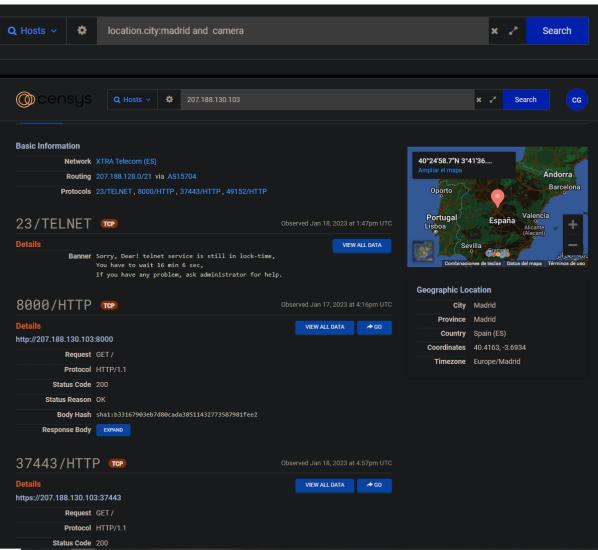
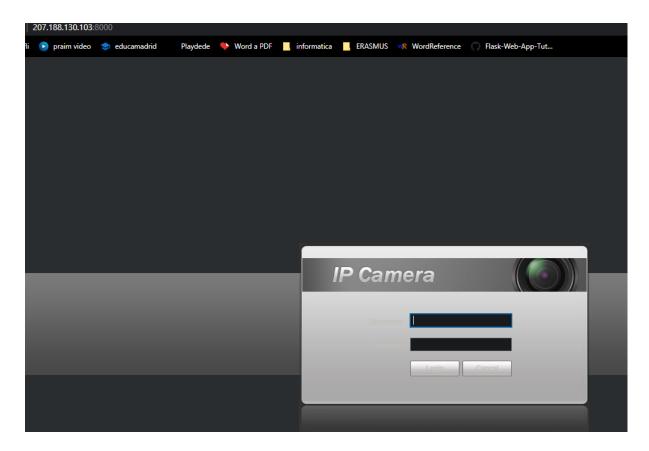
Extra Info Gathering

Censys.

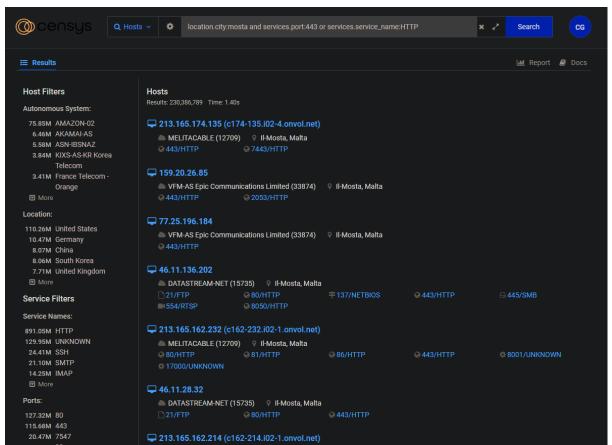
Lo guay de censys es que puedes hacer filtros booleanos, es decir usar and y or. De forma que si queremos buscar ip con http o https podríamos. Shodan solo permite añadir mas filtros como si fuera un and.

Aquí buscamos cámaras en madrid





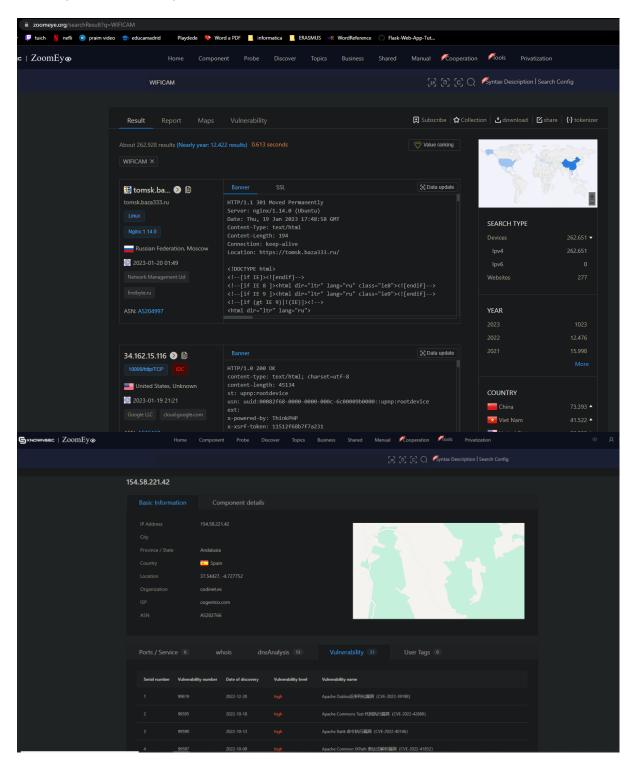
Aquí buscamos por ciudad: mosta, malta y que tenga abierto el puerto 443(https) o use HTTP



Alternativas a Censys.

Alternativas a Shodan y Censys hay muchas, como Zoom Eye, IVRE, FOFA.

Yo he probado Zoom Eye. No es tan completo como los demás pero supongo que si sabes que buscar cumple su función.



Nmap scripts.

El primer paso es clonar el repositorio donde están los scripts, hay varios y cada uno tiene sus funciones pero yo he elegido este.

```
(kali@kali)-[/usr/share/nmap/scripts]
$ sudo git clone https://github.com/vulnersCom/nmap-vulners.git
Clonando en 'nmap-vulners'...
remote: Enumerating objects: 104, done.
remote: Counting objects: 100% (42/42), done.
remote: Compressing objects: 100% (35/35), done.
remote: Total 104 (delta 22), reused 15 (delta 7), pack-reused 62
Recibiendo objetos: 100% (104/104), 444.33 KiB | 3.34 MiB/s, listo.
Resolviendo deltas: 100% (43/43), listo.
```

Ahora vamos a ver las posibles fallas de seguridad de los puertos abiertos en la 1.0.0.0.1

```
-(kali@kali)-[/usr/share/nmap/scripts
                                                     script nmap-vulners/ 10.0.0.1
Starting Nmap 7.93 ( https://nmap.org ) at 2023-01-19 09:18 CET
Nmap scan report for 10.0.0.1
Host is up (0.00031s latency).
Not shown: 989 closed tcp ports (reset)
PORT STATE SERVICE VERSION
22/tcp open ssh OpenSSH 8.2p
                                                                       OpenSSH 8.2p1 Ubuntu 4ubuntu0.4 (Ubuntu Linux; protocol 2.0)
   vulners:
         cpe:/a:openbsd:openssh:8.2p1:
                    CVE-2020-15778 6.8 https://vulners.com/cve/CVE-2020-15778 C94132FD-1FA5-5342-B6EE-0DAF45EEFFE3 6.8 https://vulners.com/githubexploit/C94132
FD-1FA5-5342-B6EE-0DAF45EEFFE3 *EXPLOIT*
                     10213DBE-F683-58BB-B6D3-353173626207
                                                                                                                             6.8
                                                                                                                                                https://vulners.com/githubexploit/10213D
BE-F683-58BB-B6D3-353173626207 *EXPLOIT*
| CVE-2020-12062 5.0 https://vulners.com/cve/CVE-2020-12062
| CVE-2020-12062 | https://vulners.com/cve/CVE-2020-12062 | CVE-2021-28041 | 4.6 | https://vulners.com/cve/CVE-2021-28041 | CVE-2021-41617 | 4.4 | https://vulners.com/cve/CVE-2021-41617 | CVE-2020-14145 | 4.3 | https://vulners.com/cve/CVE-2020-14145 | CVE-2016-20012 | 4.3 | https://vulners.com/cve/CVE-2016-20012 | CVE-2021-36368 | 2.6 | https://vulners.com/cve/CVE-2021-36368 | 53/tcp | open | domain | Unbound | Solution | Unbound | Unbound | Solution | Solut
 |_http-server-header: nginx/1.19.3
88/tcp open http
                                                                   nginx 1.19.3
|_http-server-header: nginx/1.19.3
                                                                 nginx 1.19.3
89/tcp open http
|_http-server-header: nginx/1.19.3
90/tcp open http nginx 1.19.3
|_http-server-header: nginx/1.19.3
33030/tcp open http Node.js Express framework
3306/tcp open mysql MySQL 8.0.21
3333/tcp open mysql MySQL 8.0.21
8080/tcp open nagios-nsca Nagios NSCA
8181/tcp open ssl/http Payara Server httpd 5.2021.4 (Servlet 4.0; JSP 2.3; Azul Systems, Inc
     Java 11)
    vulners:
          cpe:/a:payara:payara:5.2021.4:
PACKETSTORM:169864 4.3
                                                                                                        https://vulners.com/packetstorm/PACKETSTORM:169864
                                                                                  4.3
EXPLOIT*
                     1337DAY-ID-38070
                                                                                                         https://vulners.com/zdt/1337DAY-ID-38070
                     CVE-2022-45129 0.0
                                                                                   https://vulners.com/cve/CVE-2022-45129
```

Ahora vamos a ver las posibles fallas de seguridad de los puertos abiertos en la 1.0.0.0.12. Podemos ver que hay unas cuantas.

```
Not show: 99 closed to ports (reset)
PORT STATE SERVICE VERSION
PORT STATE SERVICE VERSION PORT SERVICE VERS
                                                                 EDB-ID:40119 5.5 https://vulners.com/canvas/SSH_ENUM *EXPLOIT*

EDB-ID:40119 5.5 https://vulners.com/cve/CVE-2016-3115 5.0 https://vulners.com/cve/CVE-2016-3115 5.0 https://vulners.com/cve/Docktstorm/PACKETSTORM:150621 *EXPLOIT*
EXPLOITPACK:19507078806C1123/33C649876413180 5.0 https://vulners.com/cve/ploitdpack/EXPLOITPACK:19507078806C1123/33C649876413180 5.0 https://vulners.com/cve/ploitdpack/EXPLOITPACK:19507078806C1123/33C649876413180 5.0 https://vulners.com/cve/Polith/EDB-ID:45939 *EXPLOIT*
EXPLOITPACK:19507078040 https://vulners.com/cve/CVE-2018-1045939 *EXPLOIT*
EVE-2018-15473 5.0 https://vulners.com/cve/CVE-2018-15473 *EXPLOIT*
EVE-2018-15473 5.0 https://vulners.com/cve/CVE-2018-15473 *EXPLOIT*
EVE-2016-10708 5.0 https://vulners.com/cve/CVE-2016-10708 *EXPLOIT*
EXPLOITPACK:50520DAA7F452519AC00C1C0978A3EF 6.3 https://vulners.com/cve/CVE-2016-10708 *EXPLOIT*
EXPLOITPACK:50520DAA7F452519AC00C1C0978A3EF 6.3 https://vulners.com/cve/CVE-2016-6109 6.3 https://vulners.com/cve/CVE-2016-6109 6.3 https://vulners.com/cve/CVE-2016-6109 6.0 https://vulners.com/cve/CVE-2016-6109 6.0 https://vulners.com/cve/CVE-2016-6109 6.0 https://vulners.com/cve/CVE-2016-6109 6.0 https://vulners.com/cve/CVE-2016-61091 6.0 https://vulners.com/cve/CVE-2016-61091 6.0 https://vulners.com/cve/CVE-2016-61091 6.0 https://vulners.c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 *EXPLOIT*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               *EXPLUIT*
17942 *EXPLOIT*
±tasploit/MSF:AUXILIARY-SCANNER-SSH-SSH_ENUMUSERS- *EXPLOIT*
*EXPLOIT*
                                      ulners:

cpe:/a:nginx:nginx:1.10.3:

OSV:CVE-2022-41742

OSV:CVE-2022-41741

OSV:CVE-2021-3618

OSV:CVE-2022-41742
                                                                                                                                                                                                                                                                                                                                                  https://vulners.com/osv/OSV:CVE-2022-41742
                                                                                                                                                                                                                                                                                                                                              https://wulners.com/osv/USV:CVE-2022-41/44
https://wulners.com/osv/OSV:CVE-2022-41741
https://wulners.com/osv/OSV:CVE-2021-3618
https://wulners.com/osv/OSV:CVE-2022-41741
https://wulners.com/osv/OSV:CVE-2022-41741
https://wulners.com/osv/OSV:CVE-2021-3618
```

```
nttp-server-header: nginx/1.10.3 (Ubuntu)
/tcp open http Apache httpd 2.4.18 ((Ubuntu))
```

```
https://vulners.com/packetstorm/PACKETSTORM:152441
                 PACKETSTORM: 152441
                                                                   0.0
                                                                                                                                                                                                           *FX5F011*
| http-server-header: Apache/2.4.18 (Ubuntu)
88/tcp open ssl/http nginx 1.10.3
   vulners:
       cpe:/a:nginx:nginx:1.10.3:
                OSV:CVE-2022-41742
                                                                                     https://vulners.com/osv/OSV:CVE-2022-41742
                                                                    0.0
                                                                                     https://vulners.com/osv/OSV:CVE-2022-41741
https://vulners.com/osv/OSV:CVE-2021-3618
                 OSV:CVE-2022-41741
                                                                   0.0
                OSV: CVE-2021-3010
OSV: CVE-2022-41742
                 OSV:CVE-2021-3618
                                                                    0.0
                                                                 0.0
                                                                                      https://vulners.com/osv/OSV:CVE-2022-41742
                 OSV:CVE-2022-41741
                                                                                      https://vulners.com/osv/OSV:CVE-2022-41741
                OSV:CVE-2021-3618
                                                                  0.0
                                                                                     https://vulners.com/osv/OSV:CVE-2021-3618
|_http-server-header: nginx/1.10.3 (Ubuntu)
89/tcp open http
                                                  nginx 1.10.3 (Ubuntu)
    vulners:
        cpe:/a:nginx:nginx:1.10.3:
                 OSV:CVE-2022-41742
                                                                    0.0
                                                                                      https://vulners.com/osv/OSV:CVE-2022-41742
                 OSV:CVE-2022-41741
                                                                    0.0
                                                                                      https://vulners.com/osv/OSV:CVE-2022-41741
                 OSV:CVE-2021-3618
                                                                    0.0
                                                                                      https://vulners.com/osv/OSV:CVE-2021-3618
                 OSV:CVE-2022-41742
                                                                    0.0
                                                                                      https://vulners.com/osv/OSV:CVE-2022-41742
                 OSV:CVE-2022-41741
                                                                    0.0
                                                                                      https://vulners.com/osv/OSV:CVE-2022-41741
                OSV:CVE-2021-3618
                                                                    0.0
                                                                                    https://vulners.com/osv/OSV:CVE-2021-3618
 _http-server-header: nginx/1.10.3 (Ubuntu)
389/tcp open ldap (Anonymous bind OK)
443/tcp open ssl/http nginx 1.10.3 (Ubuntu)
 | vulners:
        cpe:/a:nginx:nginx:1.10.3:
                 OSV:CVE-2022-41742
                                                                    0.0
                                                                                      https://vulners.com/osv/OSV:CVE-2022-41742
                                                                                     https://vulners.com/osv/OSV:CVE-2022-41741
https://vulners.com/osv/OSV:CVE-2021-3618
                 OSV:CVE-2022-41741
                                                                   0.0
                 OSV:CVE-2021-3618
                                                                    0.0
                                                                                     https://vulners.com/osv/OSV:CVE-2022-41742
https://vulners.com/osv/OSV:CVE-2022-41741
                                                                   0.0
                 OSV:CVE-2022-41742
                 OSV: CVE-2022-41741
                                                                    0.0
                OSV:CVF-2021-3618
                                                                   0.0
                                                                                     https://vulners.com/osv/OSV:CVE-2021-3618
_http-server-header: nginx/1.10.3 (Ubuntu)
444/tcp open ssl/http Apache httpd 2.4.18 ((Ubuntu))
|_http-server-header: Apache/2.4.18 (Ubuntu)
    vulners:
        cpe:/a:apache:http_server:2.4.18:
                CVE-2022-31813 7.5
CVE-2022-23943 7.5
                                                                 https://vulners.com/cve/CVE-2022-31813
                                                                    https://vulners.com/cve/CVE-2022-23943
https://vulners.com/cve/CVE-2022-22720
https://vulners.com/cve/CVE-2021-44790
                 CVE-2022-22720 7.5
                CVE-2021-44790 7.5
CVE-2021-39275 7.5
       CVE-2021-39275 7.5 https://vulners.com/cve/CVE-2021-39275
CVE-2021-26991 7.5 https://vulners.com/cve/CVE-2021-39275
CVE-2021-26991 7.5 https://vulners.com/cve/CVE-2021-39275
CVE-2021-26991 7.5 https://vulners.com/cve/CVE-2021-39275
CVE-2021-30197 7.5 https://vulners.com/cve/CVE-2021-39275
CVE-2021-30197 7.5 https://vulners.com/cve/CVE-2021-30276
CVE-2021-30197 7.5 https://vulners.com/cve/CVE-2021-30276
CVE-2022-30225 7.5 https://vulners.com/cve/CVE-2021-30225
CVE-2022-30235 7.5 https://vulners.com/cve/CVE-2021-30225
CVE-2022-30236 7.5 https://vulners.com/cve/CVE-2021-20236
EPFLOTTPACK-4GC5118F831D55FAF4299C41D8BDA0AB 7.2 https://vulners.com/cve/CVE-2021-20236
EPFLOTTPACK-4GC518BA9BF35-3D35FAF4299C41D8BDA0AB 7.2 https://vulners.com/cve/CVE-2021-20236
EPFLOTTPACK-4GC518BA9BF35-3D35FAF4299C41D8BDA0AB 7.2 https://vulners.com/cve/CVE-2021-20236
EPFLOTTPACK-4GC518BA9BF35-3D35FAF4299C41D8BDA0AB 7
                                                                    https://vulners.com/cve/CVE-2021-39275
```

Si tuviera un mayor conocimiento estoy seguro de que seria capaz de acceder y burlar la seguridad de la 10.0.0.12, posteriormente escalar privilegios y comprometer el equipo.