



العمود الفقري
ديال التيليكوم
مخترق!

كيبير
BOOM
كيبير

STATIC
تشويش

تخراق
RRRIP

كيستعملو
SCTP و HTTPS
باش يتخبو.

كيبير
BOOM
كيبير

كيبير
BOOM
كيبير

كيبير
BOOM
كيبير



NOC - Network Operations Center



کاین مخبی وسط HTTPS!
 Magic Packet

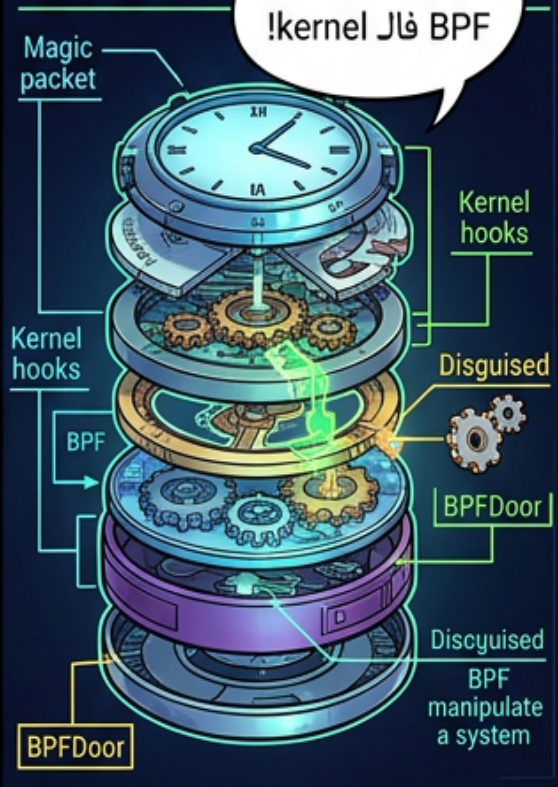
HTTPS packet stream

Heck onfset:

offset	data	offset
00000000:	81 52 83 45 66 72 88 99 48 68 8E 8E 88	.....
00000010:	00 00 00 00 00 00 00 00 00 00 00 00	.....
00000020:	00 65 32 82 00 00 00 00 00 01 60 00 00	.....
00000030:	28 55 35 52 5F 99 25 36 72 25 25 25	.....
00000040:	83 00 00 00 9999 00 00 00 00 00 00	.....
00000050:	00 00 00 00 00 00 00 00 00 00 00 00	.....
00000060:	00 00 00 00 00 00 00 00 00 00 00 00	.....
00000070:	00 00 01 00 01 00 00 01 00 01 00 00	.....
00000080:	00 00 00 00 00 00 00 00 00 00 00 00	.....
00000090:	00 00 00 00 00 00 00 00 00 00 00 00	.....
00000100:	00 00 00 00 00 00 00 00 00 00 00 00	.....

Linux kernel

خاصنا debug ل
 BPF فال kernel!



String with ancient-encoded runens
 in ICMP heartbeat packet stream.

```

1<<<<72 |R |PR|DD |N< |R|N|D|> |2<-|5>
| | F |A | | | | | | | | | |
    
```

PT30	lib	OT75at	Noise
00000060		SLiver	
00000010		Crosc2	
00000020		TinyShell	
00000030		TinyShell	
00000040		keylogger tr	
00000050		keylogger tr	
00000060		keylogger tr	
00000070		crnspassess	
00000080		keylogger tr	
00000090		keylogger tr	
00000100		keylogger tr	
00000110		Attack Chaun	
00000120		Decisiva	

درنا patch
، kernel
قطعنا C2!

PATCH APPLIED

```
LOGS:  
SLIVER SESSION TERMINATED  
CROSSC2 SESSION TERMINATED  
CLOSED BPF HOOKS  
...
```

```
LOGS:  
CLOSED BPF HOOKS  
SECURE SCTP INDICATORS
```

Red Menshen
تهزمت!

BOOM!

CLANG!

SFX: TRIUMPH!

SFX: TRIUMPH!

Telecom backbone

ICMP

C2 chains

preary shields

بلا...

