

72_utilidades_monitorizar_red

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Introducción

En este trabajo mostraré como emplear las utilidades para escanear la red gratuitas que nos encontramos en el directorio.

D:\nombreusuario\iso\7.Supervision do rendemento do sistema\72 utilidades de red

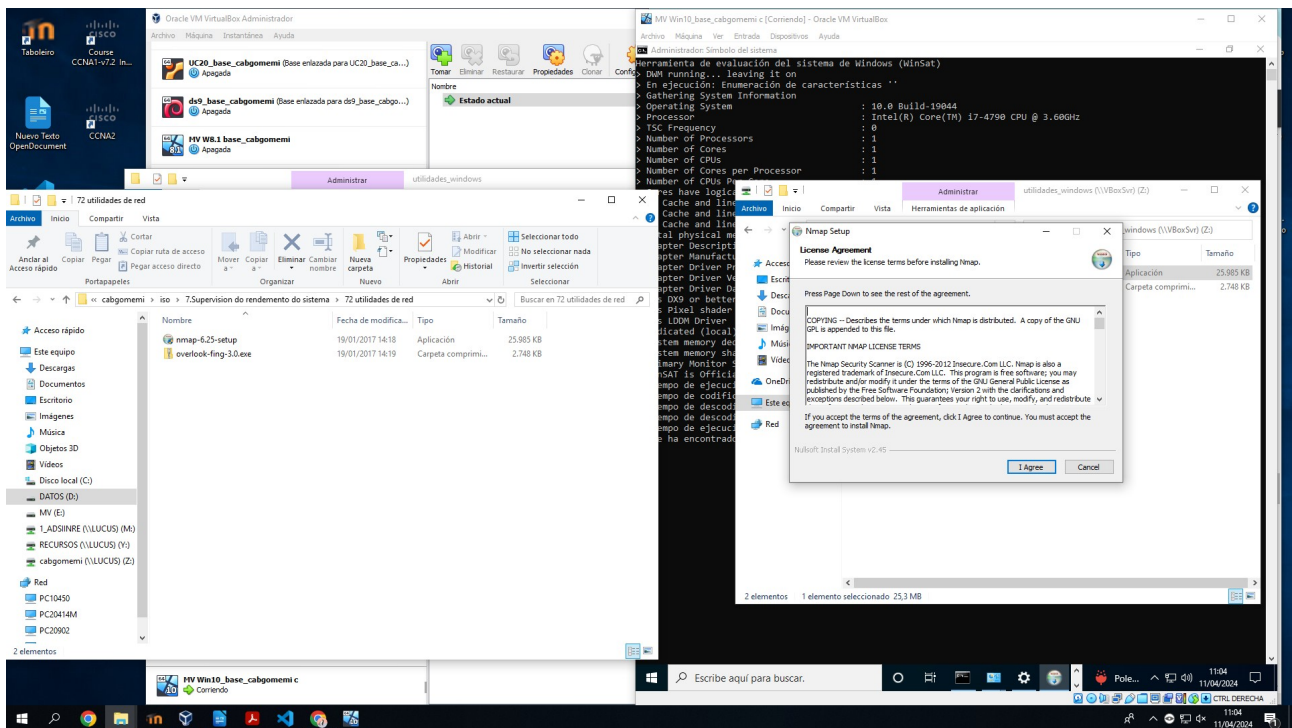
En concreto explicaré las:

- **nmap**
- **overlook**

Para ello utilizaremos un clon enlazado de una máquina **Windows 10** creada previamente.

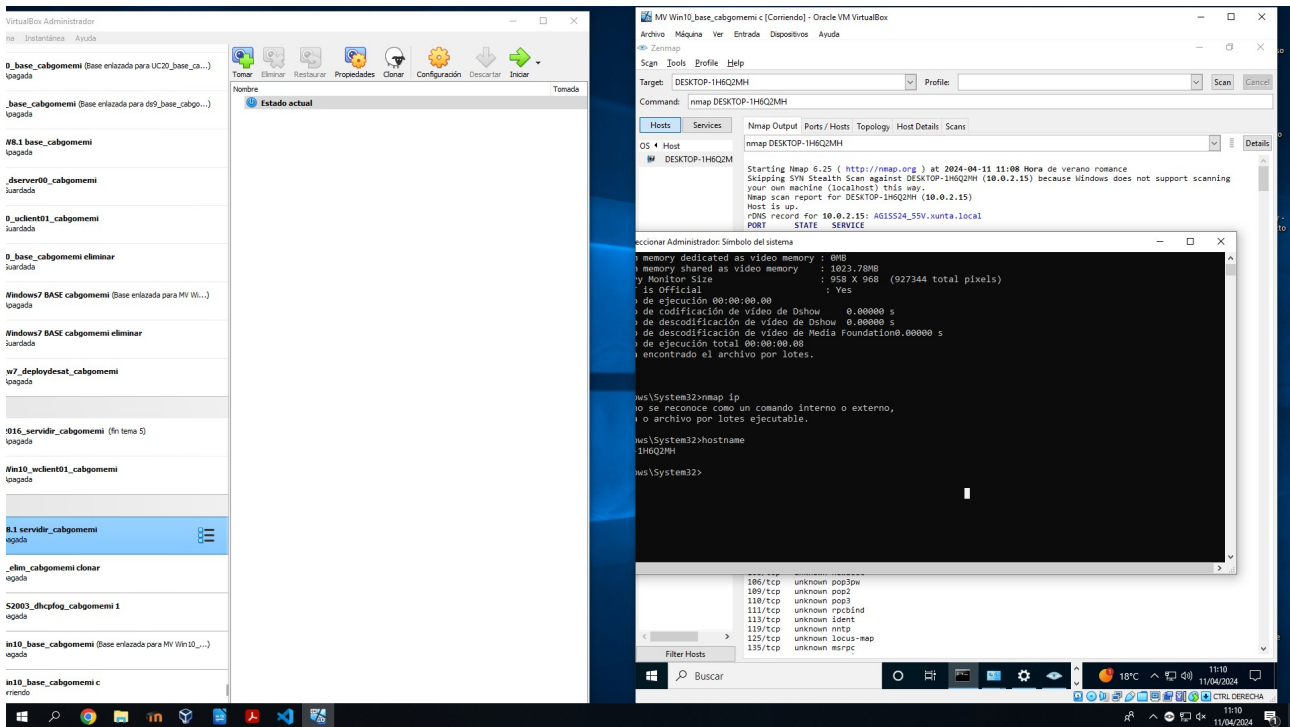
1. NMAP

Instalamos la herramienta en nuestra máquina Windows 10

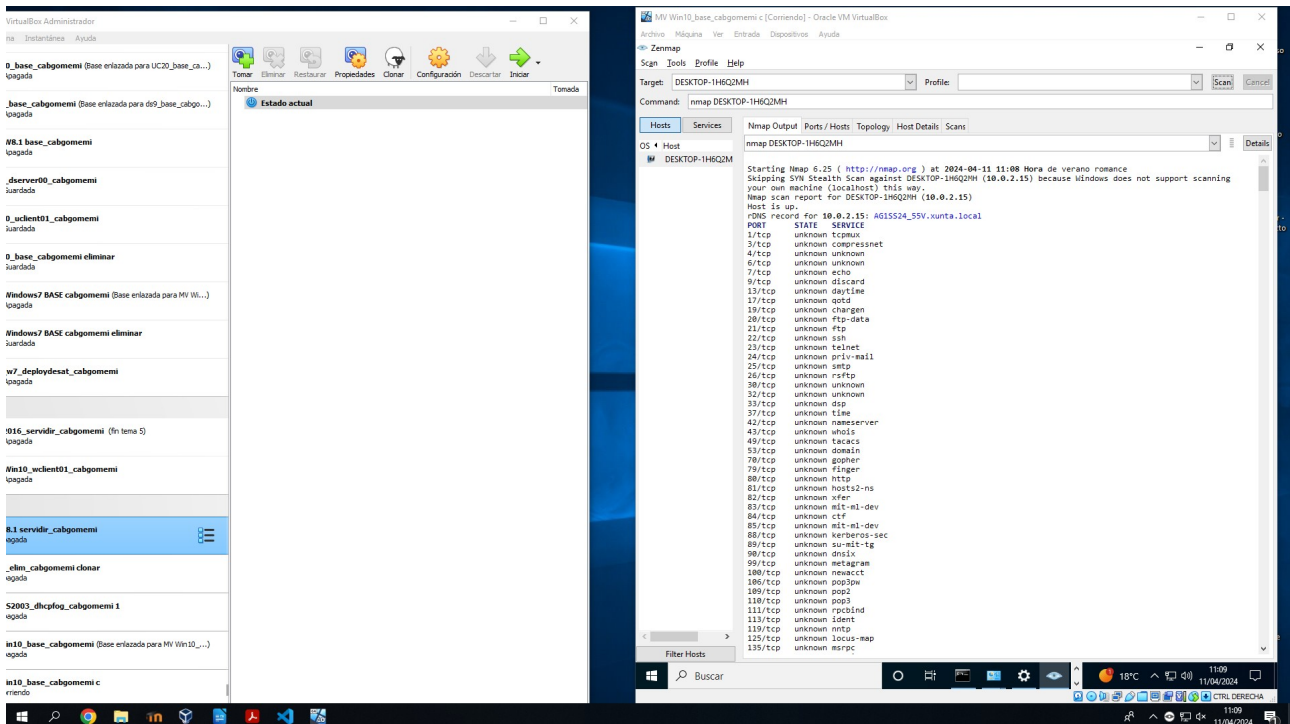


Miramos el hostname de nuestro equipo para poder escanearlo.

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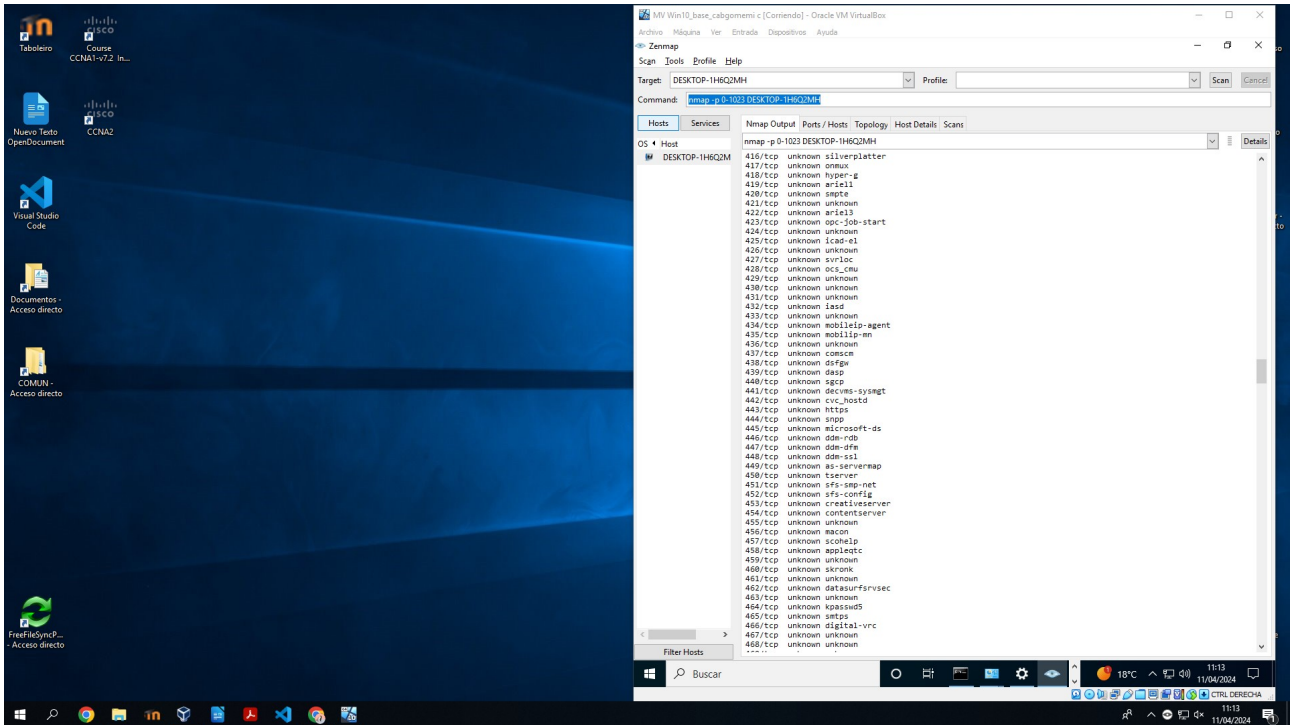


Ejecutamos el comando **nmap hostname** → Escaneo de puertos al equipo que pongamos.

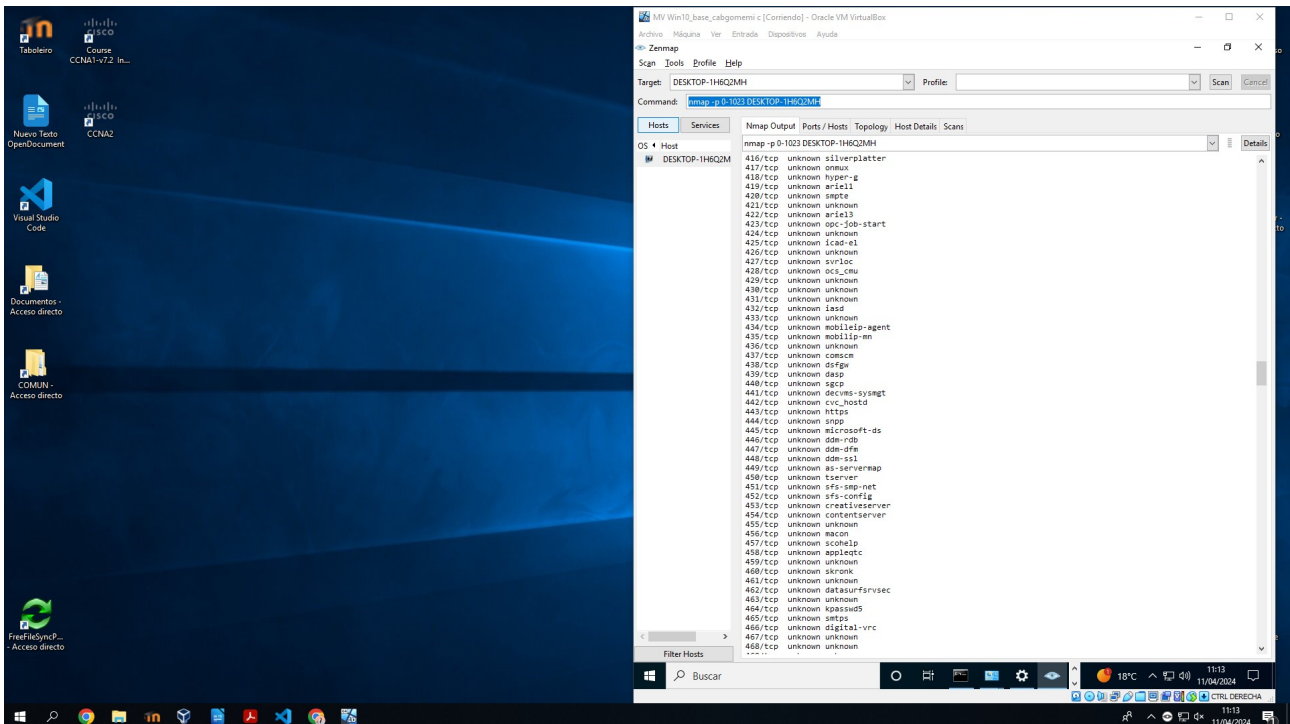


Realizamos un escaneo del rango de puertos privados **nmap -p 0-1023 DESKTOP-1H6Q2MH**

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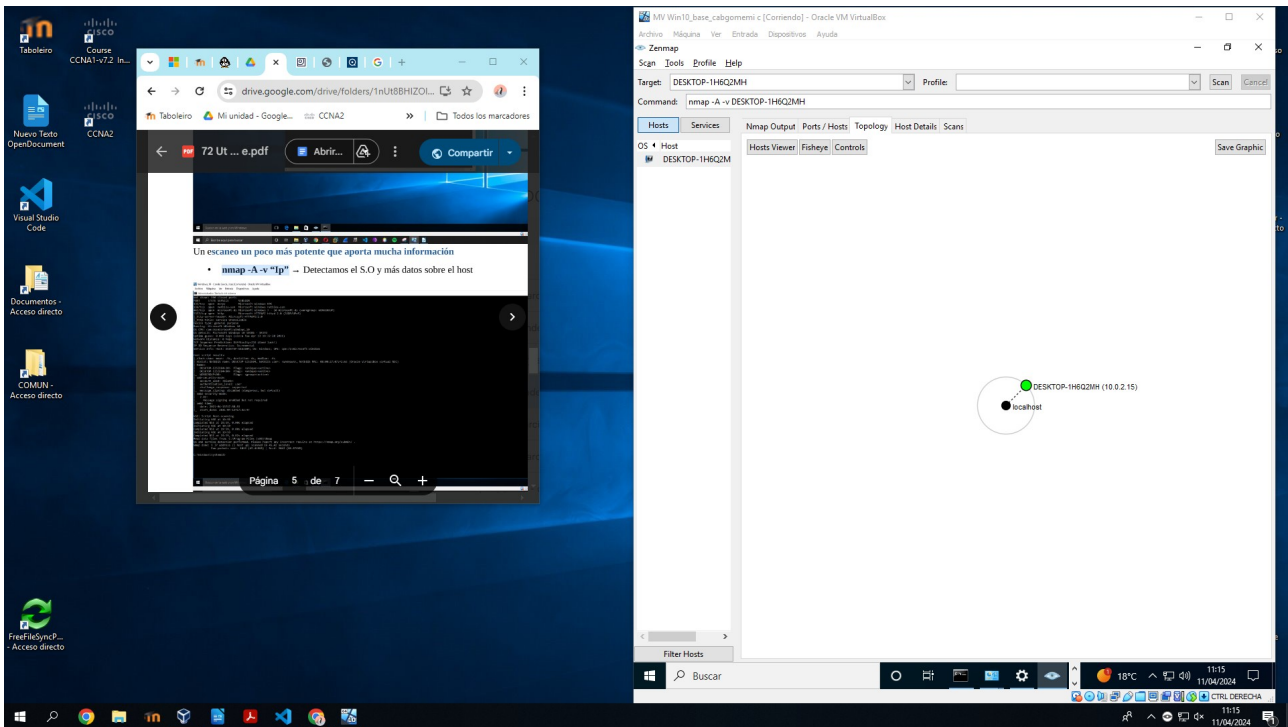


Realizamos un escaneo potente **nmap -A -v "Ip"**

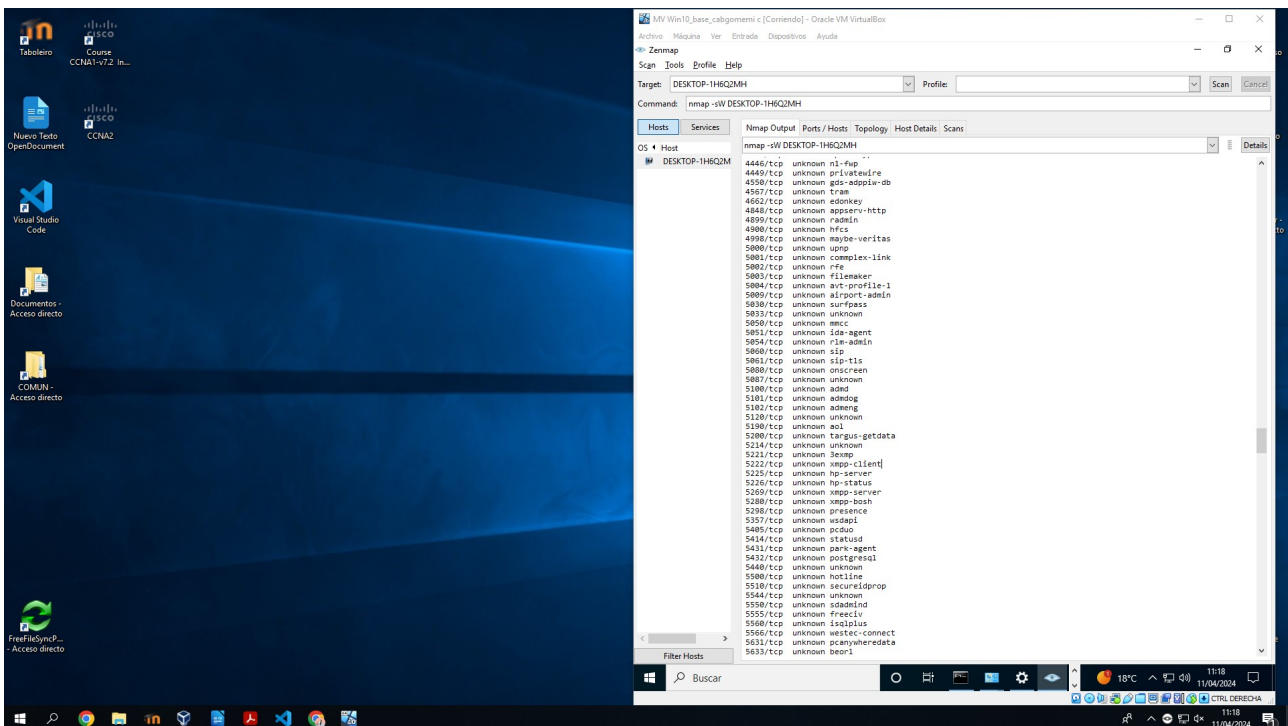


Vemos el mapeo de la red que nos ofrece.

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Realizamos un Window Scan. **-sW (TCP Window scan)**

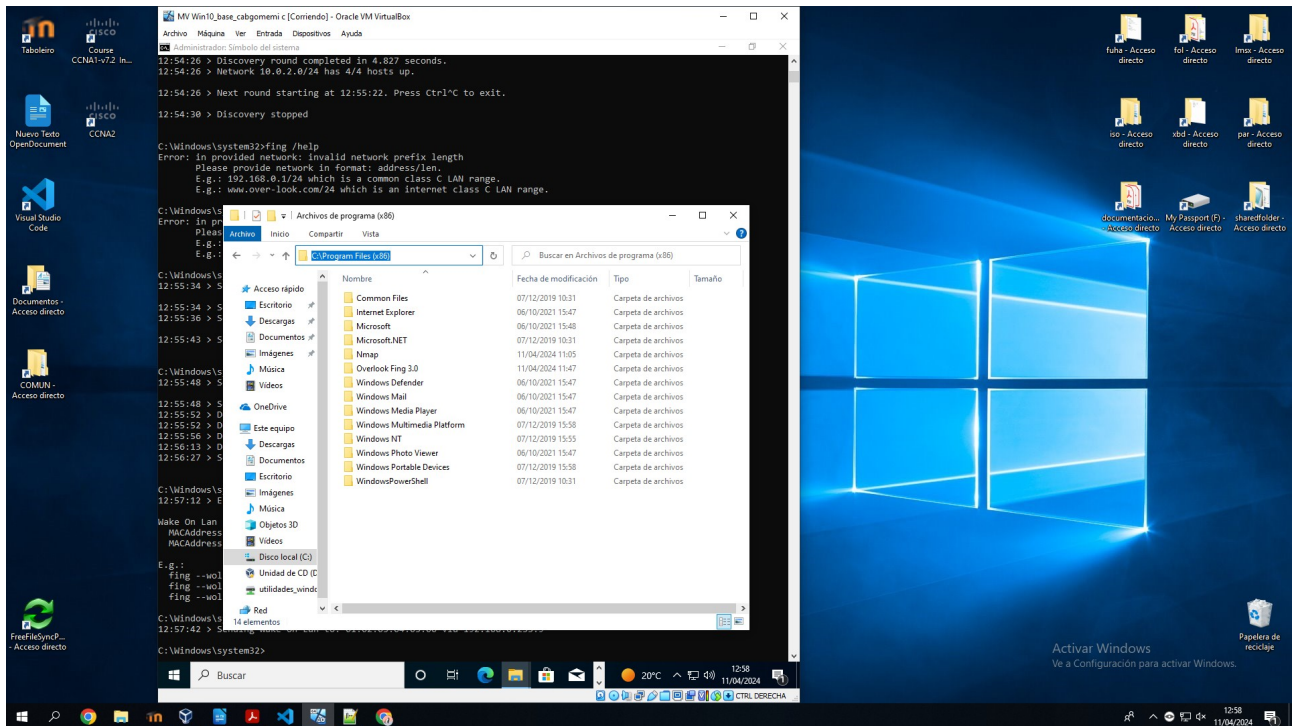


2. Overlook

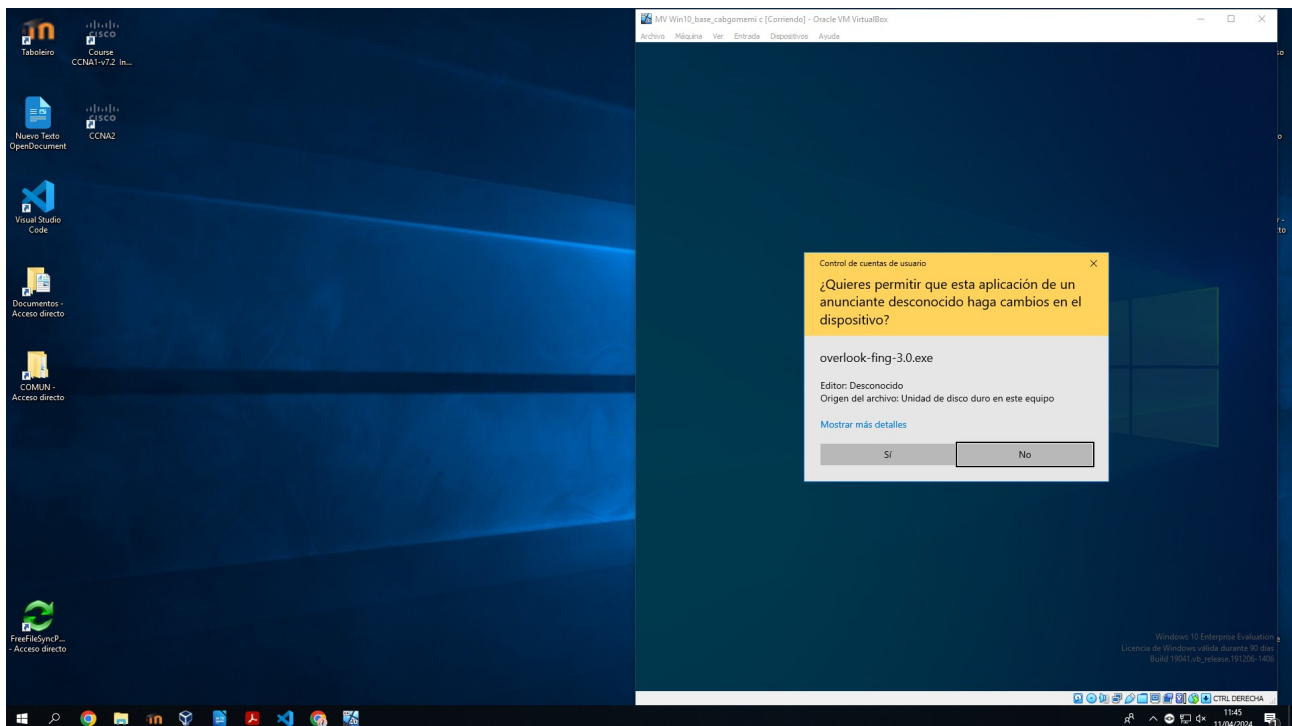
Extraemos los archivos encontrados en el directorio del trabajo.

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Los introducimos en el disco local c:

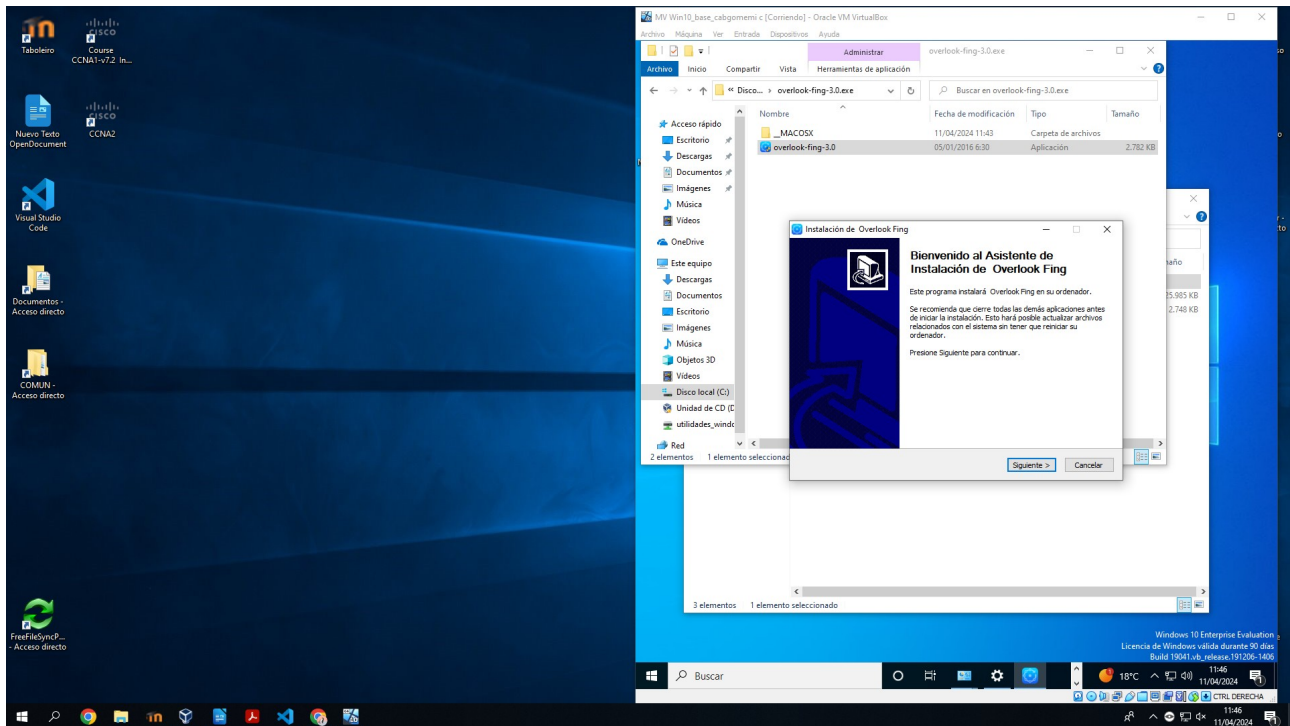


Permitimos que el programa realice cambios en el equipo.



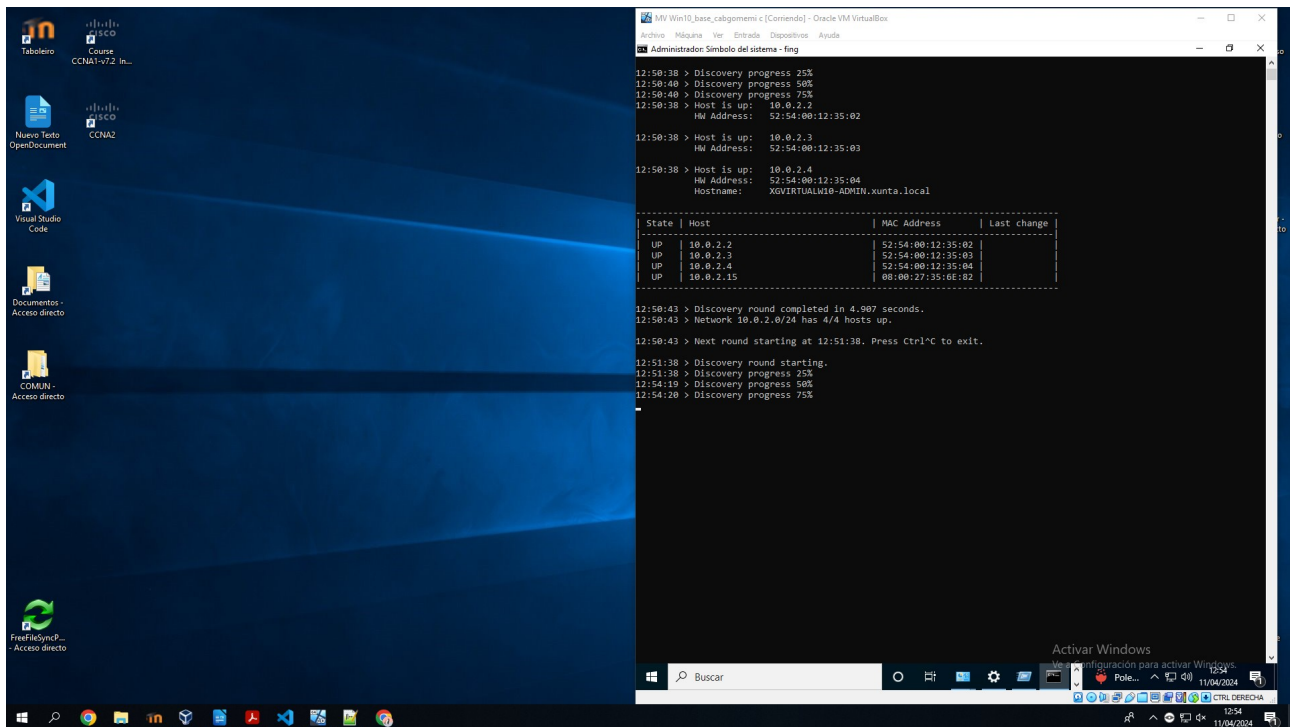
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Comenzamos la instalación.

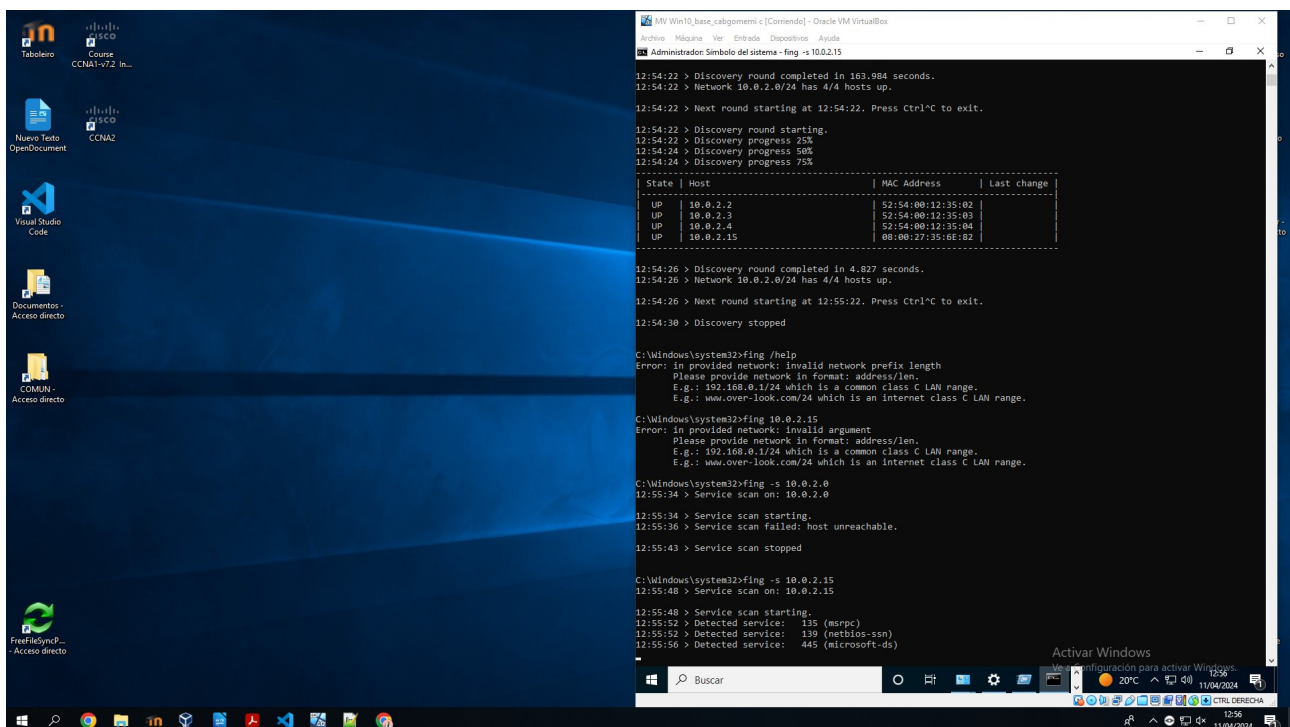


2.1 Escaneo de la red mediante fmg

Para realizar un escaneo de la red ejecutamos el comando **fmg**

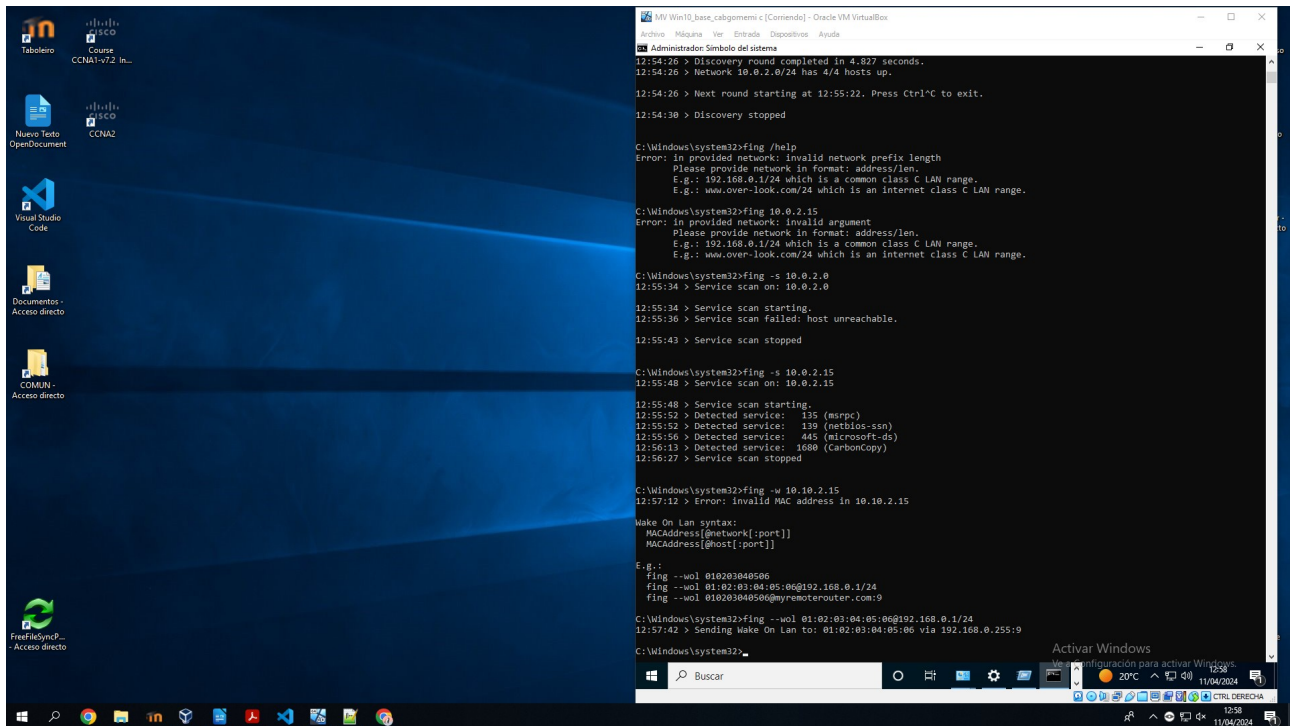


Para realizar un escaneo de la red para ver los **servicios que están activos** ejecutamos el comando **sudo fmg -s direccionip**



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Para enviar un paquete mágico de WOL → **ping --wol 01:02:03:04:05:06@192.168.0.1/24**



```
Administrator: Símbolo del sistema
12:54:26 > Discovery round completed in 4.827 seconds.
12:54:26 > Network 10.0.2.0/24 has 4/4 hosts up.
12:54:26 > Next round starting at 12:55:22. Press Ctrl+C to exit.
12:54:30 > Discovery stopped

C:\Windows\system32>ping /help
Error: in provided network: Invalid network prefix length
Please provide network in format: address/len.
E.g.: 192.168.0.1/24 which is a common class C LAN range.
E.g.: www.over-look.com/24 which is an internet class C LAN range.

C:\Windows\system32>ping 10.0.2.15
Error: in provided network: Invalid argument
Please provide network in format: address/len.
E.g.: 192.168.0.1/24 which is a common class C LAN range.
E.g.: www.over-look.com/24 which is an internet class C LAN range.

C:\Windows\system32>ping -s 10.0.2.0
12:55:34 > Service scan on: 10.0.2.0
12:55:34 > Service scan starting.
12:55:36 > Service scan failed: host unreachable.
12:55:43 > Service scan stopped

C:\Windows\system32>ping -s 10.0.2.15
12:55:48 > Service scan on: 10.0.2.15
12:55:48 > Service scan starting.
12:55:52 > Detected service: 135 (msrpc)
12:55:52 > Detected service: 139 (netbios-ssn)
12:55:56 > Detected service: 445 (microsoft-ds)
12:56:13 > Detected service: 1680 (CarbonCopy)
12:56:27 > Service scan stopped

C:\Windows\system32>ping -w 10.10.2.15
12:57:12 > Error: Invalid MAC address in 10.10.2.15

Wake On Lan syntax:
MACAddress[@network[:port]]
MACAddress[@host[:port]]

E.g.:
ping --wol 01:02:03:04:05:06
ping --wol 01:02:03:04:05:06@192.168.0.1/24
ping --wol 01:02:03:04:05:06@myrouter.com:9

C:\Windows\system32>ping --wol 01:02:03:04:05:06@192.168.0.1/24
12:57:42 > Sending Wake On Lan to: 01:02:03:04:05:06 via 192.168.0.255:9

C:\Windows\system32>
```