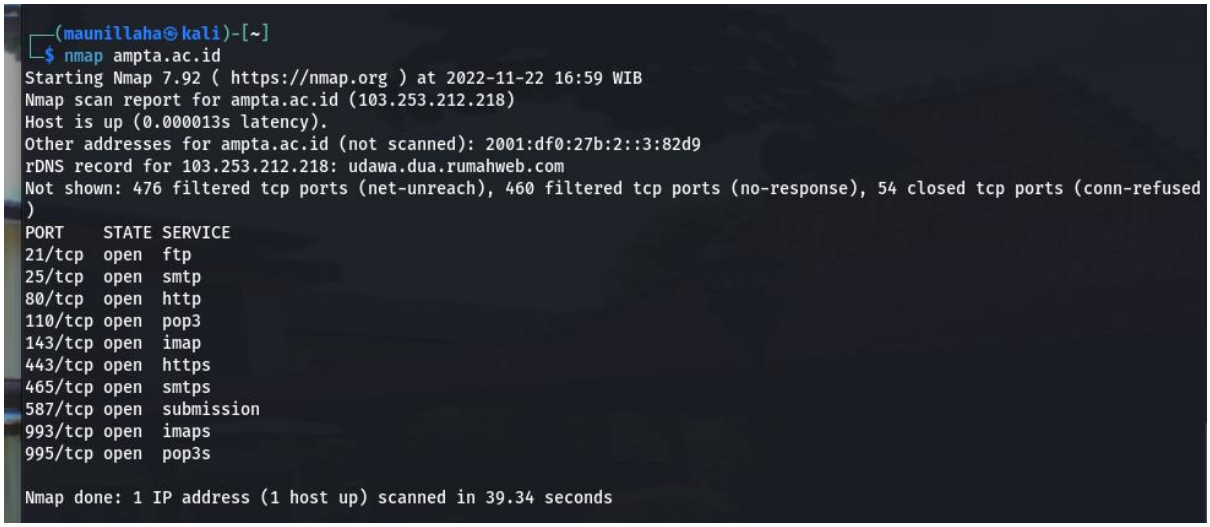
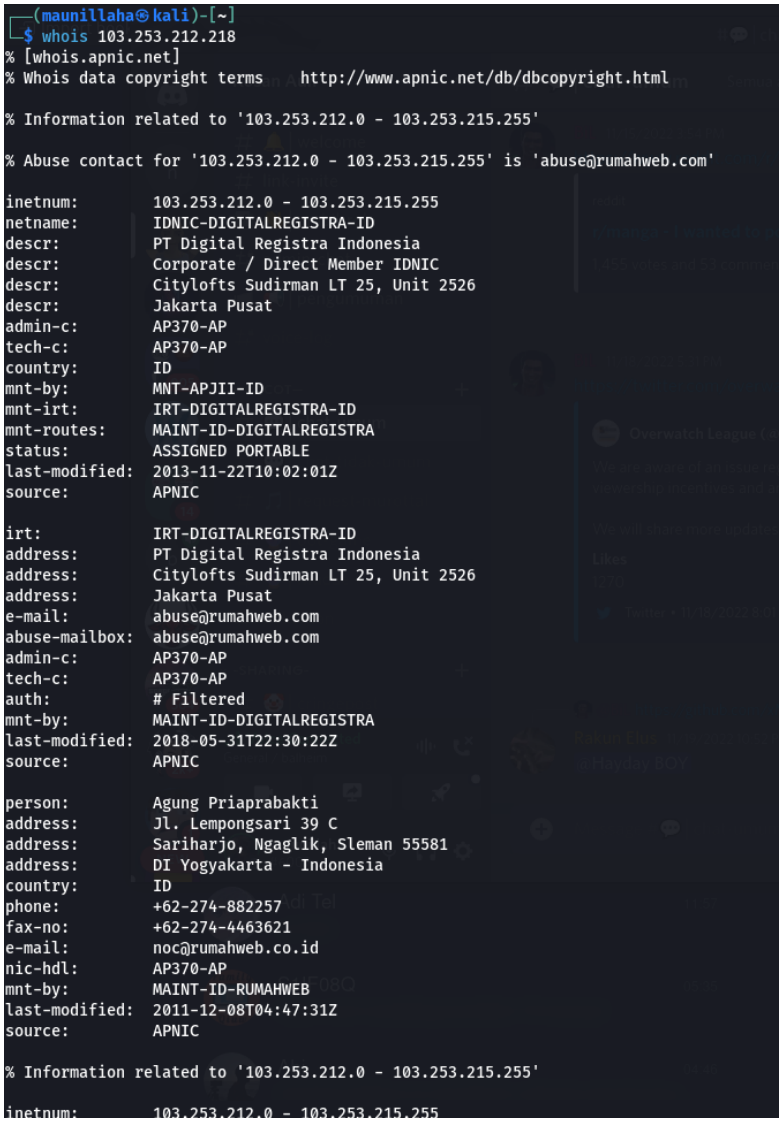
Nama :Muhammad Aunillah Alghifari
NIM : 20102265
kelas : S1IF08TI1

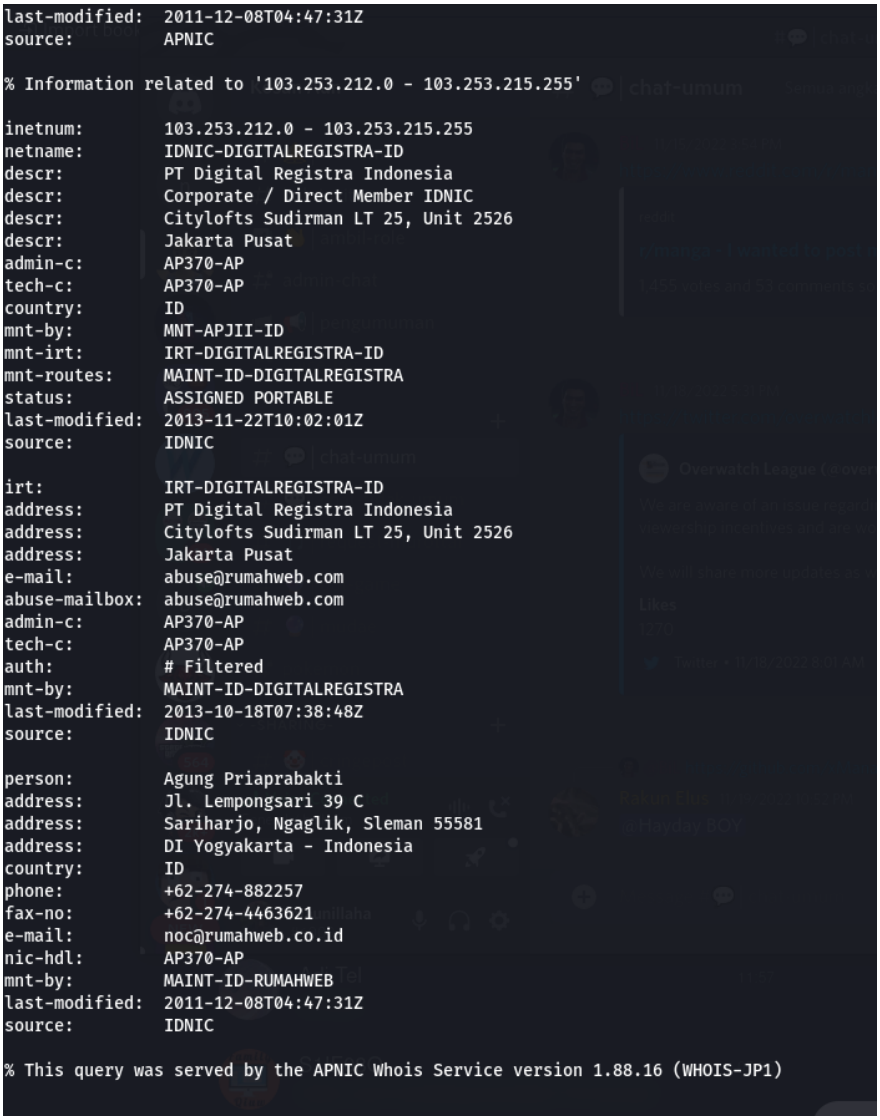
1 & 2.1. Footprinting adalah mencari informasi dari sebuah web. Footprinting yang saya pakai yaitu nmap dan whois



dari nmap ini, didapatkan sebuah ipnya, port2 apa saja yang open.
List port yang open :

port	service	fungsi
21	ftp	protokol yang melayani user untuk melakukan transfer data dua arah
25	smtp	email yang ingin dikirimkan oleh pengirim akan diterima dengan mudah oleh penerimanya
80	http	Mengatur format dan bagaimana data ditransmisikan
110	pop3	Jenis protokol yang digunakan untuk mengirim email
143	imap	Memungkinkan mengakses email di mana saja dan diperangkat mana saja
443	https	Sama dengan http tetapi memiliki tingkat keamanan yang lebih baik
465	smtps	Sama dengan smtp tetapi dengan tingkat keamanan yang lebih baik
587	submission	Port yang bisa digunakan untuk relaying, seperti komunikasi antar mail server
993	imaps	Sama seperti imap tetapi dengan tingkat keamanan yang lebih baik
995	pop3s	Sama seperti pop3 tetapi dengan tingkat keamanan yang lebih baik

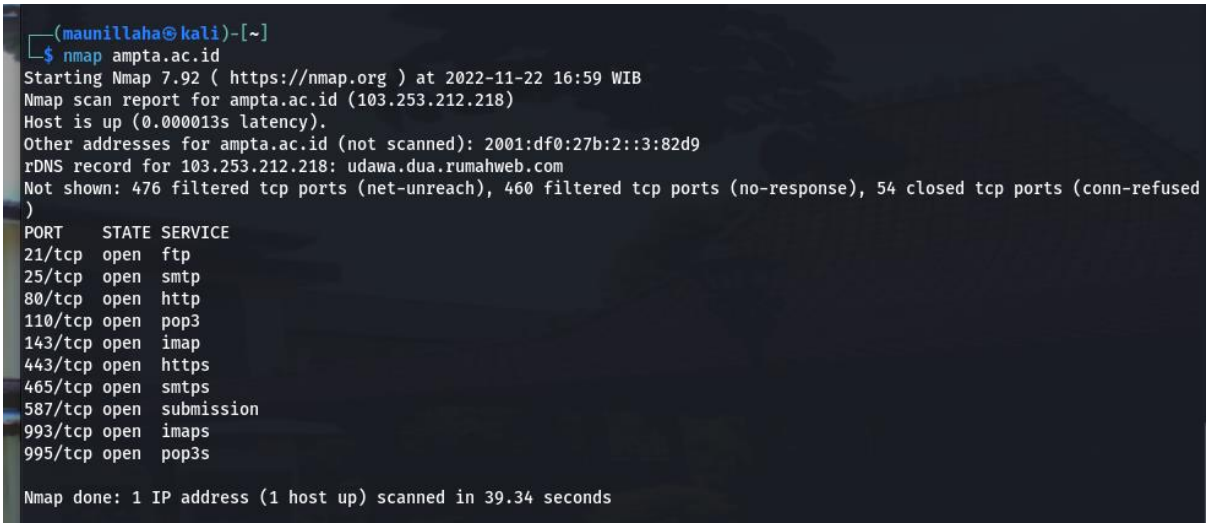

┌──(maunillaha㉿kali)-[~]
└─$ whois 103.253.212.218
% [whois.apnic.net]
% Whois data copyright terms http://www.apnic.net/db/dbcopyright.html
% Information related to '103.253.212.0 - 103.253.215.255'
% Abuse contact for '103.253.212.0 - 103.253.215.255' is 'abuse@rumahweb.com'
inetnum: 103.253.212.0 - 103.253.215.255
netname: IDNIC-DIGITALREGISTRA-ID
descr: PT Digital Registra Indonesia
descr: Corporate / Direct Member IDNIC
descr: Citylofts Sudirman LT 25, Unit 2526
descr: Jakarta Pusat
admin-c: AP370-AP
tech-c: AP370-AP
country: ID
mnt-by: MNT-APJII-ID
mnt-irt: IRT-DIGITALREGISTRA-ID
mnt-routes: MAINT-ID-DIGITALREGISTRA
status: ASSIGNED PORTABLE
last-modified: 2013-11-22T10:02:01Z
source: APNIC
irt: IRT-DIGITALREGISTRA-ID
address: PT Digital Registra Indonesia
address: Citylofts Sudirman LT 25, Unit 2526
address: Jakarta Pusat
e-mail: abuse@rumahweb.com
abuse-mailbox: abuse@rumahweb.com
admin-c: AP370-AP
tech-c: AP370-AP
auth: # Filtered
mnt-by: MAINT-ID-DIGITALREGISTRA
last-modified: 2018-05-31T22:30:22Z
source: APNIC
person: Agung Priaprabakti
address: Jl. Lempongsari 39 C
address: Sariharjo, Ngaglik, Sleman 55581
address: DI Yogyakarta - Indonesia
country: ID
phone: +62-274-882257
fax-no: +62-274-4463621
e-mail: noc@rumahweb.co.id
nic-hdl: AP370-AP
mnt-by: MAINT-ID-RUMAHWEB
last-modified: 2011-12-08T04:47:31Z
source: APNIC
% Information related to '103.253.212.0 - 103.253.215.255'
inetnum: 103.253.212.0 - 103.253.215.255



```
last-modified:  2011-12-08T04:47:31Z
source:         APNIC

% Information related to '103.253.212.0 - 103.253.215.255'

inetnum:        103.253.212.0 - 103.253.215.255
netname:        IDNIC-DIGITALREGISTRA-ID
descr:          PT Digital Registra Indonesia
descr:          Corporate / Direct Member IDNIC
descr:          Citylofts Sudirman LT 25, Unit 2526
descr:          Jakarta Pusat
admin-c:        AP370-AP
tech-c:         AP370-AP
country:        ID
mnt-by:         MNT-APJII-ID
mnt-irt:        IRT-DIGITALREGISTRA-ID
mnt-routes:     MAINT-ID-DIGITALREGISTRA
status:         ASSIGNED PORTABLE
last-modified:  2013-11-22T10:02:01Z
source:         IDNIC

irt:            IRT-DIGITALREGISTRA-ID
address:        PT Digital Registra Indonesia
address:        Citylofts Sudirman LT 25, Unit 2526
address:        Jakarta Pusat
e-mail:         abuse@rumahweb.com
abuse-mailbox:  abuse@rumahweb.com
admin-c:        AP370-AP
tech-c:         AP370-AP
auth:           # Filtered
mnt-by:         MAINT-ID-DIGITALREGISTRA
last-modified:  2013-10-18T07:38:48Z
source:         IDNIC

person:         Agung Priaprabakti
address:        Jl. Lempongsari 39 C
address:        Sariharjo, Ngaglik, Sleman 55581
address:        DI Yogyakarta - Indonesia
country:        ID
phone:          +62-274-882257
fax-no:         +62-274-4463621
e-mail:         noc@rumahweb.co.id
nic-hdl:        AP370-AP
mnt-by:         MAINT-ID-RUMAHWEB
last-modified:  2011-12-08T04:47:31Z
source:         IDNIC

% This query was served by the APNIC Whois Service version 1.88.16 (WHOIS-JP1)
```

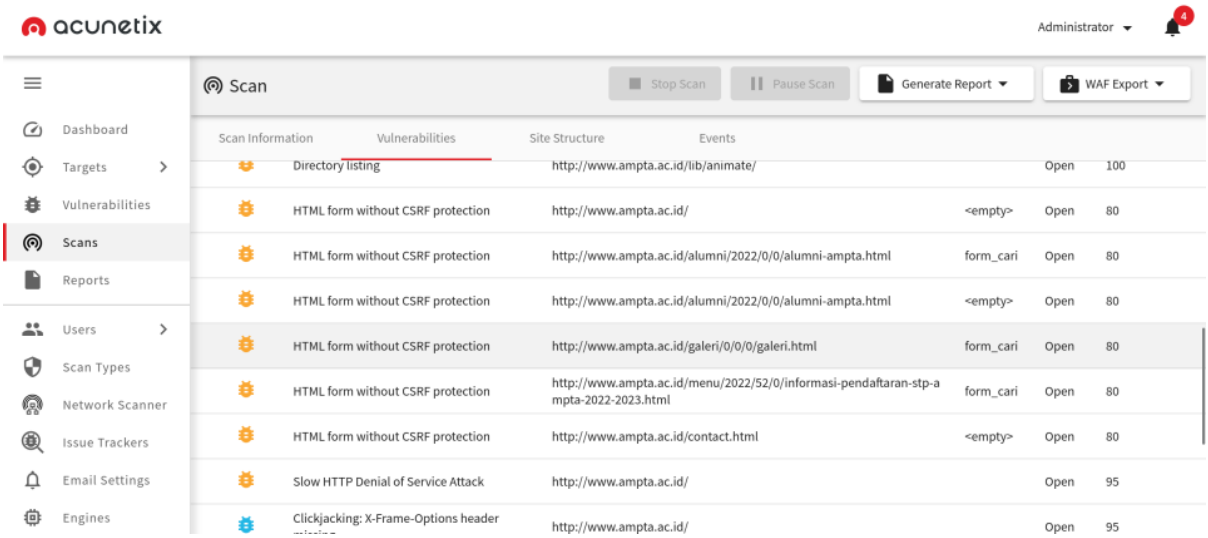
Dari whois ini, didapatkan data data nama pemilik dari web seperti alamat, email, nama perusahaan hingga nomer telepon

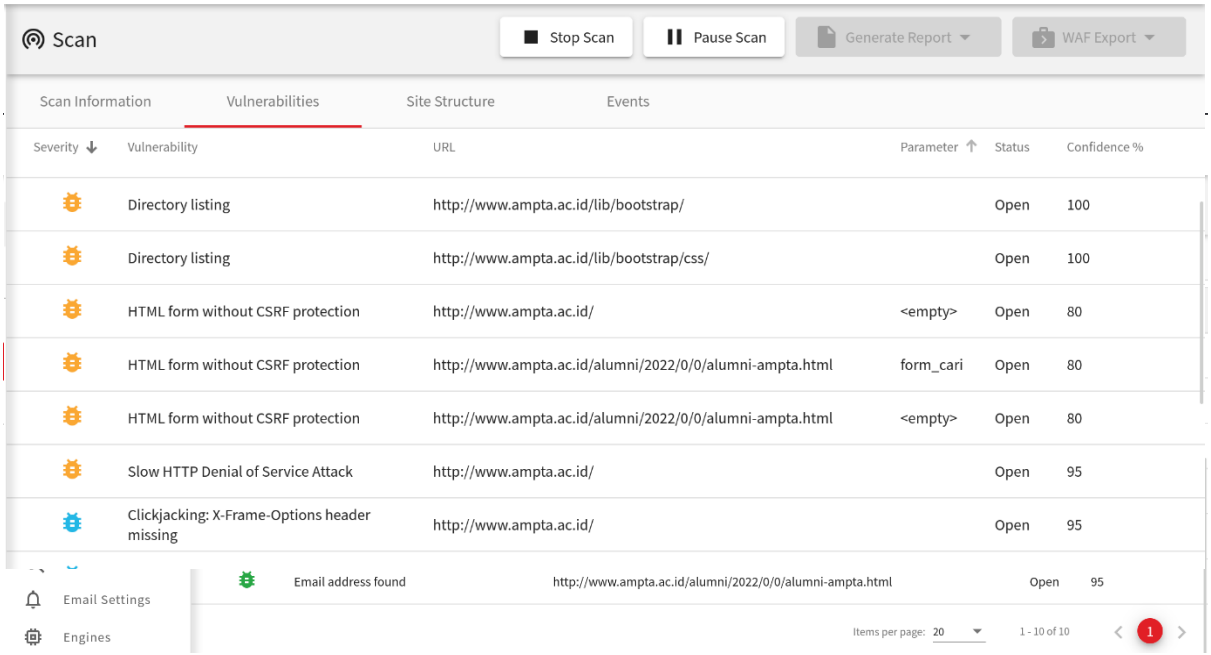
2.1

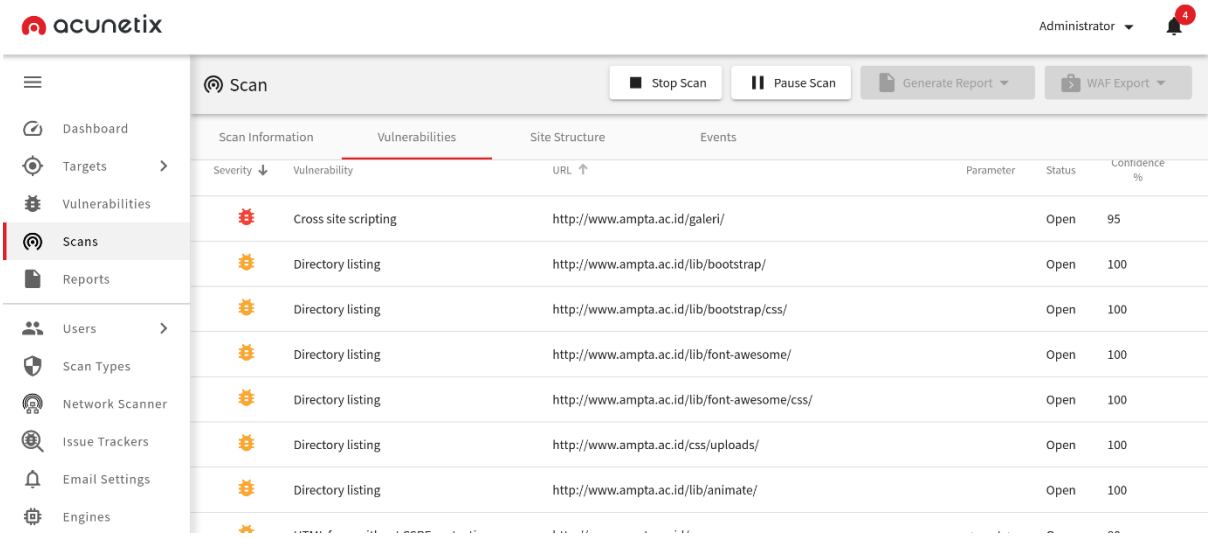


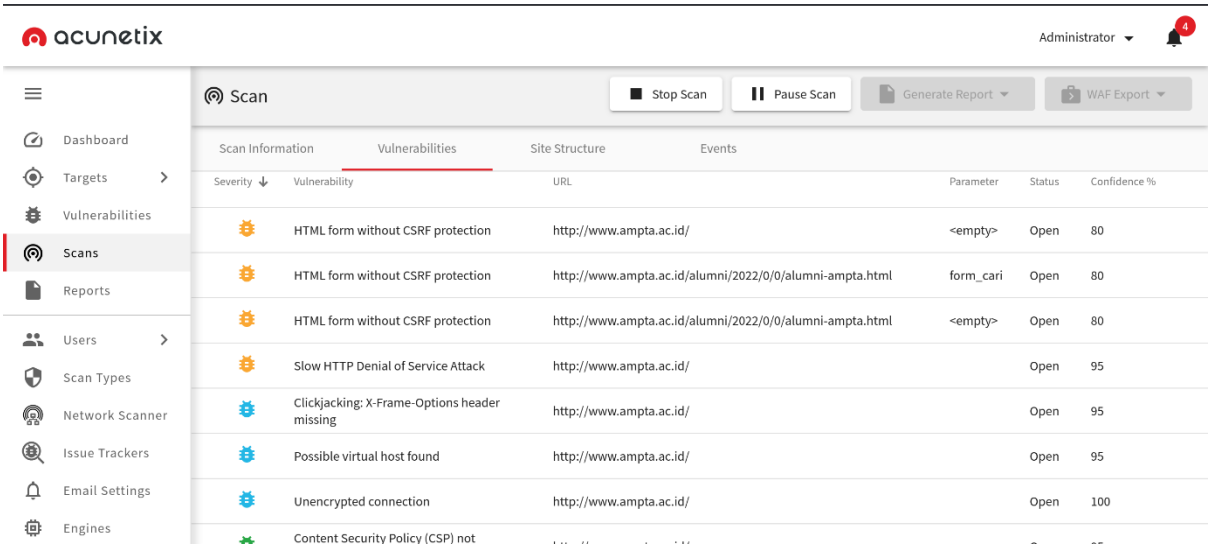
Port	service	step-hacking
21	ftp	MSF
25	smtp	Nmap dan Smtp-user-enum tools
80	http	nmap, nikto dan cadaver
110	pop3	capa
143	imap	imap bruteforce
443	https	
465	smtps	
587	submission	
993	imaps	
995	pop3s	

2.2. mencari vulnerabilities dari acunetix









Setelah discan, terdapat vulnerabilities level 3, high level, yaitu cross site scripting (XSS). XSS ini adalah eksploitasi keamanan dimana penyerang menempatkan malicious client-end code ke laman web. Biasanya menggunakan script php.
Terdapat vurnerabilities level 2, medium level, yaitu directory listing. Cara hackingnya yaitu menggunakan dirbuster.