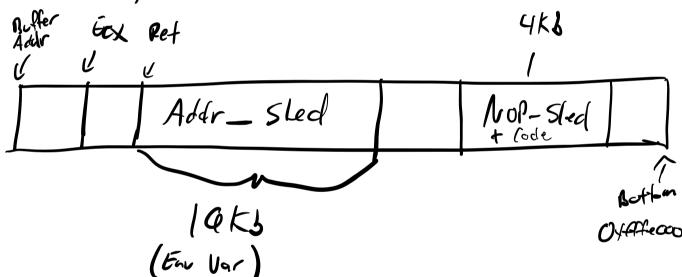
Stack 4-32 Notes

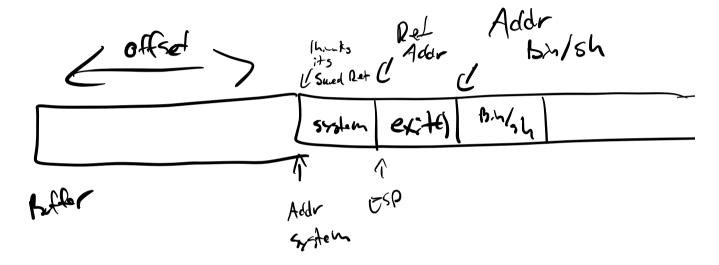
- · Putting addr_slid in enu uniables doesn't work right because of the alignment
- · Buffer 15 always alished properly which is why we put the payload in side of it



· Enu Vars aller us to gran the Stack and make gressing easier

Stack 5 Continued

- · Stack is not executable (NX R.4)
- . Calls for code reuse L> Re+2 lib C affack



9(C-m3) -0 Simple Simple. C-9

Busoful for seems cally conventions in assembly +

Geneda-pattern Clast (Addr > - LAddr)

o. Corefile to act a corefile Nea

the pageon crastos

Program to cross

offset = exclic. find(

Stack 6

· Gy bit system calls use registers in stead of the stack

· Need ROP gadets to exploit

the bhory

- · Rdi register is used for system
- Need to find a godget tent con load a value into Rdi
- · POP Rdi instruction
- o Use Rop Gadget to And it

- addr-Pup = RupsmaseL Addr

Buffer	Ref = 6	adget Add	r etti)
٧	√.		at cal
	Pup Gadget	bn/54	Systom
	RSP		

A , I

System

Rdi = addr of /bm/sh

Addr of /bm/sh

Rep RE: