


Empowering Hackers To Create A Positive Impact

The background is a dark collage of images. On the left, there's a server rack with glowing lights. In the center, a person is seen in a dark environment, possibly a server room, with a small glowing screen. On the right, a person is wearing a futuristic, illuminated suit, possibly a hacker or a character from a movie. The overall theme is technology and hacking.

Keren Elazari
aka @K3r3n3



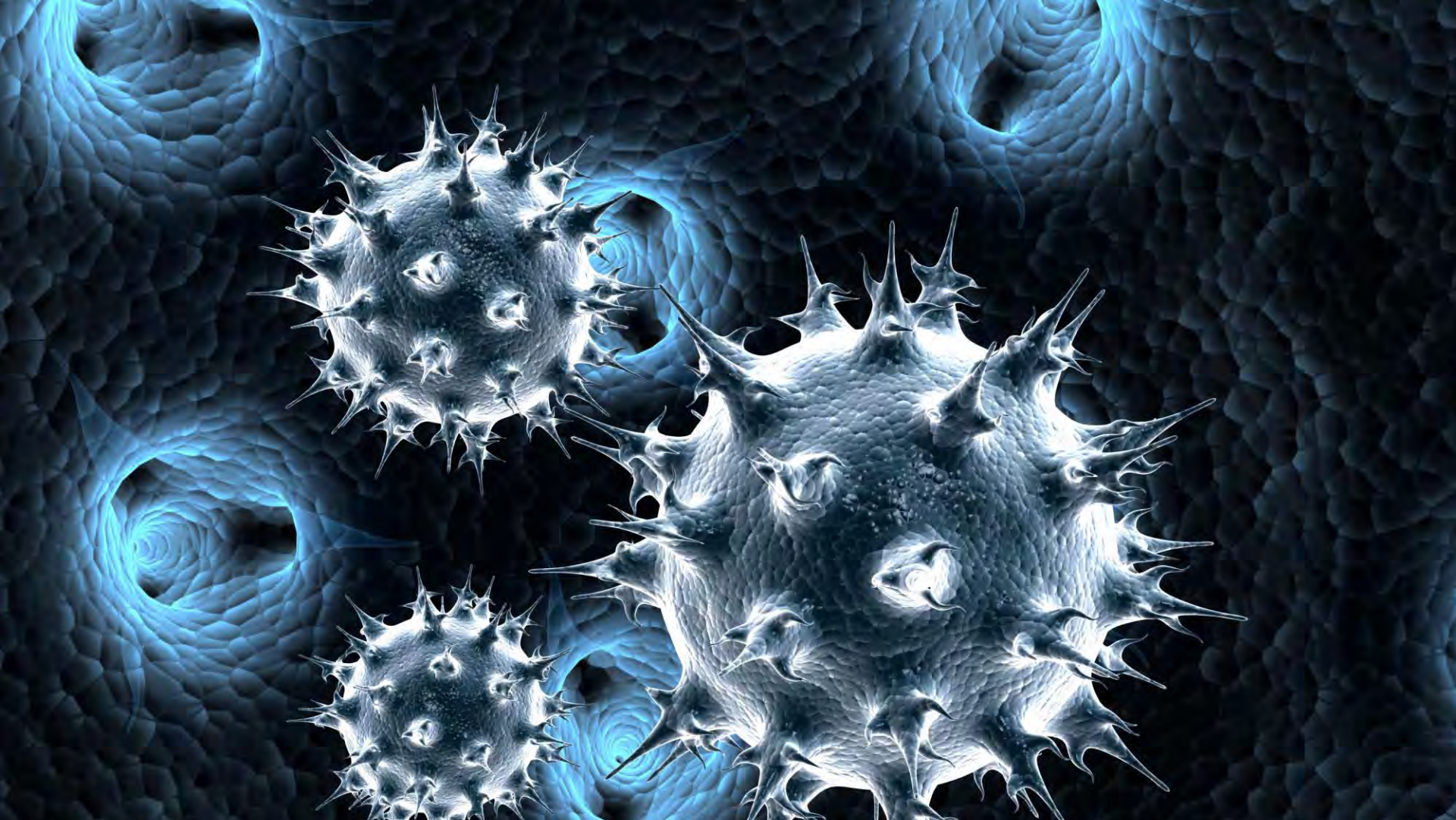


www.K3r3n3.com

WE NEED HACKERS

TED

@K3r3n3



```
struct group_info init_groups = { .usage = ATOMIC_INIT(2) };
struct group_info *groups_alloc(int gidsetsize){
    struct group_info *group_info;
    int nblocks;
    int i;

    nblocks = (gidsetsize + NGROUPS_PER_BLOCK - 1) / NGROUPS_PER_BLOCK;
    /* Make sure we always allocate at least one indirect block pointer */
    nblocks = nblocks ? : 1;
    group_info = kmalloc(sizeof(*group_info) + nblocks*sizeof(gid_t *), GFP_USER);
    if (!group_info)
        return NULL;
    group_info->ngroups = gidsetsize;
    group_info->nblocks = nblocks;
    atomic_set(&group_info->usage, 1);

    if (gidsetsize <= NGROUPS_SMALL)
        group_info->blocks[0] = group_info->small_block;
    else {
        for (i = 0; i < nblocks; i++) {
            gid_t *b;
            b = (void *)__get_free_page(GFP_USER);
            if (!b)
                goto out_undo_partial_alloc;
            group_info->blocks[i] = b;
        }
    }
    return group_info;
}

out_undo_partial_alloc:
while (--i >= 0) {
    free_page((unsigned long)group_info->blocks[i]);
}
kfree(group_info);
return NULL;
}

EXPORT_SYMBOL(groups_alloc);

void groups_free(struct group_info *group_info)
{
    if (group_info->blocks[0] != group_info->small_block) {
        int i;
        for (i = 0; i < group_info->nblocks; i++)
            free_page((unsigned long)group_info->blocks[i]);
    }
    kfree(group_info);
}

EXPORT_SYMBOL(groups_free);

/* export the group_info to a user-space array */
static int groups_to_user(gid_t __user *grouplist,
                        const struct group_
```

ACCESS GRANTED



**Govs Are
Glacial Newcomers
To Cyberspace**





NOW IS THE TIME



**#1: It's CYBER Space,
not INFORMATION Space**





Bluetooth



New shit

has come to light, man..



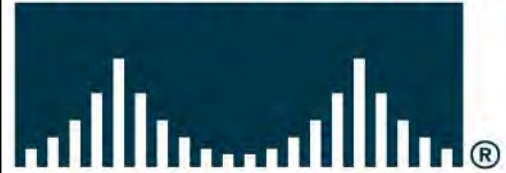
ORACLE®



Adobe



CISCO SYSTEMS



IBM®



Source : "25 Years Of Vulnerabilities: 1988-2012 Sourcefire Research Report"

ACARS Messages during flight

Dispatch, Cabin Crew, Cabin Crew, Catering, Cabin Crew

| Start | Take off | Departure | En Route | Arrival | Land | Gate |
|---------|----------|-----------|----------|---------|---------|---------|
| From AC | From AC | From AC | From AC | From AC | From AC | From AC |
| To AC | To AC | To AC | To AC | To AC | To AC | To AC |



SECURE ALL THE
THINGS!



Solution: Secure What Matters!

The Cavalry Isn't Coming

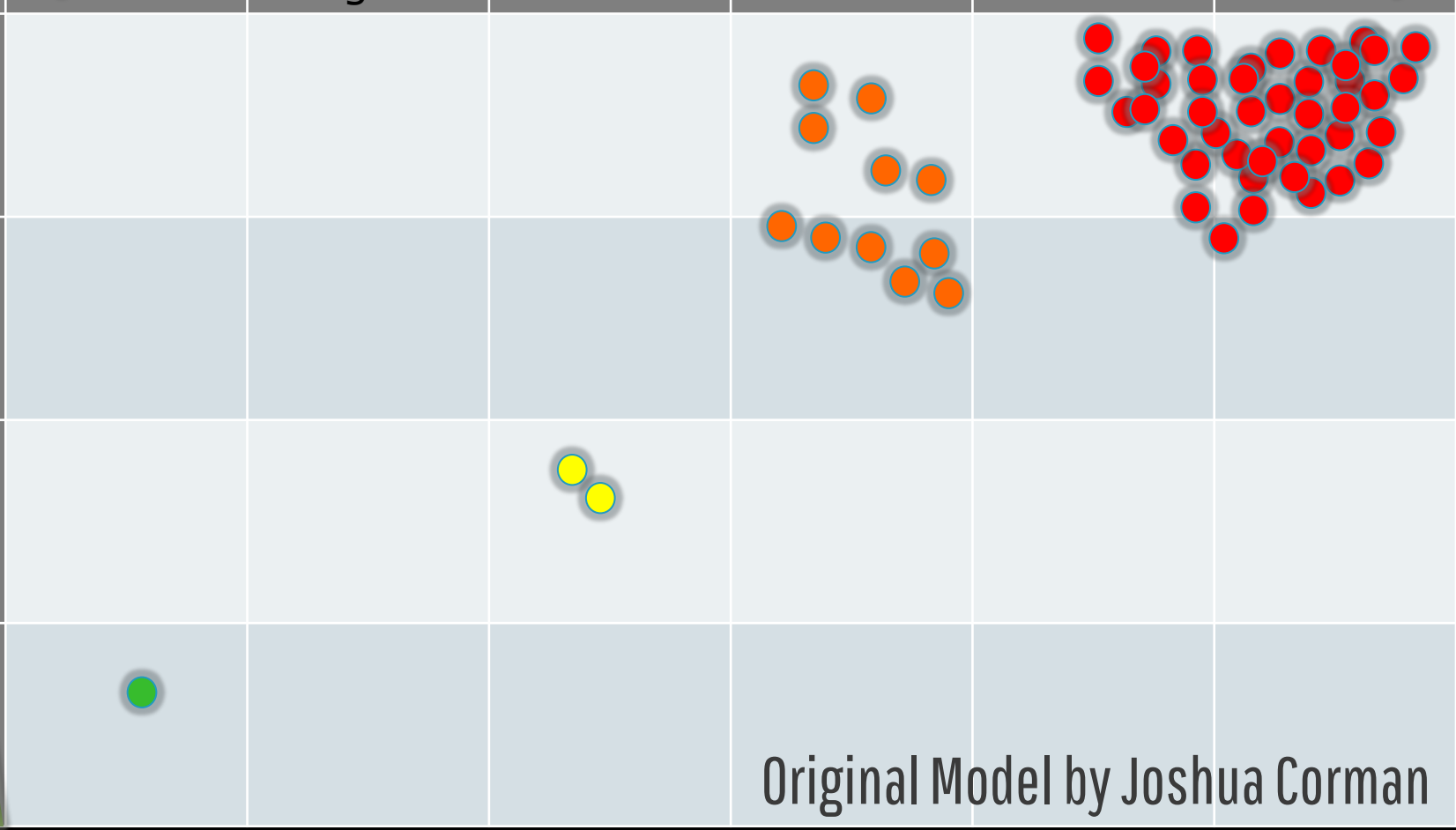
Starting the Revolution to FSCK it all!

Nicholas J. Percoco & Joshua Corman

@c7five

@joshcorman

← REPLACEABILITY →



Original Model by Joshua Corman

I am The Cavalry



<https://www.iamthecavalry.org/>

**#2: Huge Resources
Invested In Keeping
The World Vulnerable**

TIME

WORLD WAR ZERO



The global battle to
steal your secrets is
turning hackers into
arms dealers

BY LEV GROSSMAN

Solution: Don't Keep Your Bugs To Yourself



HACKERS GONNA HACK!

FACEBOOK BUG BOUNTY

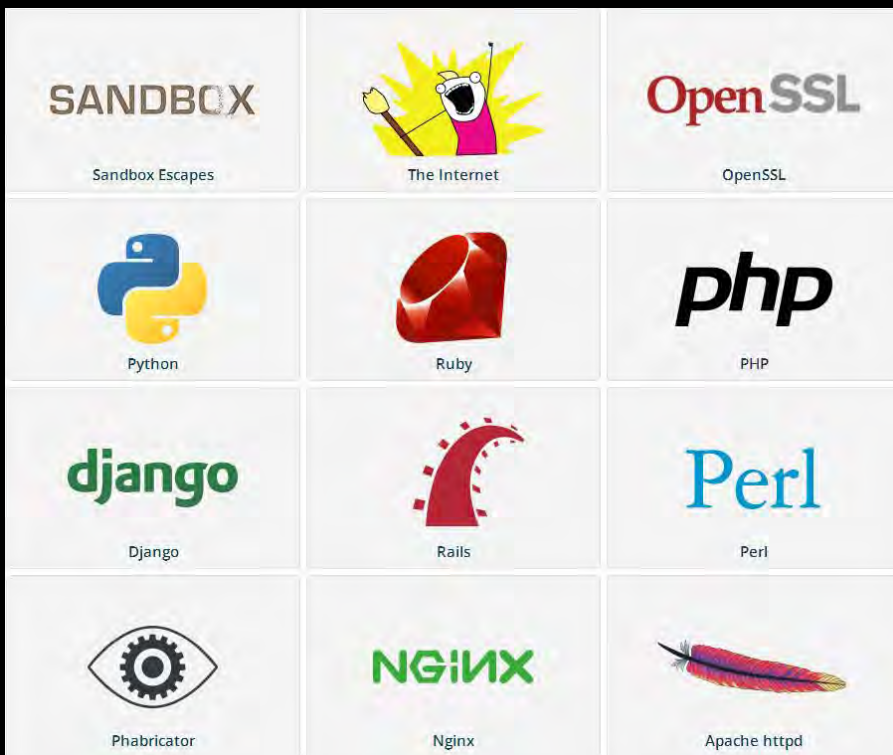
NOW WITH **MORE** HACKING!





<https://bugcrowd.com/list-of-bug-bounty-programs>

The Internet Bug Bounty



<https://hackerone.com/ibb>



Online Security Blog

The latest news and insights from Google on security and safety on the Internet

Announcing Project Zero

Posted: Tuesday, July 15, 2014

EXPLOIT DATABASE



**#3: We Are As Weak
As Our Weakest Link**

A photograph of a Target retail store's exterior. The building is a light-colored, multi-story structure with a large, three-dimensional red bullseye logo mounted on the upper facade. Below the logo, the word "TARGET" is displayed in large, red, block letters. The ground floor features a glass-enclosed entrance area. In the foreground, a long row of red shopping carts is parked, with a large red ball at the end of the line. A person is visible near the entrance on the left, and another person is near the entrance on the right. The sky is overcast.

TARGET

ebay



ERROR

A problem has been detected and OS has been shut down to prevent damage to your computer.
The problem seems to be caused by the following file: DRIVER.SYS

PAGE_FAULT_IN_NONPAGED_AREA

If this is the first time you've seen this stop error screen, restart your computer. If this screen appears again, follow these steps:

Check to make sure any new hardware or software is properly installed. If this is a new installation, ask your hardware or software manufacturer for any OS updates you might need.

If problems continue, disable or remove any newly installed hardware or software.
Disable BIOS Mode to rem
Advanced St



Solution: Stop, Collaborate and Share



**IT'S TIME TO
SHARE.**

#4: The Front Lines – Are Everyone!





Image by Chris Halderman CC BY 3.0

Solution : Empower The Masses



Image by Scoobay
CC BY-NC-SA 2.0

RED CYBER

הצוות לחשיבה זדונית



Introducing...

CRYPTOPARTY
PARTY

Privacy is necessary for an open society in the electronic age. Privacy is not secrecy. A private matter is something one doesn't want the whole world to know, but a secret matter is something one doesn't want anybody to know. Privacy is the power to selectively reveal oneself to the world. ~[Cypherpunk Manifesto](#)



 **BUILDITSECURE.LY**

The logo features a black silhouette of the United States map on a yellow background. A white banner with a red and blue striped pattern is overlaid on the map. The text "NATIONAL DAY OF" is on the top line and "CIVIC HACKING" is on the bottom line, both in a bold, sans-serif font. The letters are filled with the red and blue colors of the stripes, with some letters having white circular cutouts.

NATIONAL DAY OF
CIVIC HACKING

#5: The FUD of Cyber War Keeps Govs In Control



Image: Corbis, The Economist

Corbis/Alamy

Solution: Mind The Gap



FUD

The image features the word "FUD" in a bold, black, sans-serif font. The word is centered horizontally and is overlaid on a red prohibition sign. The prohibition sign consists of a thick red circle with a diagonal slash from the top-left to the bottom-right. The background is white, with black horizontal bars at the top and bottom edges.



Here Be Jargons



YOUR INTERNET NEEDS

YOU

**5 THINGS
WE CAN ALL DO
RIGHT NOW**



Secure What Matters



Don't Keep Your Bugs To Yourself



Collaborate & Share



Empower The Masses



Stop The Spread Of FUD

Attitude + skills
+ Process + Knowledge
= Success



Involvement + Commitment
+ Environment = Success

PEOPLE +
PROGRAMS
ENVIRONMENT
EFFECTIVENESS

Problems
solutions

Success
Formula for my
Involvement =
+20+10

- ANALYSIS
- SOLUTION
- PROCESS
- OBJECTIVES
- TEAMWORK
- VISION
- SALES

COACH

LEAD BY EXAMPLE

MOTIVATE

TEAM WORK

INSPIRE

SUCCESS

TEACH

MENTOR

VISION

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N

P
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E
G
Y

Hard Work
Wise Decisor
Good Choice
SUCCESS





CTRL + ALT + DELETE

@k3r3n3

