ¬ | |
| | 00000001000000eb1 | cmpl | \$0x0, (%rsp) 00000ec5 | | | , , | $\vdash H$ | | H | | +- | 41:12 | Dr_100 | in | 1-1-1- | - | \rightarrow | |
| | 0000000100000ebb | | _success | | Stack | "top" | | | M | | | 11 | . 1 | 1 1 | 1 | | | 1 |
| | 0000000100000ec0 | jmp 0x1 | 00000eca | | 7170 | 1 | | | 1 | | | $V \sim c$ | ata(p | w) | Ox10 | 74~ | 0011 | |
| - | 0000000100000ec5 0000000100000eca | callq leag | _failure 0xb1(%rip), %r | rdi | | ## 1 | iter | al nool | for | "exitir | ng in ma | in\n" | - ol | Y (N | I OXIV | | E 17 | |
| | 0000000100000eca | callq | 0x100000ef8 | u i | | | | l stub | | | is Til IIId | - II (II | //0 | 14P. | | | | |
| | 0000000100000ed6 | xorl | %eax, %eax | | | | i | | | - | | | | | | | | |
| | 0000000100000ed8 0000000100000ed9 | popq retq | %rcx | | | | | | | | | | | | 1 | | | ' |
| | 20000001000000000 | 1 5 44 | | | | | | | | | | | | | | | | |
| | | | | _ | | | | | | | | | | | 1 1 1 | | | 1 |