

Metasploitable2

Report generated by Tenable Nessus™

Sun, 29 Sep 2024 22:15:20 CEST

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192.168.50.103



Host Information

Netbios Name: METASPLOITABLE
IP: 192.168.50.103
OS: Linux Kernel 2.6

Vulnerabilities

10114 - ICMP Timestamp Request Remote Date Disclosure

Synopsis

It is possible to determine the exact time set on the remote host.

Description

The remote host answers to an ICMP timestamp request. This allows an attacker to know the date that is set on the targeted machine, which may assist an unauthenticated, remote attacker in defeating time-based authentication protocols.

Timestamps returned from machines running Windows Vista / 7 / 2008 / 2008 R2 are deliberately incorrect, but usually within 1000 seconds of the actual system time.

Solution

Filter out the ICMP timestamp requests (13), and the outgoing ICMP timestamp replies (14).

Risk Factor

Low

VPR Score

4.2

EPSS Score

0.8808

CVSS v2.0 Base Score

2.1 (CVSS2#AV:L/AC:L/Au:N/C:P/I:N/A:N)

References

CVE CVE-1999-0524

XREF CWE:200

Plugin Information

Published: 1999/08/01, Modified: 2024/09/24

Plugin Output

icmp/0

The difference between the local and remote clocks is 1 second.

39519 - Backported Security Patch Detection (FTP)

Synopsis
Security patches are backported.
Description
Security patches may have been 'backported' to the remote FTP server without changing its version number.
Banner-based checks have been disabled to avoid false positives.
Note that this test is informational only and does not denote any security problem.
See Also
https://access.redhat.com/security/updates/backporting/?sc_cid=3093
Solution
n/a
Risk Factor
None
Plugin Information
Published: 2009/06/25, Modified: 2015/07/07
Plugin Output
tcp/2121/ftp
Give Nessus credentials to perform local checks.

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45590 - Common Platform Enumeration (CPE)

Synopsis

It was possible to enumerate CPE names that matched on the remote system.

Description

By using information obtained from a Nessus scan, this plugin reports CPE (Common Platform Enumeration) matches for various hardware and software products found on a host.

Note that if an official CPE is not available for the product, this plugin computes the best possible CPE based on the information available from the scan.

See Also

http://cpe.mitre.org/

https://nvd.nist.gov/products/cpe

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2010/04/21, Modified: 2024/09/03

Plugin Output

tcp/0

The remote operating system matched the following $\ensuremath{\mathtt{CPE}}$:

cpe:/o:linux:linux_kernel -> Linux Kernel

54615 - Device Type

Synopsis

It is possible to guess the remote device type.

Description

Based on the remote operating system, it is possible to determine what the remote system type is (eg: a printer, router, general-purpose computer, etc).

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2011/05/23, Modified: 2022/09/09

Plugin Output

tcp/0

Remote device type : general-purpose Confidence level : 70

10092 - FTP Server Detection

Synopsis

An FTP server is listening on a remote port.

Description

It is possible to obtain the banner of the remote FTP server by connecting to a remote port.

Solution

n/a

Risk Factor

None

References

XREF IAVT:0001-T-0030 XREF IAVT:0001-T-0943

Plugin Information

Published: 1999/10/12, Modified: 2023/08/17

Plugin Output

tcp/2121/ftp

```
The remote FTP banner is:

220 ProFTPD 1.3.1 Server (Debian) [::ffff:192.168.50.103]
```

10437 - NFS Share Export List

Synopsis

The remote NFS server exports a list of shares.

Description

This plugin retrieves the list of NFS exported shares.

See Also

http://www.tldp.org/HOWTO/NFS-HOWTO/security.html

Solution

Ensure each share is intended to be exported.

Risk Factor

None

Plugin Information

Published: 2000/06/07, Modified: 2019/10/04

Plugin Output

tcp/2049/rpc-nfs

Here is the export list of 192.168.50.103:

/nfs_share 192.168.1.101

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/05/20

Plugin Output

tcp/111/rpc-portmapper

Port 111/tcp was found to be open

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/05/20

Plugin Output

tcp/1099/rmi_registry

Port 1099/tcp was found to be open

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/05/20

Plugin Output

tcp/2049/rpc-nfs

Port 2049/tcp was found to be open

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/05/20

Plugin Output

tcp/2121/ftp

Port 2121/tcp was found to be open

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/05/20

Plugin Output

tcp/3306

Port 3306/tcp was found to be open

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/05/20

Plugin Output

tcp/3632

Port 3632/tcp was found to be open

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/05/20

Plugin Output

tcp/8180

Port 8180/tcp was found to be open

Synopsis

It is possible to determine which TCP ports are open.

Description

This plugin is a SYN 'half-open' port scanner. It shall be reasonably quick even against a firewalled target.

Note that SYN scans are less intrusive than TCP (full connect) scans against broken services, but they might cause problems for less robust firewalls and also leave unclosed connections on the remote target, if the network is loaded.

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2024/05/20

Plugin Output

tcp/8787

Port 8787/tcp was found to be open

19506 - Nessus Scan Information

Synopsis

This plugin displays information about the Nessus scan.

Description

This plugin displays, for each tested host, information about the scan itself:

- The version of the plugin set.
- The type of scanner (Nessus or Nessus Home).
- The version of the Nessus Engine.
- The port scanner(s) used.
- The port range scanned.
- The ping round trip time
- Whether credentialed or third-party patch management checks are possible.
- Whether the display of superseded patches is enabled
- The date of the scan.
- The duration of the scan.
- The number of hosts scanned in parallel.
- The number of checks done in parallel.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2005/08/26, Modified: 2024/08/05

Plugin Output

tcp/0

```
Information about this scan :

Nessus version : 10.8.2
Nessus build : 20007
Plugin feed version : 202409281845
Scanner edition used : Nessus Home
Scanner OS : LINUX
Scanner distribution : debian10-x86-64
Scan type : Normal
Scan name : Metasploitable2
```

```
Scan policy used : Basic Network Scan
Scanner IP : 192.168.1.101
Port scanner(s) : nessus_syn_scanner
Port range : default
Ping RTT : 38.023 ms
Thorough tests : no
Experimental tests : no
Scan for Unpatched Vulnerabilities : no
Plugin debugging enabled : no
Paranoia level : 1
Report verbosity : 1
Safe checks : yes
Optimize the test : no
Credentialed checks : no
Patch management checks : None
Display superseded patches : yes (supersedence plugin did not launch)
CGI scanning : disabled
Web application tests : disabled
Max hosts : 30
Max checks : 4
Recv timeout : 5
Backports : Detected
Allow post-scan editing : Yes
Nessus Plugin Signature Checking : Enabled
Audit File Signature Checking : Disabled
Scan Start Date : 2024/9/29 22:11 CEST
Scan duration: 256 sec
Scan for malware : no
```

11936 - OS Identification

Synopsis

It is possible to guess the remote operating system.

Description

Using a combination of remote probes (e.g., TCP/IP, SMB, HTTP, NTP, SNMP, etc.), it is possible to guess the name of the remote operating system in use. It is also possible sometimes to guess the version of the operating system.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2003/12/09, Modified: 2024/06/19

Plugin Output

tcp/0

Remote operating system : Linux Kernel 2.6
Confidence level : 70
Method : SinFP

The remote host is running Linux Kernel 2.6

22227 - RMI Registry Detection

Synopsis

An RMI registry is listening on the remote host.

Description

The remote host is running an RMI registry, which acts as a bootstrap naming service for registering and retrieving remote objects with simple names in the Java Remote Method Invocation (RMI) system.

See Also

https://docs.oracle.com/javase/1.5.0/docs/guide/rmi/spec/rmiTOC.html http://www.nessus.org/u?b6fd7659

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2006/08/16, Modified: 2022/06/01

Plugin Output

tcp/1099/rmi_registry tcp/1099/rmi_registry

```
Valid response recieved for port 1099:

0x00: 51 AC ED 00 05 77 0F 01 B3 1E 04 5C 00 00 01 92 Q...w....\...

0x10: 3F 6A CC C7 80 02 75 72 00 13 5B 4C 6A 61 76 61 ?j...ur..[Ljava 0x20: 2E 6C 61 6E 67 2E 53 74 72 69 6E 67 3B AD D2 56 .lang.String;..V

0x30: E7 E9 1D 7B 47 02 00 00 70 78 70 00 00 00 00 ...{G...pxp....
```

Synopsis

An ONC RPC service is running on the remote host.

Description

By sending a DUMP request to the portmapper, it was possible to enumerate the ONC RPC services running on the remote port. Using this information, it is possible to connect and bind to each service by sending an RPC request to the remote port.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/08/24, Modified: 2011/05/24

Plugin Output

tcp/111/rpc-portmapper

The following RPC services are available on TCP port 111 :

- program: 100000 (portmapper), version: 2

Synopsis

An ONC RPC service is running on the remote host.

Description

By sending a DUMP request to the portmapper, it was possible to enumerate the ONC RPC services running on the remote port. Using this information, it is possible to connect and bind to each service by sending an RPC request to the remote port.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/08/24, Modified: 2011/05/24

Plugin Output

udp/111/rpc-portmapper

The following RPC services are available on UDP port 111 :

- program: 100000 (portmapper), version: 2

Synopsis

An ONC RPC service is running on the remote host.

Description

By sending a DUMP request to the portmapper, it was possible to enumerate the ONC RPC services running on the remote port. Using this information, it is possible to connect and bind to each service by sending an RPC request to the remote port.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/08/24, Modified: 2011/05/24

Plugin Output

tcp/2049/rpc-nfs

```
The following RPC services are available on TCP port 2049:

- program: 100003 (nfs), version: 2
- program: 100003 (nfs), version: 3
- program: 100003 (nfs), version: 4
```

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Synopsis

An ONC RPC service is running on the remote host.

Description

By sending a DUMP request to the portmapper, it was possible to enumerate the ONC RPC services running on the remote port. Using this information, it is possible to connect and bind to each service by sending an RPC request to the remote port.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/08/24, Modified: 2011/05/24

Plugin Output

udp/2049/rpc-nfs

```
The following RPC services are available on UDP port 2049:

- program: 100003 (nfs), version: 2
- program: 100003 (nfs), version: 3
- program: 100003 (nfs), version: 4
```

Synopsis

An ONC RPC service is running on the remote host.

Description

By sending a DUMP request to the portmapper, it was possible to enumerate the ONC RPC services running on the remote port. Using this information, it is possible to connect and bind to each service by sending an RPC request to the remote port.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/08/24, Modified: 2011/05/24

Plugin Output

tcp/37242/rpc-status

The following RPC services are available on TCP port 37242:

- program: 100024 (status), version: 1

Synopsis

An ONC RPC service is running on the remote host.

Description

By sending a DUMP request to the portmapper, it was possible to enumerate the ONC RPC services running on the remote port. Using this information, it is possible to connect and bind to each service by sending an RPC request to the remote port.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/08/24, Modified: 2011/05/24

Plugin Output

udp/44402/rpc-mountd

```
The following RPC services are available on UDP port 44402:

- program: 100005 (mountd), version: 1
- program: 100005 (mountd), version: 2
- program: 100005 (mountd), version: 3
```

Synopsis

An ONC RPC service is running on the remote host.

Description

By sending a DUMP request to the portmapper, it was possible to enumerate the ONC RPC services running on the remote port. Using this information, it is possible to connect and bind to each service by sending an RPC request to the remote port.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/08/24, Modified: 2011/05/24

Plugin Output

tcp/46819/rpc-nlockmgr

```
The following RPC services are available on TCP port 46819:

- program: 100021 (nlockmgr), version: 1
- program: 100021 (nlockmgr), version: 3
- program: 100021 (nlockmgr), version: 4
```

Synopsis

An ONC RPC service is running on the remote host.

Description

By sending a DUMP request to the portmapper, it was possible to enumerate the ONC RPC services running on the remote port. Using this information, it is possible to connect and bind to each service by sending an RPC request to the remote port.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/08/24, Modified: 2011/05/24

Plugin Output

udp/48868/rpc-status

The following RPC services are available on UDP port 48868:

- program: 100024 (status), version: 1

Synopsis

An ONC RPC service is running on the remote host.

Description

By sending a DUMP request to the portmapper, it was possible to enumerate the ONC RPC services running on the remote port. Using this information, it is possible to connect and bind to each service by sending an RPC request to the remote port.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/08/24, Modified: 2011/05/24

Plugin Output

udp/57336/rpc-nlockmgr

```
The following RPC services are available on UDP port 57336:

- program: 100021 (nlockmgr), version: 1
- program: 100021 (nlockmgr), version: 3
- program: 100021 (nlockmgr), version: 4
```

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Synopsis

An ONC RPC service is running on the remote host.

Description

By sending a DUMP request to the portmapper, it was possible to enumerate the ONC RPC services running on the remote port. Using this information, it is possible to connect and bind to each service by sending an RPC request to the remote port.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/08/24, Modified: 2011/05/24

Plugin Output

tcp/58091/rpc-mountd

```
The following RPC services are available on TCP port 58091:

- program: 100005 (mountd), version: 1
- program: 100005 (mountd), version: 2
- program: 100005 (mountd), version: 3
```

53335 - RPC portmapper (TCP)

Synopsis
An ONC RPC portmapper is running on the remote host.
Description
The RPC portmapper is running on this port.
The portmapper allows someone to get the port number of each RPC service running on the remote host by sending either multiple lookup requests or a DUMP request.
Solution
n/a
Risk Factor
None
Plugin Information
Published: 2011/04/08, Modified: 2011/08/29
Plugin Output
tcp/111/rpc-portmapper

10223 - RPC portmapper Service Detection

Synopsis
An ONC RPC portmapper is running on the remote host.
Description
The RPC portmapper is running on this port.
The portmapper allows someone to get the port number of each RPC service running on the remote host by sending either multiple lookup requests or a DUMP request.
Solution
n/a
Risk Factor
None
CVSS v3.0 Base Score
0.0 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:N)
CVSS v2.0 Base Score
0.0 (CVSS2#AV:N/AC:L/Au:N/C:N/I:N/A:N)
References
CVE CVE-1999-0632
Plugin Information
Published: 1999/08/19, Modified: 2019/10/04
Plugin Output
udp/111/rpc-portmapper

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22964 - Service Detection

Synopsis

The remote service could be identified.

Description

Nessus was able to identify the remote service by its banner or by looking at the error message it sends when it receives an HTTP request.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2007/08/19, Modified: 2024/03/26

Plugin Output

tcp/2121/ftp

An FTP server is running on this port.

25220 - TCP/IP Timestamps Supported

Synopsis
The remote service implements TCP timestamps.
Description
The remote host implements TCP timestamps, as defined by RFC1323. A side effect of this feature is that the uptime of the remote host can sometimes be computed.
See Also
http://www.ietf.org/rfc/rfc1323.txt
Solution
n/a
Risk Factor
None
Plugin Information
Published: 2007/05/16, Modified: 2023/10/17
Plugin Output
tcp/0

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10287 - Traceroute Information

Synopsis

It was possible to obtain traceroute information.

Description

Makes a traceroute to the remote host.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 1999/11/27, Modified: 2023/12/04

Plugin Output

udp/0

```
For your information, here is the traceroute from 192.168.1.101 to 192.168.50.103: 192.168.1.101
192.168.1.1
192.168.50.103

Hop Count: 2
```

11154 - Unknown Service Detection: Banner Retrieval

Synopsis

There is an unknown service running on the remote host.

Description

Nessus was unable to identify a service on the remote host even though it returned a banner of some type.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/11/18, Modified: 2022/07/26

Plugin Output

tcp/8787

```
If you know what this service is and think the banner could be used to
identify it, please send a description of the service along with the
following output to svc-signatures@nessus.org :
 Port
        : 8787
 Type : get_http
 Banner:
0x0000: 00 00 00 03 04 08 46 00 00 03 A1 04 08 6F 3A 16
                                                               .....F.....o:.
           0x0010: 44 52 62 3A 3A 44 52 62 43 6F 6E 6E 45 72 72 6F DRb::DRbConnErro
           0x0020: 72 07 3A 07 62 74 5B 17 22 2F 2F 75 73 72 2F 6C
                                                                          r.:.bt[."//usr/l
           0x0030: 69 62 2F 72 75 62 79 2F 31 2E 38 2F 64 72 62 2F
                                                                          ib/ruby/1.8/drb/
           0x0040: 64 72 62 2E 72 62 3A 35 37 33 3A 69 6E 20 60 6C
                                                                          drb.rb:573:in `1
           0x0050: 6F 61 64 27 22 37 2F 75 73 72 2F 6C 69 62 2F 72 0x0060: 75 62 79 2F 31 2E 38 2F 64 72 62 2F 64 72 62 2E
                                                                          oad'"7/usr/lib/r
                    75 62 79 2F 31 2E 38 2F 64 72 62 2F 64 72 62 2E
                                                                          uby/1.8/drb/drb.
           0x0070: 72 62 3A 36 31 32 3A 69 6E 20 60 72 65 63 76 5F
                                                                          rb:612:in `recv_
           0x0080: 72 65 71 75 65 73 74 27 22 37 2F 75 73 72 2F 6C
                                                                          request'"7/usr/l
           0x0090: 69 62 2F 72 75 62 79 2F 31 2E 38 2F 64 72 62 2F
                                                                          ib/ruby/1.8/drb/
           0x00A0: 64 72 62 2E 72 62 3A 39 31 31 3A 69 6E 20 60 72
                                                                          drb.rb:911:in `r
           0x00B0:
0x00C0:
                    65 63 76 5F 72 65 71 75 65 73 74 27 22 3C 2F 75
                                                                           ecv request'"</u
                    73 72 2F 6C 69 62 2F 72 75 62 79 2F 31 2E 38 2F
                                                                           sr/lib/ruby/1.8/
           0x00D0: 64 72 62 2F 64 72 62 2E 72 62 3A 31 35 33 30 3A
                                                                          drb/drb.rb:1530:
           0x00E0: 69 6E 20 60 69 6E 69 74 5F 77 69 74 68 5F 63 6C
                                                                           in `init_with_cl
           0x00F0: 69 65 6E 74 27 22 39 2F 75 73 72 2F 6C 69 62 2F
                                                                           ient'"9/usr/lib/
           0x0100: 72 75 62 79 2F 31 2E 38 2F 64 72 62 2F 64 72 62 0x0110: 2E 72 62 3A 31 35 34 32 3A 69 6E 20 60 73 65 74
                                                                           ruby/1.8/drb/drb
                                                                           .rb:1542:in `set
           0x0120: 75 70 5F 6D 65 73 73 61 67 65 27 22 33 2F 75 73
                                                                           up_message'"3/us
           0x0130: 72 2F 6C 69 62 2F 72 75 62 79 2F 31 2E 38 2F 64
                                                                          r/lib/ruby/1.8/d
           0x0140: 72 62 2F 64 72 62 2E 72 62 3A 31 34 39 34 [...]
```

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10150 - Windows NetBIOS / SMB Remote Host Information Disclosure

Synopsis

It was possible to obtain the network name of the remote host.

Description

The remote host is listening on UDP port 137 or TCP port 445, and replies to NetBIOS nbtscan or SMB requests.

Note that this plugin gathers information to be used in other plugins, but does not itself generate a report.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 1999/10/12, Modified: 2021/02/10

Plugin Output

udp/137/netbios-ns

```
The following 7 NetBIOS names have been gathered:

METASPLOITABLE = Computer name
METASPLOITABLE = Messenger Service
METASPLOITABLE = File Server Service
__MSBROWSE_ = Master Browser
WORKGROUP = Workgroup / Domain name
WORKGROUP = Master Browser
WORKGROUP = Browser Service Elections

This SMB server seems to be a Samba server - its MAC address is NULL.
```