TECHICHE DI SCANSIONE CON #NMAP. TARGET:

#WINDONS7

MODIFICARE LE IMPOSTAZIONI IN MODO CHE LE DUE MACCHI-NE SIANO SULLA STESSA RETE. PRODURRE UN REPORT CONTENENTE LE SEGUENTI INFO:

- IP ADDRESS
- SISTEMA OPERATIVO
- PORTE APERTE
- SERVIZI IN ASCOLTO CON VERSIONE
- DESCRIZIONE DEI SERVIZI

(https://www-poftut.com/nmap-output) (nmap -oN report1 IP)

SI RICHIEDE DI EFFETTUARE LE SEGUENTI SCANSIONI SUL TARGET METASPLOITABLE:

- OS FINGERPRINT
- SYN SCAN
- VERSION DETECTION

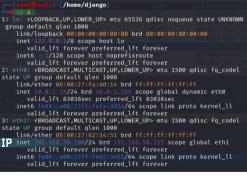
RAGIONE PER SPIEGARE IL RISULTATO OTTENUTO DALLA SCANSIONE SULLA MACCHINA WINDOWS 7? CHE TIPO DI SOLUZIONE POTRESTE PROPORRE PER CONTINUARE LE SCANSIONI?

AL FINE DELL'ESERCIZIO SERVE CHE LE DUE MACCHINE (KALI E

QUESITO EXTRA: QUALE POTREBBE ESSERE UNA VALIDA

WINDOWS?) SIANO SULLA STESSA RETE, CONTROLLO QUINDI CON IPCONFIG DA COMMAND PROMPT CHE L'IP DI WINDOWS? SIA 192.168.50.102, MENTRE QUELLO DI KALI LINUX RESTA 192.168.50.100. RIAVVIO IL SERVIZIO NETWORKING SU KALI CON SUDO SERVICE NETWORKING RESTART PER SICUREZZA.

#IP ADDRESS E VERSIONE OS KALI LINUX:



PRETTY NAME-"Kail GNU/Linux Rolling"
WANE-"Kail GNU/Linux Rolling"
VERSION_1D-"2023.3"
VERSION_2023.3"
VERSION_2023.3"
VERSION_2023.3"
VERSION_2023.3"
VERSION_2023.3"
VERSION_2023.3"
VERSION_2023.3"
VERSION_2024.8"
NOME_UBL-"https://bww.kall.org/"
BUG_REPORT_UBL-"https://bws.kali.org/"
BUG_REPORT_UBL-"https://bws.kali.org/"
BUG_REPORT_UBL-"https://bws.kali.org/"
BUG_REPORT_UBL-"https://bws.kali.org/"
VERSION_2023.3"
VERSION_2023.3"
VERSION_2023.3"
VERSION_2026MAME-kali-rolling
ID-kall
IDLUKEL-"https://bws.kali.org/"
BUG_REPORT_UBL-"https://bws.kali.org/"
BUG_REPORT_UBL-"https://bws.kali.org/"
BUG_REPORT_UBL-"https://bws.kali.org/"
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#IP ADDRESS WINDOWS7 + PING VERSO KALI:

Command Prompt

#REPORT SULLE MACCHINE:

- ifconfig O ip -o PER VEDERE IP/MAC ADDRESS DELLE MACCHINE LINUX / ipconfig SUL PROMPT COMANDI PER WINDOWS? (NELLE IMG PRECEDENTI)
- ESEGUO UN OS FINGERPRINT CON NMAP PER CONOSCERE IL SISTEMA OPERATIVO (nmop -0 <IP>)
- ESEGUO UNO STEALTH SCAN E UNO CON VERSION **DETECTION CON NMAP PER IDENTIFICARE LE PORTE** APERTE, IL SERVIZIO IN ASCOLTO ASSOCIATO E LA SUA UERSIONE (nmap -sS <IP> / nmap -sV <IP>)

```
10(1)=[/monme/mjango]
102.108.50.102
/mmap 7.94 ( https://mmap.org ) at 2024-01-23 10:38 EST
report for 192.168.50.102
) (0.00086s latency).
2010 (0.00086s latency).
2010 (0.00086s latency).
2010 filtered tcp ports (no-response)
2011 filtered tcp ports (no-response)
2012 filtered tcp ports (no-response)
2013 filtered tcp ports (no-response)
2013 filtered tcp ports (no-response)
2014 filtered tcp ports (no-response)
2015 filtered tcp ports (no-response)
2016 filtered tcp ports (no-response)
2016 filtered tcp ports (no-response)
2017 filtered tcp ports (no-response)
2018 filtered tcp ports (no-res
                                                               e:/h:allen-bradley:micrologix_1100 cpe:/h:atcom:at-320 cpe:/o:microsoft:windows_7 cpe:/o:micro
cpe:/o:microsoft:windows cpe:/o:microsoft:windows_xp::sp3 cpe:/o:microsoft:windows_server_2012
olyuor
                 detection performed. Please report any incorrect results at https://nmap.org/submit/ .
up done: 1 IP address (1 host up) scanned in 22.27 seconds
(mont@lkal) -[/home/django]

# ping 192.168.50.102

PING 192.168.50.102 (192.168.50.102) 56(84) bytes of data.
64 bytes from 192.168.50.102: icmp_seq=1 ttl=128 time=0.921 ms
64 bytes from 192.168.50.102: icmp_seq=2 ttl=128 time=1.27 ms
64 bytes from 192.168.50.102: icmp_seq=2 ttl=128 time=1.27 ms
 — 192.168.50.102 ping statistics —
2 packets transmitted, 2 received, 0% packet loss, time 1001ms
rtt min/avg/max/mdev = 0.921/1.094/1.267/0.173 ms
(roote kel:)-[/home/django]
nmap -sV 192.168.50.102
Starting Nmap 7.94 ( https://nmap.org ) at 2024-01-23 10:34 EST
Nmap scan report for 192.168.50.102
Host is up (0.00059s latency).
All 1000 scanned ports on 192.168.50.102 are in ignored states.
Not shown: 1000 filtered tcp ports (no-response)
MAC Address: 08:00:27:D3:39:4A (Oracle VirtualBox virtual NIC)
```

Service detection performed. Please report any incorrect results at https://nmap.org/submit Nmap done: 1 IP address (1 host up) scanned in 21.83 seconds

(10016 Meli) - [/home/django]

In map -55 192.168.50.102

Starting Nmap 7.94 (https://nmap.org) at 2024-01-23 10:35 EST
Nmap scan report for 192.168.50.102

Host is up (0.00048s latency).
All 1000 scanned ports on 192.168.50.102 are in ignored states.
Not shown: 1000 filtered tcp ports (no-response)

MAC Address: 08:00:27:D3:39:4A (Oracle VirtualBox virtual NIC)

IL REPORT DELLA SCANSIONE OS FINGERPRINTING CON LO SWITCH - O HA RESTITUITO COME RISULTATO I SISTEMI OPERATIVI PIÙ PROBABILI ANALIZZANDO I PACCHETTI DI RISPOSTA RICEVUTI DAL TARGET, STIMANDO CHE L'OS TARGET SIA PROBABILMENTE WINDOWS (7, EMBEDDED STANDARD 7, 8.1 UPDATE 1, XP SP3, SERVER 2012) O ALTRO. POSSIAMO PERÒ NOTARE DALLO SCAN CHE SU 1000 PORTE ANALIZZATE, 1000 SONO FILTRATE. QUESTO A CAUSA DI UNA PROTEZIONE CHE SAPPIAMO ESSERE IL FIREWALL DI WINDOWS. BISOGNA QUINDI ELUDERE IL FIREWALL CON TECNICHE SPECI-FICHE, COME AD ESEMPIO CONFIGURARE PER L'INVIO DEI PACCHETTI UNA PORTA SORGENTE NOTA (AD ES. HTTP-80 o HTTPS-443) CON IL COMANDO --source-port 80 (oppure 443) IN MODO TALE CHE IL FIREWALL RITENGA IL TRAFFICO NON

SOSPETTO. SI PUÒ ANCHE INTERVENIRE SUL FIREWALL DI WINDOWS7 STESSO, CREANDO/MODIFICANDO REGOLE INBOUND PER PERMETTERE IL TRAFFICO DALLA MACCHINA KALI. INFATTI

```
kRhown
!27:103:39:4A (Oracle VirtualBox virtual NIC)
ral purpose
! Windows 7/2008|8.1
crosoft:windows_7:- cpe:/o:microsoft:windows_7::spl cpe:/o:microsoft:windows_server_
soft:windows_server_2008:r2 cpe:/o:microsoft:windows_8 cpe:/o:microsoft:windows_8.1
soft Windows 7 SP0 - SP1, Windows Server 2008 SP1, Windows Server 2008 R2, Windows 8, 1
```

tection performed. Please report any incorrect results at https://nmap.org/submit/ . done: 1 IP address (1 host up) scanned in 2.81 seconds

```
(django® kali)-[~]

sudo su
[sudo] password for django:
[root@ kali)-[/home/django]
[mmap -55 192.168.50.102

Starting Nmap 7.94 ( https://nmap.org ) at 2024-01-23 15:08 EST
Nmap scan report for 192.168.50.102
Host is up (0.000609 latency).
Not shown: 991 closed tcp ports (reset)
PORT STATE SERVICE
135/tcp open msrpc
139/tcp open msrpc
139/tcp open netbios-ssn
445/tcp open unknown
49153/tcp open unknown
49154/tcp open unknown
49154/tcp open unknown
         nap done: 1 IP address (1 host up) scanned in 1.54 seconds
```

```
(wat @ kell ) = [/home/django]

nmap -sV 192.168.50.102

Starting Nmap 7.94 ( https://nmap.org ) at 2024-01-23 15:09 EST
Nmap scan report for 192.168.50.102

Host is up (0.00072s latency).
Not shown: 991 closed tcp ports (reset)
PORT STATE SERVICE VERSION
135/tcp open msrpc Microsoft Windows RPC
139/tcp open microsoft-ds Microsoft Windows RPC
49153/tcp open microsoft-ds Microsoft Windows RPC
49153/tcp open msrpc Microsoft Windows RPC
49153/tcp open msrpc Microsoft Windows RPC
49153/tcp open msrpc Microsoft Windows RPC
49155/tcp open msrpc Microsoft Windows RPC
49157/tcp open msrpc Microsoft Windows RPC
MAC Address: 08:00:27:03:39:4A (Oracle VirtualBox virtual NIC)
MAC Address: 08:00:27:03:39:4A (Oracle VirtualBox virtual NIC)
```