

Pingme

Pingme.

  created by  rpj7

 **Release Date** // 2022-03-09

 **MD5** // `6c0a081fc5317fc5d29a3734f5e169c3`

 **Root** // 117

 **User** // 122

 **Notes** //

A theme based CTF.

Download 

Reviews

Congratz migue1985 you pwned it!



```
(root@kali)-[/home/guel]
# nmap -sS -p- -Pn -n -vvv --min-rate 5000 192.168.0.28
Starting Nmap 7.95 ( https://nmap.org ) at 2025-03-27 17:14
Initiating ARP Ping Scan at 17:14
Scanning 192.168.0.28 [1 port]
Completed ARP Ping Scan at 17:14, 0.09s elapsed (1 total hosts)
Initiating SYN Stealth Scan at 17:14
Scanning 192.168.0.28 [65535 ports]
Discovered open port 22/tcp on 192.168.0.28
Discovered open port 80/tcp on 192.168.0.28
Increasing send delay for 192.168.0.28 from 0 to 5 due to 70 resets
Increasing send delay for 192.168.0.28 from 5 to 10 due to 20 resets
Increasing send delay for 192.168.0.28 from 10 to 20 due to 10 resets
Increasing send delay for 192.168.0.28 from 20 to 40 due to 10 resets
Increasing send delay for 192.168.0.28 from 40 to 80 due to 10 resets
Increasing send delay for 192.168.0.28 from 80 to 160 due to 10 resets
Increasing send delay for 192.168.0.28 from 160 to 320 due to 10 resets
Completed SYN Stealth Scan at 17:15, 75.96s elapsed (65535 total ports)
Nmap scan report for 192.168.0.28
Host is up, received arp-response (0.0019s latency).
Scanned at 2025-03-27 17:14:33 EDT for 76s
Not shown: 65533 closed tcp ports (reset)
PORT      STATE SERVICE REASON
22/tcp    open  ssh     syn-ack ttl 64
80/tcp    open  http    syn-ack ttl 64
```

```
(root@kali)-[/opt]
# nmap -sCV -p22,80 -Pn -n -vvv --min-rate 5000 192.168.0.28
Starting Nmap 7.95 ( https://nmap.org ) at 2025-03-27 17:54 EDT
NSE: Loaded 157 scripts for scanning
```

```
PORT      STATE SERVICE REASON          VERSION
22/tcp    open  ssh     syn-ack ttl 64 OpenSSH 8.4p1 Debian 5 (protocol 2.0)
|_ ssh-hostkey:
|   3072 1f:e7:c0:44:2a:9c:ed:91:ca:dd:46:b7:b3:3f:42:4b (RSA)
|_ ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQGCwJ0t7xt4q2wpVC0KgC1K9YNtFqBhKYgowBlytZ3jHw1d3jSN1IGYQCuphseWfPLv
iDuIagI36WgqtqeS148Q+r2tfGIbaX9Nf5p0nABUUVFohmyYV0EiUn5qkQtaS+/ihbA9Ej6NFmJIO3LEjjORqVVHQb6xUn1//aFg20wpw
LhsE79YqGYhTm9GT5RUiBQqqQ01aJZ/Btu5ndMvYXpFqHedWLijBp+5T9h6EQkBHZEehZ/vOK9H7I/oPdEbANS19UxbJ7zkhqA4Ioz9nI
mfy3Td0o8YxyUuQ0ApSYa7DNeYtPBcGDwon4kymbeVp+RDepHWeQX4g/DCOGwQLQ00YLje+9xLY9sxY4EM=
|   256 e3:ce:72:cb:50:48:a1:2c:79:94:62:53:8b:61:0d:23 (ECDSA)
|_ ecdsa-sha2-nistp256 AAAAE2VjZHNhLXNoYTItbmlzdHAyNTYAAAAIbmlzdHAyNTYAAABBBHB7/bjb9kPWJ5xN+crI26PeZBBT/Q7
RK98=
|   256 53:84:2c:86:21:b6:e6:1a:89:97:98:cc:27:00:0c:b0 (ED25519)
|_ ssh-ed25519 AAAAC3NzaC1lZDI1NTE5AAAAIGRe050XdPyPKtzEMvAlpJWIIMKof2oHrD1X5xXJkrng
80/tcp    open  http    syn-ack ttl 64 nginx 1.18.0
|_ http-title: Ping test
|_ http-server-header: nginx/1.18.0
|_ http-methods:
|_ Supported Methods: GET HEAD POST
MAC Address: 08:00:27:08:A8:AD (PCS Systemtechnik/Oracle VirtualBox virtual NIC)
Service Info: OS: Linux; CPE: cpe:/o:linux:linux_kernel
```

```
(root@kali)-[/opt]
# whatweb 192.168.0.28
http://192.168.0.28 [200 OK] Country[RESERVED][ZZ], HTML5, HTTPServer[nginx/1.18.0], IP[192.168.0.28], Title[Ping test], nginx[1.18.0]
```

ip.src=192.168.0.28

No.	Time	Source	Destination	Protocol	Length	Info
53	2.354611321	192.168.0.28	192.168.0.36	TCP	66	80 → 47460 [ACK] Seq=1 Ack=333 Win=501 Len=0 TSval=2151569257 TSecr=2161365859
54	2.373121245	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0x0183, seq=1/256, ttl=64 (reply in 55)
59	2.888249726	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0x5c54, seq=1/256, ttl=64 (reply in 60)
65	3.406540646	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0xf036, seq=1/256, ttl=64 (reply in 66)
69	3.923779728	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0x039b, seq=1/256, ttl=64 (reply in 70)
71	3.928193224	192.168.0.28	192.168.0.36	HTTP	891	HTTP/1.1 200 OK (text/html)
80	4.753581458	192.168.0.28	192.168.0.36	TCP	66	80 → 47460 [ACK] Seq=826 Ack=665 Win=501 Len=0 TSval=2151571657 TSecr=2161367458
81	4.768478005	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0x475a, seq=1/256, ttl=64 (reply in 82)
86	5.282451080	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0xd0a9, seq=1/256, ttl=64 (reply in 87)
101	5.801748745	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0xf94b, seq=1/256, ttl=64 (reply in 102)
113	6.328808135	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0xb990, seq=1/256, ttl=64 (reply in 114)
115	6.324831114	192.168.0.28	192.168.0.36	HTTP	889	HTTP/1.1 200 OK (text/html)

Frame 54: 98 bytes on wire (784 bits), 98 bytes captured (784 bits) on interface eth0, id 0
 Ethernet II, Src: PCSSystemtec_08:a8:ad (08:00:27:08:a8:ad), Dst: PCSSystemtec_24:e9:74 (08:00:27:08:e9:74)
 Internet Protocol Version 4, Src: 192.168.0.28, Dst: 192.168.0.36
 Internet Control Message Protocol

0000 08 00 27 24 e9 74 08 00 27 08 a8 ad 08 00 45 00 ...\$ t...E...
 0010 00 54 28 af 40 00 40 01 90 69 c0 a8 00 1c c0 a8 ...T...
 0020 00 24 08 00 a8 06 01 03 00 01 21 d3 e5 67 00 00 ...\$...g...
 0030 00 00 8c 61 06 00 00 00 00 65 0a 75 73 65 72 ...a...e user
 0040 6e 61 6d 65 0a 75 73 65 72 6e 61 6d 65 0a 75 73 ...name use rname us
 0050 65 72 6e 61 6d 65 0a 75 73 65 72 6e 61 6d 65 0a ...ername u sername
 0060 75 73 ...us

ip.src=192.168.0.28

No.	Time	Source	Destination	Protocol	Length	Info
53	2.354611321	192.168.0.28	192.168.0.36	TCP	66	80 → 47460 [ACK] Seq=1 Ack=333 Win=501 Len=0 TSval=2151569257 TSecr=2161365859
54	2.373121245	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0x0183, seq=1/256, ttl=64 (reply in 55)
59	2.888249726	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0x5c54, seq=1/256, ttl=64 (reply in 60)
65	3.406540646	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0xf036, seq=1/256, ttl=64 (reply in 66)
69	3.923779728	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0x039b, seq=1/256, ttl=64 (reply in 70)
71	3.928193224	192.168.0.28	192.168.0.36	HTTP	891	HTTP/1.1 200 OK (text/html)
80	4.753581458	192.168.0.28	192.168.0.36	TCP	66	80 → 47460 [ACK] Seq=826 Ack=665 Win=501 Len=0 TSval=2151571657 TSecr=2161367458
81	4.768478005	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0x475a, seq=1/256, ttl=64 (reply in 82)
86	5.282451080	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0xd0a9, seq=1/256, ttl=64 (reply in 87)
101	5.801748745	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0xf94b, seq=1/256, ttl=64 (reply in 102)
113	6.328808135	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0xb990, seq=1/256, ttl=64 (reply in 114)
115	6.324831114	192.168.0.28	192.168.0.36	HTTP	889	HTTP/1.1 200 OK (text/html)

Frame 59: 98 bytes on wire (784 bits), 98 bytes captured (784 bits) on interface eth0, id 0
 Ethernet II, Src: PCSSystemtec_08:a8:ad (08:00:27:08:a8:ad), Dst: PCSSystemtec_24:e9:74 (08:00:27:08:e9:74)
 Internet Protocol Version 4, Src: 192.168.0.28, Dst: 192.168.0.36
 Internet Control Message Protocol

0000 08 00 27 24 e9 74 08 00 27 08 a8 ad 08 00 45 00 ...\$ t...E...
 0010 00 54 28 c7 40 00 40 01 90 51 c0 a8 00 1c c0 a8 ...T...
 0020 00 24 08 00 00 d0 5c 54 00 01 21 d3 e5 67 00 00 ...\$...g...
 0030 00 00 41 54 0e 00 00 00 00 6e 67 65 72 0a 70 ...AT...nger p
 0040 69 6e 67 65 72 0a 70 69 6e 67 65 72 0a 70 69 6e ...inger pi nger pin
 0050 67 65 72 0a 70 69 6e 67 65 72 0a 70 69 6e 67 65 ...ger ping er ping
 0060 72 0a ...r

ip.src=192.168.0.28

No.	Time	Source	Destination	Protocol	Length	Info
53	2.354611321	192.168.0.28	192.168.0.36	TCP	66	80 → 47460 [ACK] Seq=1 Ack=333 Win=501 Len=0 TSval=2151569257 TSecr=2161365059
54	2.373121245	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0x0103, seq=1/256, ttl=64 (reply in 65)
59	2.888249726	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0x5c54, seq=1/256, ttl=64 (reply in 60)
65	3.406540646	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0xf836, seq=1/256, ttl=64 (reply in 66)
69	3.923779728	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0x030b, seq=1/256, ttl=64 (reply in 70)
71	3.928103224	192.168.0.28	192.168.0.36	HTTP	891	HTTP/1.1 200 OK (text/html)
80	4.753581458	192.168.0.28	192.168.0.36	TCP	66	80 → 47460 [ACK] Seq=826 Ack=665 Win=501 Len=0 TSval=2151571657 TSecr=2161367458
81	4.768478005	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0x475a, seq=1/256, ttl=64 (reply in 82)
86	5.282451080	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0xdda9, seq=1/256, ttl=64 (reply in 87)
101	5.801748745	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0xf94b, seq=1/256, ttl=64 (reply in 102)
113	6.320808135	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0x6090, seq=1/256, ttl=64 (reply in 114)
115	6.324831114	192.168.0.28	192.168.0.36	HTTP	889	HTTP/1.1 200 OK (text/html)

Frame 65: 98 bytes on wire (784 bits), 98 bytes captured (784 bits) on interface eth0, id 0
 Ethernet II, Src: PCSSystemtec_08:a8:ad (08:00:27:08:a8:ad), Dst: PCSSystemtec_24:e9:74 (08:00:27:08:e9:74)
 Internet Protocol Version 4, Src: 192.168.0.28, Dst: 192.168.0.36
 Internet Control Message Protocol

0000 08 00 27 24 e9 74 08 00 27 08 a8 ad 08 00 45 00 ...\$ t...E
 0010 00 54 29 47 40 00 40 61 8f d1 c9 a8 00 1c c9 a8 ...T) 0 0
 0020 00 24 00 00 5b 25 f9 36 00 01 22 d3 a5 67 00 00 ...S A ...g
 0030 00 00 c8 fa 00 00 00 00 00 00 64 0a 70 61 73 73 ...w ...ingM3 P
 0040 77 6f 72 64 0a 70 61 73 73 77 6f 72 64 0a 70 61 ...ingM3 P PingM3 P
 0050 73 73 77 6f 72 64 0a 70 61 73 73 77 6f 72 64 0a ...M3 PingM3 PingM3
 0060 70 61

word-pas sword pa
 sword p assword-
 pa

wireshark_eth0FUL632.pcapng Packets: 124 · Displayed: 12 (9.7%) · Dropped: 0 (0.0%) · Profile: Default

ip.src=192.168.0.28

No.	Time	Source	Destination	Protocol	Length	Info
53	2.354611321	192.168.0.28	192.168.0.36	TCP	66	80 → 47460 [ACK] Seq=1 Ack=333 Win=501 Len=0 TSval=2151569257 TSecr=2161365059
54	2.373121245	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0x0103, seq=1/256, ttl=64 (reply in 65)
59	2.888249726	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0x5c54, seq=1/256, ttl=64 (reply in 60)
65	3.406540646	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0xf836, seq=1/256, ttl=64 (reply in 66)
69	3.923779728	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0x030b, seq=1/256, ttl=64 (reply in 70)
71	3.928103224	192.168.0.28	192.168.0.36	HTTP	891	HTTP/1.1 200 OK (text/html)
80	4.753581458	192.168.0.28	192.168.0.36	TCP	66	80 → 47460 [ACK] Seq=826 Ack=665 Win=501 Len=0 TSval=2151571657 TSecr=2161367458
81	4.768478005	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0x475a, seq=1/256, ttl=64 (reply in 82)
86	5.282451080	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0xdda9, seq=1/256, ttl=64 (reply in 87)
101	5.801748745	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0xf94b, seq=1/256, ttl=64 (reply in 102)
113	6.320808135	192.168.0.28	192.168.0.36	ICMP	98	Echo (ping) request id=0x6090, seq=1/256, ttl=64 (reply in 114)
115	6.324831114	192.168.0.28	192.168.0.36	HTTP	889	HTTP/1.1 200 OK (text/html)

Frame 69: 98 bytes on wire (784 bits), 98 bytes captured (784 bits) on interface eth0, id 0
 Ethernet II, Src: PCSSystemtec_08:a8:ad (08:00:27:08:a8:ad), Dst: PCSSystemtec_24:e9:74 (08:00:27:08:e9:74)
 Internet Protocol Version 4, Src: 192.168.0.28, Dst: 192.168.0.36
 Internet Control Message Protocol

0000 08 00 27 24 e9 74 08 00 27 08 a8 ad 08 00 45 00 ...\$ t...E
 0010 00 54 29 47 40 00 40 61 8f d1 c9 a8 00 1c c9 a8 ...T) 0 0
 0020 00 24 00 00 41 85 03 0b 00 01 22 d3 a5 67 00 00 ...S A ...g
 0030 00 00 77 df 0e 00 00 00 00 00 6e 67 4d 33 0a 50 ...w ...ingM3 P
 0040 21 6e 67 4d 33 0a 50 21 6e 67 4d 33 0a 50 21 6e ...ingM3 P PingM3 P
 0050 67 4d 33 0a 50 21 6e 67 4d 33 0a 50 21 6e 67 4d ...M3 PingM3 PingM3
 0060 33 0a

3

```

(guel@kali)-[~]
$ ssh pinger@192.168.0.28
The authenticity of host '192.168.0.28 (192.168.0.28)' can't be established.
ED25519 key fingerprint is SHA256:JIHuqj6aE+2bLT+6SnkGKkaR7dRiUscb9FAVVG/h9DU.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '192.168.0.28' (ED25519) to the list of known hosts.
pinger@192.168.0.28's password:
Linux pingme 5.10.0-11-amd64 #1 SMP Debian 5.10.92-1 (2022-01-18) x86_64

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Sat Mar  5 19:21:06 2022 from 10.0.0.10
pinger@pingme:~$ id
uid=1000(pinger) gid=1000(pinger) groups=1000(pinger),24(cdrom),25(floppy),29(audio),30(dip),44(video),
pinger@pingme:~$

```

```

pinger@pingme:~$ sudo -l
Matching Defaults entries for pinger on pingme:
    env_reset, mail_badpass, secure_path=/usr/local/sbin\:/usr/local/bin\:/usr/sbin\:/bin\:/bin

User pinger may run the following commands on pingme:
    (root) NOPASSWD: /usr/local/sbin/sendfilebybing
pinger@pingme:~$ ls
user.txt
pinger@pingme:~$ cat user.txt
HNV{ICMPisSafe}
pinger@pingme:~$

```

```

(root@kali)-[/home/guel/Work]
# wireshark
** (wireshark:124545) 18:36:03.571680 [Capture MESSAGE] -- Capture Start ... rver: Encrypted packet (len=52)
** (wireshark:124545) 18:36:03.725083 [Capture MESSAGE] -- Capture started ... (ping) request id=0xa226, seq=1/256, ttl=64
** (wireshark:124545) 18:36:03.725266 [Capture MESSAGE] -- File: "/tmp/wireshark_LoopbackWC5B42.pcapng"
** (wireshark:124545) 18:36:57.704932 [Capture MESSAGE] -- Capture Stop ... rver: Encrypted packet (len=44)
** (wireshark:124545) 18:36:57.752517 [Capture MESSAGE] -- Capture stopped...no (ping) request id=0x0ee6, seq=1/256, ttl=64
** (wireshark:124545) 18:37:16.817077 [Capture MESSAGE] -- Capture Start ... rver: Encrypted packet (len=44)
** (wireshark:124545) 18:37:16.921006 [Capture MESSAGE] -- Capture started ...no (ping) request id=0x30be, seq=1/256, ttl=64
** (wireshark:124545) 18:37:16.921359 [Capture MESSAGE] -- File: "/tmp/wireshark_eth0FUL632.pcapng"
** (wireshark:124545) 18:37:25.126854 [Capture MESSAGE] -- Capture Stop ... rver: Encrypted packet (len=44)
** (wireshark:124545) 18:37:25.181326 [Capture MESSAGE] -- Capture stopped...no (ping) request id=0x7433, seq=1/256, ttl=64
** (wireshark:124545) 18:46:26.098449 [Capture MESSAGE] -- Capture Start ... rver: Encrypted packet (len=44)
** (wireshark:124545) 18:46:26.485264 [Capture MESSAGE] -- Capture started
** (wireshark:124545) 18:46:26.485384 [Capture MESSAGE] -- File: "/tmp/wireshark_eth0YCM532.pcapng"
** (wireshark:124545) 18:46:33.574929 [Capture MESSAGE] -- Capture Stop ... rver: Encrypted packet (len=44)
** (wireshark:124545) 18:46:33.640600 [Capture MESSAGE] -- Capture stopped...no (ping) request id=0xf056, seq=1/256, ttl=64

18:46:33.656992 192.168.0.20 192.168.0.20 SSH 118 Server: Encrypted packet (len=52)
18:46:33.657007 192.168.0.20 192.168.0.20 ICMP 98 Echo (ping) request id=0x3f5c, seq=1/256, ttl=64
18:46:33.657022 192.168.0.20 192.168.0.20 SSH 118 Server: Encrypted packet (len=52)
Packet 2
Packet 3
Packet 4
Packet 5
Packet 6
Packet 7
Packet 8
Packet 9
Packet 10
Packet 11
Packet 12
Packet 13
Packet 14
Packet 15
Packet 16
Packet 17
Packet 18
Packet 19
Packet 20
Packet 21

```



```
(root@kali)-[/home/guel/Work]
# strings wireshark_eth0S9Q232.pcapng | grep -E '^(\.)\1+$' | uniq > idrsa
```