



first_scan

Report generated by Tenable Nessus™

Mon, 16 Dec 2024 15:52:49 IST

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Nessus Essentials

Vulnerabilities by Host

192.168.75.1



Scan Information

Start time: Mon Dec 16 15:48:53 2024
End time: Mon Dec 16 15:52:48 2024

Host Information

IP: 192.168.75.1

Vulnerabilities

10736 - DCE Services Enumeration

Synopsis

A DCE/RPC service is running on the remote host.

Description

By sending a Lookup request to the portmapper (TCP 135 or epmapper PIPE) it was possible to enumerate the Distributed Computing Environment (DCE) 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/pipe.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2001/08/26, Modified: 2021/10/04

Plugin Output

tcp/135/epmap

The following DCERPC services are available locally :

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 04eeb297-cbf4-466b-8a2a-bfd6a2f10bba, version 1.0
Description : Unknown RPC service
Annotation : EFSK RPC Interface
Type : Local RPC service
Named pipe : LRPC-55ac5838961a19975e

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : df1941c5-fe89-4e79-bf10-463657acf44d, version 1.0
Description : Unknown RPC service
Annotation : EFS RPC Interface
Type : Local RPC service
Named pipe : LRPC-55ac5838961a19975e

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 51a227ae-825b-41f2-b4a9-1ac9557a1018, version 1.0
Description : Unknown RPC service
Annotation : Ngc Pop Key Service
Type : Local RPC service
Named pipe : NETLOGON_LRPC

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 51a227ae-825b-41f2-b4a9-1ac9557a1018, version 1.0
Description : Unknown RPC service
Annotation : Ngc Pop Key Service
Type : Local RPC service
Named pipe : MicrosoftLaps_LRPC_0fb2f016-fe45-4a08-a7f9-a467f5e5fa0b

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 51a227ae-825b-41f2-b4a9-1ac9557a1018, version 1.0
Description : Unknown RPC service
Annotation : Ngc Pop Key Service
Type : Local RPC service
Named pipe : samss lpc

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 51a227ae-825b-41f2-b4a9-1ac9557a1018, version 1.0
Description : Unknown RPC service
Annotation : Ngc Pop Key Service
Type : Local RPC service
Named pipe : SidKey Local End Point

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : cc105610-da03-467e-bc73-5b9e2937458d, version 1.0
Description : Unknown RPC service
Annotation : LiveIdSvc RPC Interface
Type : Local RPC service
Named pipe : LRPC-4cdb503927f25cdbb7

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : faf2447b-b348-4feb-8dbe-beee5b7f7778, version 1.0
Description : Unknown RPC service
Annotation : OnlineProviderCert RPC Interface
Type : Local RPC service
Named pipe : LRPC-4cdb503927f25cdbb7

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 572e35b4-1 [...]

10736 - DCE Services Enumeration

Synopsis

A DCE/RPC service is running on the remote host.

Description

By sending a Lookup request to the portmapper (TCP 135 or epmapper PIPE) it was possible to enumerate the Distributed Computing Environment (DCE) 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/pipe.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2001/08/26, Modified: 2021/10/04

Plugin Output

tcp/445

The following DCERPC services are available remotely :

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 04eeb297-cbf4-466b-8a2a-bfd6a2f10bba, version 1.0
Description : Unknown RPC service
Annotation : EFSK RPC Interface
Type : Remote RPC service
Named pipe : \pipe\efsrpc
Netbios name : \\DITISS10

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : df1941c5-fe89-4e79-bf10-463657acf44d, version 1.0
Description : Unknown RPC service
Annotation : EFS RPC Interface
Type : Remote RPC service
Named pipe : \pipe\efsrpc
Netbios name : \\DITISS10

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 650a7e26-eab8-5533-ce43-9cldfcell1511, version 1.0
Description : Unknown RPC service
Annotation : Vpn APIs
Type : Remote RPC service
Named pipe : \PIPE\ROUTER
Netbios name : \\DITISS10

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 29770a8f-829b-4158-90a2-78cd488501f7, version 1.0

```
Description : Unknown RPC service
Type : Remote RPC service
Named pipe : \pipe\SessEnvPublicRpc
Netbios name : \\DITISS10

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 7f1343fe-50a9-4927-a778-0c5859517bac, version 1.0
Description : Unknown RPC service
Annotation : DfsDs service
Type : Remote RPC service
Named pipe : \PIPE\wkssvc
Netbios name : \\DITISS10

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 1ff70682-0a51-30e8-076d-740be8cee98b, version 1.0
Description : Scheduler Service
Windows process : svchost.exe
Type : Remote RPC service
Named pipe : \PIPE\atsvc
Netbios name : \\DITISS10

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 378e52b0-c0a9-11cf-822d-00aa0051e40f, version 1.0
Description : Scheduler Service
Windows process : svchost.exe
Type : Remote RPC service
Named pipe : \PIPE\atsvc
Netbios name : \\DITISS10

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 33d84484-3626-47ee-8c6f-e7e98b113bel, version 2.0
Description : Unknown RPC service
Type : Remote RPC service
Named pipe : \PIPE\atsvc
Netbios name : \\DITISS10

Object UUID : 00000000-0000-0000-0000-000000000000 [...]
```

10736 - DCE Services Enumeration

Synopsis

A DCE/RPC service is running on the remote host.

Description

By sending a Lookup request to the portmapper (TCP 135 or epmapper PIPE) it was possible to enumerate the Distributed Computing Environment (DCE) 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/pipe.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2001/08/26, Modified: 2021/10/04

Plugin Output

tcp/49664/dce-rpc

The following DCERPC services are available on TCP port 49664 :

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 51a227ae-825b-41f2-b4a9-1ac9557a1018, version 1.0
Description : Unknown RPC service
Annotation : Ngc Pop Key Service
Type : Remote RPC service
TCP Port : 49664
IP : 192.168.75.1

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 12345778-1234-abcd-ef00-0123456789ac, version 1.0
Description : Security Account Manager
Windows process : lsass.exe
Type : Remote RPC service
TCP Port : 49664
IP : 192.168.75.1

Object UUID : 5fc860e0-6f6e-4fc2-83cd-46324f25e90b
UUID : 0b1c2170-5732-4e0e-8cd3-d9b16f3b84d7, version 0.0
Description : Unknown RPC service
Annotation : RemoteAccessCheck
Type : Remote RPC service
TCP Port : 49664
IP : 192.168.75.1

Object UUID : 9a81c2bd-a525-471d-a4ed-49907c0b23da
UUID : 0b1c2170-5732-4e0e-8cd3-d9b16f3b84d7, version 0.0

Description : Unknown RPC service
Annotation : RemoteAccessCheck
Type : Remote RPC service
TCP Port : 49664
IP : 192.168.75.1

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : b25a52bf-e5dd-4f4a-aea6-8ca7272a0e86, version 2.0
Description : Unknown RPC service
Annotation : KeyIso
Type : Remote RPC service
TCP Port : 49664
IP : 192.168.75.1

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 8fb74744-b2ff-4c00-be0d-9ef9a191fe1b, version 1.0
Description : Unknown RPC service
Annotation : Ngc Pop Key Service
Type : Remote RPC service
TCP Port : 49664
IP : 192.168.75.1

10736 - DCE Services Enumeration

Synopsis

A DCE/RPC service is running on the remote host.

Description

By sending a Lookup request to the portmapper (TCP 135 or epmapper PIPE) it was possible to enumerate the Distributed Computing Environment (DCE) 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/pipe.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2001/08/26, Modified: 2021/10/04

Plugin Output

tcp/49665/dce-rpc

The following DCERPC services are available on TCP port 49665 :

Object UUID : 765294ba-60bc-48b8-92e9-89fd77769d91
UUID : d95afe70-a6d5-4259-822e-2c84dalddb0d, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
TCP Port : 49665
IP : 192.168.75.1

10736 - DCE Services Enumeration

Synopsis

A DCE/RPC service is running on the remote host.

Description

By sending a Lookup request to the portmapper (TCP 135 or epmapper PIPE) it was possible to enumerate the Distributed Computing Environment (DCE) 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/pipe.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2001/08/26, Modified: 2021/10/04

Plugin Output

tcp/49666/dce-rpc

The following DCERPC services are available on TCP port 49666 :

```
Object UUID : 00000000-0000-0000-0000-000000000000
UUID : f6beaff7-1e19-4fbb-9f8f-b89e2018337c, version 1.0
Description : Unknown RPC service
Annotation : Event log TCPIP
Type : Remote RPC service
TCP Port : 49666
IP : 192.168.75.1
```

10736 - DCE Services Enumeration

Synopsis

A DCE/RPC service is running on the remote host.

Description

By sending a Lookup request to the portmapper (TCP 135 or epmapper PIPE) it was possible to enumerate the Distributed Computing Environment (DCE) 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/pipe.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2001/08/26, Modified: 2021/10/04

Plugin Output

tcp/49667/dce-rpc

The following DCERPC services are available on TCP port 49667 :

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 86d35949-83c9-4044-b424-db363231fd0c, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
TCP Port : 49667
IP : 192.168.75.1

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 3a9ef155-691d-4449-8d05-09ad57031823, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
TCP Port : 49667
IP : 192.168.75.1

10736 - DCE Services Enumeration

Synopsis

A DCE/RPC service is running on the remote host.

Description

By sending a Lookup request to the portmapper (TCP 135 or epmapper PIPE) it was possible to enumerate the Distributed Computing Environment (DCE) 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/pipe.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2001/08/26, Modified: 2021/10/04

Plugin Output

tcp/49668/dce-rpc

The following DCERPC services are available on TCP port 49668 :

```
Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 29770a8f-829b-4158-90a2-78cd488501f7, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
TCP Port : 49668
IP : 192.168.75.1
```

10736 - DCE Services Enumeration

Synopsis

A DCE/RPC service is running on the remote host.

Description

By sending a Lookup request to the portmapper (TCP 135 or epmapper PIPE) it was possible to enumerate the Distributed Computing Environment (DCE) 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/pipe.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2001/08/26, Modified: 2021/10/04

Plugin Output

tcp/49669/dce-rpc

The following DCERPC services are available on TCP port 49669 :

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 12345678-1234-abcd-ef00-0123456789ab, version 1.0
Description : IPsec Services (Windows XP & 2003)
Windows process : lsass.exe
Type : Remote RPC service
TCP Port : 49669
IP : 192.168.75.1

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 0b6edbf8-4a24-4fc6-8a23-942bleca65d1, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
TCP Port : 49669
IP : 192.168.75.1

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : ae33069b-a2a8-46ee-a235-ddfd339be281, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
TCP Port : 49669
IP : 192.168.75.1

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 4a452661-8290-4b36-8f8e-7f4093a94978, version 1.0
Description : Unknown RPC service
Type : Remote RPC service

TCP Port : 49669
IP : 192.168.75.1

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 76f03f96-cdfd-44fc-a22c-64950a001209, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
TCP Port : 49669
IP : 192.168.75.1

10736 - DCE Services Enumeration

Synopsis

A DCE/RPC service is running on the remote host.

Description

By sending a Lookup request to the portmapper (TCP 135 or epmapper PIPE) it was possible to enumerate the Distributed Computing Environment (DCE) 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/pipe.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2001/08/26, Modified: 2021/10/04

Plugin Output

tcp/49670/dce-rpc

The following DCERPC services are available on TCP port 49670 :

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 51a227ae-825b-41f2-b4a9-1ac9557a1018, version 1.0
Description : Unknown RPC service
Annotation : Ngc Pop Key Service
Type : Remote RPC service
TCP Port : 49670
IP : 192.168.75.1

Object UUID : 5fc860e0-6f6e-4fc2-83cd-46324f25e90b
UUID : 0b1c2170-5732-4e0e-8cd3-d9b16f3b84d7, version 0.0
Description : Unknown RPC service
Annotation : RemoteAccessCheck
Type : Remote RPC service
TCP Port : 49670
IP : 192.168.75.1

Object UUID : 9a81c2bd-a525-471d-a4ed-49907c0b23da
UUID : 0b1c2170-5732-4e0e-8cd3-d9b16f3b84d7, version 0.0
Description : Unknown RPC service
Annotation : RemoteAccessCheck
Type : Remote RPC service
TCP Port : 49670
IP : 192.168.75.1

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : b25a52bf-e5dd-4f4a-aea6-8ca7272a0e86, version 2.0

Description : Unknown RPC service
Annotation : KeyIso
Type : Remote RPC service
TCP Port : 49670
IP : 192.168.75.1

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 8fb74744-b2ff-4c00-be0d-9ef9a191fe1b, version 1.0
Description : Unknown RPC service
Annotation : Ngc Pop Key Service
Type : Remote RPC service
TCP Port : 49670
IP : 192.168.75.1

10736 - DCE Services Enumeration

Synopsis

A DCE/RPC service is running on the remote host.

Description

By sending a Lookup request to the portmapper (TCP 135 or epmapper PIPE) it was possible to enumerate the Distributed Computing Environment (DCE) 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/pipe.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2001/08/26, Modified: 2021/10/04

Plugin Output

tcp/60542/dce-rpc

The following DCERPC services are available on TCP port 60542 :

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 367abb81-9844-35f1-ad32-98f038001003, version 2.0
Description : Service Control Manager
Windows process : svchost.exe
Type : Remote RPC service
TCP Port : 60542
IP : 192.168.75.1

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/135/epmap

```
Port 135/tcp was found to be open
```

192.168.75.2



Scan Information

Start time: Mon Dec 16 15:48:53 2024

End time: Mon Dec 16 15:52:48 2024

Host Information

IP: 192.168.75.2

Vulnerabilities

50686 - IP Forwarding Enabled

Synopsis

The remote host has IP forwarding enabled.

Description

The remote host has IP forwarding enabled. An attacker can exploit this to route packets through the host and potentially bypass some firewalls / routers / NAC filtering.

Unless the remote host is a router, it is recommended that you disable IP forwarding.

Solution

On Linux, you can disable IP forwarding by doing :

```
echo 0 > /proc/sys/net/ipv4/ip_forward
```

On Windows, set the key 'IPEnableRouter' to 0 under

HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\Tcpip\Parameters

On Mac OS X, you can disable IP forwarding by executing the command :

```
sysctl -w net.inet.ip.forwarding=0
```

For other systems, check with your vendor.

Risk Factor

Medium

CVSS v3.0 Base Score

6.5 (CVSS:3.0/AV:A/AC:L/PR:L/UI:N/S:C/C:L/I:L/A:L)

VPR Score

4.9

EPSS Score

0.0035

CVSS v2.0 Base Score

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

References

CVE CVE-1999-0511

Plugin Information

Published: 2010/11/23, Modified: 2023/10/17

Plugin Output

tcp/0

```
IP forwarding appears to be enabled on the remote host.
```

```
Detected local MAC Address      : 000c2922ffd0
Response from local MAC Address : 000c2922ffd0
```

```
Detected Gateway MAC Address    : 005056e1053c
Response from Gateway MAC Address : 005056e1053c
```

11002 - DNS Server Detection

Synopsis

A DNS server is listening on the remote host.

Description

The remote service is a Domain Name System (DNS) server, which provides a mapping between hostnames and IP addresses.

See Also

https://en.wikipedia.org/wiki/Domain_Name_System

Solution

Disable this service if it is not needed or restrict access to internal hosts only if the service is available externally.

Risk Factor

None

Plugin Information

Published: 2003/02/13, Modified: 2017/05/16

Plugin Output

tcp/53/dns

11002 - DNS Server Detection

Synopsis

A DNS server is listening on the remote host.

Description

The remote service is a Domain Name System (DNS) server, which provides a mapping between hostnames and IP addresses.

See Also

https://en.wikipedia.org/wiki/Domain_Name_System

Solution

Disable this service if it is not needed or restrict access to internal hosts only if the service is available externally.

Risk Factor

None

Plugin Information

Published: 2003/02/13, Modified: 2017/05/16

Plugin Output

udp/53/dns

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/53/dns

```
Port 53/tcp was found to be open
```


192.168.75.145



Scan Information

Start time: Mon Dec 16 15:49:46 2024

End time: Mon Dec 16 15:52:49 2024

Host Information

IP: 192.168.75.145

OS: Linux Kernel 2.6

Vulnerabilities

51192 - SSL Certificate Cannot Be Trusted

Synopsis

The SSL certificate for this service cannot be trusted.

Description

The server's X.509 certificate cannot be trusted. This situation can occur in three different ways, in which the chain of trust can be broken, as stated below :

- First, the top of the certificate chain sent by the server might not be descended from a known public certificate authority. This can occur either when the top of the chain is an unrecognized, self-signed certificate, or when intermediate certificates are missing that would connect the top of the certificate chain to a known public certificate authority.
- Second, the certificate chain may contain a certificate that is not valid at the time of the scan. This can occur either when the scan occurs before one of the certificate's 'notBefore' dates, or after one of the certificate's 'notAfter' dates.
- Third, the certificate chain may contain a signature that either didn't match the certificate's information or could not be verified. Bad signatures can be fixed by getting the certificate with the bad signature to be re-signed by its issuer. Signatures that could not be verified are the result of the certificate's issuer using a signing algorithm that Nessus either does not support or does not recognize.

If the remote host is a public host in production, any break in the chain makes it more difficult for users to verify the authenticity and identity of the web server. This could make it easier to carry out man-in-the-middle attacks against the remote host.

See Also

<https://www.itu.int/rec/T-REC-X.509/en>

<https://en.wikipedia.org/wiki/X.509>

Solution

Purchase or generate a proper SSL certificate for this service.

Risk Factor

Medium

CVSS v3.0 Base Score

6.5 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:L/A:N)

CVSS v2.0 Base Score

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

Plugin Information

Published: 2010/12/15, Modified: 2020/04/27

Plugin Output

tcp/25000/www

The following certificate was part of the certificate chain sent by the remote host, but it is not yet valid :

```
| -Subject      : C=GB/ST=Canonical/L=Canonical/O=Canonical/OU=Canonical/CN=127.0.0.1  
| -Not Before   : Dec 16 15:38:18 2024 GMT
```

The following certificate was at the top of the certificate chain sent by the remote host, but it is signed by an unknown certificate authority :

```
| -Subject : C=GB/ST=Canonical/L=Canonical/O=Canonical/OU=Canonical/CN=127.0.0.1  
| -Issuer  : CN=10.152.183.1
```

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

2.2

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: 2024/10/07

Plugin Output

icmp/0

The difference between the local and remote clocks is -19183 seconds.

48204 - Apache HTTP Server Version

Synopsis

It is possible to obtain the version number of the remote Apache HTTP server.

Description

The remote host is running the Apache HTTP Server, an open source web server. It was possible to read the version number from the banner.

See Also

<https://httpd.apache.org/>

Solution

n/a

Risk Factor

None

References

XREF	IAVT:0001-T-0030
XREF	IAVT:0001-T-0530

Plugin Information

Published: 2010/07/30, Modified: 2023/08/17

Plugin Output

tcp/80/www

```
URL      : http://192.168.75.145/
Version  : 2.4.99
Source   : Server: Apache/2.4.41 (Ubuntu)
backported : 1
os       : ConvertedUbuntu
```

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 : 65
```

35716 - Ethernet Card Manufacturer Detection

Synopsis

The manufacturer can be identified from the Ethernet OUI.

Description

Each ethernet MAC address starts with a 24-bit Organizationally Unique Identifier (OUI). These OUIs are registered by IEEE.

See Also

<https://standards.ieee.org/faqs/regauth.html>

<http://www.nessus.org/u?794673b4>

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2009/02/19, Modified: 2020/05/13

Plugin Output

tcp/0

```
The following card manufacturers were identified :
```

```
00:0C:29:9B:22:7A : VMware, Inc.
```

86420 - Ethernet MAC Addresses

Synopsis

This plugin gathers MAC addresses from various sources and consolidates them into a list.

Description

This plugin gathers MAC addresses discovered from both remote probing of the host (e.g. SNMP and Netbios) and from running local checks (e.g. ifconfig). It then consolidates the MAC addresses into a single, unique, and uniform list.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2015/10/16, Modified: 2020/05/13

Plugin Output

tcp/0

```
The following is a consolidated list of detected MAC addresses:  
- 00:0C:29:9B:22:7A
```


84502 - HSTS Missing From HTTPS Server

Synopsis

The remote web server is not enforcing HSTS.

Description

The remote HTTPS server is not enforcing HTTP Strict Transport Security (HSTS). HSTS is an optional response header that can be configured on the server to instruct the browser to only communicate via HTTPS. The lack of HSTS allows downgrade attacks, SSL-stripping man-in-the-middle attacks, and weakens cookie-hijacking protections.

See Also

<https://tools.ietf.org/html/rfc6797>

Solution

Configure the remote web server to use HSTS.

Risk Factor

None

Plugin Information

Published: 2015/07/02, Modified: 2024/08/09

Plugin Output

tcp/25000/www

```
HTTP/1.1 404 Not Found
Date: Mon, 16 Dec 2024 15:40:56 GMT
Content-Length: 21
Content-Type: text/plain; charset=utf-8
Connection: close
```

```
The remote HTTPS server does not send the HTTP
"Strict-Transport-Security" header.
```

43111 - HTTP Methods Allowed (per directory)

Synopsis

This plugin determines which HTTP methods are allowed on various CGI directories.

Description

By calling the OPTIONS method, it is possible to determine which HTTP methods are allowed on each directory.

The following HTTP methods are considered insecure:

PUT, DELETE, CONNECT, TRACE, HEAD

Many frameworks and languages treat 'HEAD' as a 'GET' request, albeit one without any body in the response. If a security constraint was set on 'GET' requests such that only 'authenticatedUsers' could access GET requests for a particular servlet or resource, it would be bypassed for the 'HEAD' version. This allowed unauthorized blind submission of any privileged GET request.

As this list may be incomplete, the plugin also tests - if 'Thorough tests' are enabled or 'Enable web applications tests' is set to 'yes'

in the scan policy - various known HTTP methods on each directory and considers them as unsupported if it receives a response code of 400, 403, 405, or 501.

Note that the plugin output is only informational and does not necessarily indicate the presence of any security vulnerabilities.

See Also

<http://www.nessus.org/u?d9c03a9a>

<http://www.nessus.org/u?b019cbdb>

[https://www.owasp.org/index.php/Test_HTTP_Methods_\(OTG-CONFIG-006\)](https://www.owasp.org/index.php/Test_HTTP_Methods_(OTG-CONFIG-006))

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2009/12/10, Modified: 2022/04/11

Plugin Output

tcp/80/www

Based on the response to an OPTIONS request :

- HTTP methods GET HEAD OPTIONS POST are allowed on :

/

10107 - HTTP Server Type and Version

Synopsis

A web server is running on the remote host.

Description

This plugin attempts to determine the type and the version of the remote web server.

Solution

n/a

Risk Factor

None

References

XREF IAVT:0001-T-0931

Plugin Information

Published: 2000/01/04, Modified: 2020/10/30

Plugin Output

tcp/80/www

```
The remote web server type is :  
Apache/2.4.41 (Ubuntu)
```

24260 - HyperText Transfer Protocol (HTTP) Information

Synopsis

Some information about the remote HTTP configuration can be extracted.

Description

This test gives some information about the remote HTTP protocol - the version used, whether HTTP Keep-Alive is enabled, etc...

This test is informational only and does not denote any security problem.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2007/01/30, Modified: 2024/02/26

Plugin Output

tcp/80/www

Response Code : HTTP/1.1 200 OK

Protocol version : HTTP/1.1

HTTP/2 TLS Support: No

HTTP/2 Cleartext Support: No

SSL : no

Keep-Alive : yes

Options allowed : (Not implemented)

Headers :

Date: Mon, 16 Dec 2024 15:41:15 GMT

Server: Apache/2.4.41 (Ubuntu)

Last-Modified: Wed, 27 Nov 2024 12:48:25 GMT

ETag: "2aa6-627e461b6d98c"

Accept-Ranges: bytes

Content-Length: 10918

Vary: Accept-Encoding

Keep-Alive: timeout=5, max=100

Connection: Keep-Alive

Content-Type: text/html

Response Body :

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
```

```

<!--
  Modified from the Debian original for Ubuntu
  Last updated: 2016-11-16
  See: https://launchpad.net/bugs/1288690
-->
<head>
  <meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
  <title>Apache2 Ubuntu Default Page: It works</title>
  <style type="text/css" media="screen">
* {
  margin: 0px 0px 0px 0px;
  padding: 0px 0px 0px 0px;
}

body, html {
  padding: 3px 3px 3px 3px;

  background-color: #D8DBE2;

  font-family: Verdana, sans-serif;
  font-size: 11pt;
  text-align: center;
}

div.main_page {
  position: relative;
  display: table;

  width: 800px;

  margin-bottom: 3px;
  margin-left: auto;
  margin-right: auto;
  padding: 0px 0px 0px 0px;

  border-width: 2px;
  border-color: #212738;
  border-style: solid;

  background-color: #FFFFFF;

  text-align: center;
}

div.page_header {
  height: 99px;
  width: 100%;

  background-color: #F5F6F7;
}

div.page_header span {
  margin: 15px 0px 0px 50px;

  font-size: 180%;
  font-weight: bold;
}

div.page_header img {
  margin: 3px 0px 0px 40px;

  border: 0px 0px 0px;
}

div.table_of_contents {
  clear: left;

  min-width: 200px;

  margin: 3px 3px 3px 3px;

```

```
background-color: #FFFFFF;  
text-align: left;  
}  
  
div.table_of_contents_item {  
clear: left;  
  
width [...]
```

24260 - HyperText Transfer Protocol (HTTP) Information

Synopsis

Some information about the remote HTTP configuration can be extracted.

Description

This test gives some information about the remote HTTP protocol - the version used, whether HTTP Keep-Alive is enabled, etc...

This test is informational only and does not denote any security problem.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2007/01/30, Modified: 2024/02/26

Plugin Output

tcp/25000/www

```
Response Code : HTTP/1.1 404 Not Found

Protocol version : HTTP/1.1
HTTP/2 TLS Support: No
HTTP/2 Cleartext Support: No
SSL : yes
Keep-Alive : no
Options allowed : (Not implemented)
Headers :

    Date: Mon, 16 Dec 2024 15:41:14 GMT
    Content-Length: 21
    Content-Type: text/plain; charset=utf-8
    Connection: close

Response Body :
```


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/22/ssh

```
Port 22/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/80/www

```
Port 80/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/25000/www

```
Port 25000/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/32000

```
Port 32000/tcp was found to be open
```

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: 2024/10/14

Plugin Output

tcp/0

```
Remote operating system : Linux Kernel 2.6  
Confidence level : 65  
Method : SinFP
```

```
The remote host is running Linux Kernel 2.6
```

181418 - OpenSSH Detection

Synopsis

An OpenSSH-based SSH server was detected on the remote host.

Description

An OpenSSH-based SSH server was detected on the remote host.

See Also

<https://www.openssh.com/>

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2023/09/14, Modified: 2024/12/06

Plugin Output

tcp/22/ssh

```
Service : ssh
Version : 8.2p1
Banner  : SSH-2.0-OpenSSH_8.2p1 Ubuntu-4ubuntu0.11
```

149334 - SSH Password Authentication Accepted

Synopsis

The SSH server on the remote host accepts password authentication.

Description

The SSH server on the remote host accepts password authentication.

See Also

<https://tools.ietf.org/html/rfc4252#section-8>

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2021/05/07, Modified: 2021/05/07

Plugin Output

tcp/22/ssh

10881 - SSH Protocol Versions Supported

Synopsis

A SSH server is running on the remote host.

Description

This plugin determines the versions of the SSH protocol supported by the remote SSH daemon.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/03/06, Modified: 2024/07/24

Plugin Output

tcp/22/ssh

```
The remote SSH daemon supports the following versions of the  
SSH protocol :
```

- 1.99
- 2.0

10267 - SSH Server Type and Version Information

Synopsis

An SSH server is listening on this port.

Description

It is possible to obtain information about the remote SSH server by sending an empty authentication request.

Solution

n/a

Risk Factor

None

References

XREF IAVT:0001-T-0933

Plugin Information

Published: 1999/10/12, Modified: 2024/07/24

Plugin Output

tcp/22/ssh

```
SSH version : SSH-2.0-OpenSSH_8.2p1 Ubuntu-4ubuntu0.11
SSH supported authentication : publickey,password
```

56984 - SSL / TLS Versions Supported

Synopsis

The remote service encrypts communications.

Description

This plugin detects which SSL and TLS versions are supported by the remote service for encrypting communications.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2011/12/01, Modified: 2023/07/10

Plugin Output

tcp/25000/www

```
This port supports TLSv1.3/TLSv1.2.
```

42980 - SSL Certificate Expiry - Future Validity

Synopsis

There is a problem with the SSL certificate associated with the remote service.

Description

The SSL certificate for the remote SSL-enabled service is not yet valid.

Solution

Make sure that system clock on the Nessus Server host is not out of sync. If it's not, then purchase or generate a new SSL certificate to replace the existing one.

Risk Factor

None

Plugin Information

Published: 2009/12/02, Modified: 2012/04/02

Plugin Output

tcp/25000/www

```
The SSL certificate is not valid before Dec 16 15:38:18 2024 GMT :
```

```
Subject       : C=GB, ST=Canonical, L=Canonical, O=Canonical, OU=Canonical, CN=127.0.0.1
Issuer        : CN=10.152.183.1
Not valid before : Dec 16 15:38:18 2024 GMT
Not valid after  :
```

10863 - SSL Certificate Information

Synopsis

This plugin displays the SSL certificate.

Description

This plugin connects to every SSL-related port and attempts to extract and dump the X.509 certificate.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2008/05/19, Modified: 2021/02/03

Plugin Output

tcp/25000/www

```
Subject Name:

Country: GB
State/Province: Canonical
Locality: Canonical
Organization: Canonical
Organization Unit: Canonical
Common Name: 127.0.0.1

Issuer Name:

Common Name: 10.152.183.1

Serial Number: 61 24 D8 8C CE 56 7E 74 E1 6C 95 DC C5 4A 80 81 B7 A2 AC 56

Version: 3

Signature Algorithm: SHA-256 With RSA Encryption

Not Valid Before: Dec 16 15:38:18 2024 GMT
Not Valid After: Dec 16 15:38:18 2025 GMT

Public Key Info:

Algorithm: RSA Encryption
Key Length: 2048 bits
Public Key: 00 CF 65 63 E6 49 7A 56 1A 46 F8 E4 A5 1F 1C 44 10 D2 D0 06
             AD B3 20 AD 2D C7 B4 46 3C C7 84 1B 1E 78 42 C2 F6 9E 93 07
             A4 7D 6F D8 42 B2 55 28 C6 21 0A 4A FE 29 9B 75 6C B3 4D 84
             39 38 C9 D3 05 CC 66 20 18 D1 0E 15 2B B0 D6 4C 13 87 CD 03
             25 7C 70 0C 17 D7 90 39 90 36 7E 6F B7 84 8F 63 A8 60 6E 28
             11 3A 93 59 C7 ED 06 E6 DC 99 5F A6 1A 55 27 05 68 E5 75 4D
```

```
1B 2F 74 8D F8 22 AF B0 FF 05 43 30 8B F6 4D CD CE 0F 2F 49
A5 04 32 AE 6C 41 32 34 B9 45 6E 57 88 F6 7F 63 D7 00 AE B2
D7 6C EB 46 38 E5 52 B0 51 F8 C8 6A 9C 9A 7F 28 B7 07 ED 4D
AB C6 DB EB C1 A4 52 86 FE A3 AE FB A7 25 8A EC D7 AA 89 2F
5D B0 9F FA 33 87 BB DB 81 1A A4 06 E3 18 DB 33 54 EC 11 24
FB 6D 2C AC 68 E4 F7 EC 29 EC 10 46 F7 3B 28 E4 ED 79 BD BB
49 5A 35 9C B9 C2 4C C7 E4 CF 8E F7 AA 91 0E A5 D7
Exponent: 01 00 01

Signature Length: 256 bytes / 2048 bits
Signature: 00 73 B7 F9 51 E7 BF EE CA 41 17 32 24 54 1B AC 00 90 0D 4A
16 9C E2 9F 10 22 D0 8F CB 0F 94 77 9D 79 9D 07 79 5D 26 D6
80 0F B1 E7 E9 71 99 7A 83 0E 6B 0B 5C 07 96 81 96 BB 2B AD
FE 9B A0 E3 81 FC 4E 3C 6E 73 82 BD 24 98 C6 CB 36 15 E8 86
96 92 EB C9 4C 98 90 A1 F6 3B E7 B7 97 08 EE B6 54 8D F8 6E
57 D1 27 6E C7 C0 5D 5E CC 38 E6 FB 3D A9 E2 17 34 37 6C F3
89 86 C3 1C 37 CD C6 5C 76 A1 AB F8 F7 6F 67 1E 04 9F 90 68
8B 1C B9 7E FA 1F 94 52 7F 95 26 F3 27 4D 65 85 [...]
```

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/22/ssh

```
An SSH server is running on this port.
```

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/80/www

```
A web server is running on this port.
```

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/25000/www

```
A TLSv1.2 server answered on this port.
```

tcp/25000/www

```
A web server is running on this port through TLSv1.2.
```


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

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 192.168.75.154 to 192.168.75.145 :  
192.168.75.154  
192.168.75.145
```

```
Hop Count: 1
```

20094 - VMware Virtual Machine Detection

Synopsis

The remote host is a VMware virtual machine.

Description

According to the MAC address of its network adapter, the remote host is a VMware virtual machine.

Solution

Since it is physically accessible through the network, ensure that its configuration matches your organization's security policy.

Risk Factor

None

Plugin Information

Published: 2005/10/27, Modified: 2019/12/11

Plugin Output

tcp/0

```
The remote host is a VMware virtual machine.
```

66717 - mDNS Detection (Local Network)

Synopsis

It is possible to obtain information about the remote host.

Description

The remote service understands the Bonjour (also known as ZeroConf or mDNS) protocol, which allows anyone to uncover information from the remote host such as its operating system type and exact version, its hostname, and the list of services it is running.

This plugin attempts to discover mDNS used by hosts residing on the same network segment as Nessus.

Solution

Filter incoming traffic to UDP port 5353, if desired.

Risk Factor

None

Plugin Information

Published: 2013/05/31, Modified: 2013/05/31

Plugin Output

udp/5353/mdns

```
Nessus was able to extract the following information :
```

```
- mDNS hostname      : a.local.
```

192.168.75.154



Scan Information

Start time: Mon Dec 16 15:49:49 2024

End time: Mon Dec 16 15:52:23 2024

Host Information

IP: 192.168.75.154

OS: Linux Kernel 6.1.0-1parrot1-amd64

Vulnerabilities

51192 - SSL Certificate Cannot Be Trusted

Synopsis

The SSL certificate for this service cannot be trusted.

Description

The server's X.509 certificate cannot be trusted. This situation can occur in three different ways, in which the chain of trust can be broken, as stated below :

- First, the top of the certificate chain sent by the server might not be descended from a known public certificate authority. This can occur either when the top of the chain is an unrecognized, self-signed certificate, or when intermediate certificates are missing that would connect the top of the certificate chain to a known public certificate authority.
- Second, the certificate chain may contain a certificate that is not valid at the time of the scan. This can occur either when the scan occurs before one of the certificate's 'notBefore' dates, or after one of the certificate's 'notAfter' dates.
- Third, the certificate chain may contain a signature that either didn't match the certificate's information or could not be verified. Bad signatures can be fixed by getting the certificate with the bad signature to be re-signed by its issuer. Signatures that could not be verified are the result of the certificate's issuer using a signing algorithm that Nessus either does not support or does not recognize.

If the remote host is a public host in production, any break in the chain makes it more difficult for users to verify the authenticity and identity of the web server. This could make it easier to carry out man-in-the-middle attacks against the remote host.

See Also

<https://www.itu.int/rec/T-REC-X.509/en>

<https://en.wikipedia.org/wiki/X.509>

Solution

Purchase or generate a proper SSL certificate for this service.

Risk Factor

Medium

CVSS v3.0 Base Score

6.5 (CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:L/A:N)

CVSS v2.0 Base Score

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

Plugin Information

Published: 2010/12/15, Modified: 2020/04/27

Plugin Output

tcp/8834/www

```
The following certificate was at the top of the certificate
chain sent by the remote host, but it is signed by an unknown
certificate authority :
```

```
| -Subject : O=Nessus Users United/OU=Nessus Server/L=New York/C=US/ST=NY/CN=parrot
| -Issuer  : O=Nessus Users United/OU=Nessus Certification Authority/L=New York/C=US/ST=NY/CN=Nessus
            Certification Authority
```

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: 2024/11/22

Plugin Output

tcp/0

```
The remote operating system matched the following CPE :
```

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

```
Following application CPE's matched on the remote system :
```

```
cpe:/a:python:python:3.9.2 -> Python
```

```
cpe:/a:tenable:nessus -> Tenable Nessus
```

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 : 99
```


10107 - HTTP Server Type and Version

Synopsis

A web server is running on the remote host.

Description

This plugin attempts to determine the type and the version of the remote web server.

Solution

n/a

Risk Factor

None

References

XREF IAVT:0001-T-0931

Plugin Information

Published: 2000/01/04, Modified: 2020/10/30

Plugin Output

tcp/80/www

```
The remote web server type is :  
SimpleHTTP/0.6 Python/3.9.2
```

10107 - HTTP Server Type and Version

Synopsis

A web server is running on the remote host.

Description

This plugin attempts to determine the type and the version of the remote web server.

Solution

n/a

Risk Factor

None

References

XREF IAVT:0001-T-0931

Plugin Information

Published: 2000/01/04, Modified: 2020/10/30

Plugin Output

tcp/8834/www

```
The remote web server type is :
```

```
NessusWWW
```

24260 - HyperText Transfer Protocol (HTTP) Information

Synopsis

Some information about the remote HTTP configuration can be extracted.

Description

This test gives some information about the remote HTTP protocol - the version used, whether HTTP Keep-Alive is enabled, etc...

This test is informational only and does not denote any security problem.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2007/01/30, Modified: 2024/02/26

Plugin Output

tcp/80/www

Response Code : HTTP/1.0 200 OK

Protocol version : HTTP/1.0

HTTP/2 TLS Support: No

HTTP/2 Cleartext Support: No

SSL : no

Keep-Alive : no

Options allowed : (Not implemented)

Headers :

Server: SimpleHTTP/0.6 Python/3.9.2

Date: Mon, 16 Dec 2024 10:20:14 GMT

Content-type: text/html; charset=utf-8

Content-Length: 379

Response Body :

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN" "http://www.w3.org/TR/html4/strict.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8">
<title>Directory listing for /</title>
</head>
<body>
<h1>Directory listing for /</h1>
<hr>
<ul>
```

```
<li><a href="vm.exe">vm.exe</a></li>
<li><a href="vmware.elf">vmware.elf</a></li>
</ul>
<hr>
</body>
</html>
```

24260 - HyperText Transfer Protocol (HTTP) Information

Synopsis

Some information about the remote HTTP configuration can be extracted.

Description

This test gives some information about the remote HTTP protocol - the version used, whether HTTP Keep-Alive is enabled, etc...

This test is informational only and does not denote any security problem.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2007/01/30, Modified: 2024/02/26

Plugin Output

tcp/8834/www

Response Code : HTTP/1.1 200 OK

Protocol version : HTTP/1.1

HTTP/2 TLS Support: No

HTTP/2 Cleartext Support: No

SSL : yes

Keep-Alive : no

Options allowed : (Not implemented)

Headers :

Cache-Control: must-revalidate

X-Frame-Options: DENY

Content-Type: text/html

ETag: 0aa737dda76353ba4a8490529924d3e1

Connection: close

X-XSS-Protection: 1; mode=block

Server: NessusWWW

Date: Mon, 16 Dec 2024 10:20:14 GMT

X-Content-Type-Options: nosniff

Content-Length: 1217

Content-Security-Policy: upgrade-insecure-requests; block-all-mixed-content; form-action 'self'; frame-ancestors 'none'; frame-src https://store.tenable.com; default-src 'self'; connect-src 'self' www.tenable.com; script-src 'self' www.tenable.com; img-src 'self' data:; style-src 'self' www.tenable.com; object-src 'none'; base-uri 'self';

Strict-Transport-Security: max-age=31536000

Expect-CT: max-age=0

Response Body :

```
<!doctype html>
<html lang="en">
  <head>
    <meta http-equiv="X-UA-Compatible" content="IE=edge,chrome=1" />
    <meta http-equiv="Content-Security-Policy" content="upgrade-insecure-requests; block-all-
mixed-content; form-action 'self'; frame-src https://store.tenable.com; default-src 'self'; connect-
src 'self' www.tenable.com; script-src 'self' www.tenable.com; img-src 'self' data;; style-src
'self' www.tenable.com; object-src 'none'; base-uri 'self';" />
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <meta charset="utf-8" />
    <title>Nessus</title>
    <link rel="stylesheet" href="nessus6.css?v=1725650918429" id="theme-link" />
    <link rel="stylesheet" href="tenable_links.css?v=ac05d80f1e3731b79d12103cdf9367fc" />
    <link rel="stylesheet" href="wizard_templates.css?v=61a02598d143e4acb562b6862a59d0cd" />
    <!--[if lt IE 11]>
      <script>
        window.location = '/unsupported6.html';
      </script>
    <![endif]-->
    <script src="nessus6.js?v=1725650918429"></script>
    <script src="pendo-client.js"></s [...]
```

193143 - Linux Time Zone Information

Synopsis

Nessus was able to collect and report time zone information from the remote host.

Description

Nessus was able to collect time zone information from the remote Linux host.

Solution

None

Risk Factor

None

Plugin Information

Published: 2024/04/10, Modified: 2024/04/10

Plugin Output

tcp/0

```
Via date: IST +0530
Via timedatectl: Time zone: Asia/Kolkata (IST, +0530)
Via /etc/timezone: Asia/Kolkata
Via /etc/localtime: IST-5:30
```

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: 2024/10/04

Plugin Output

tcp/0

Information about this scan :

```
Nessus version : 10.8.3
Nessus build : 20010
Plugin feed version : 202412160632
Scanner edition used : Nessus Home
Scanner OS : LINUX
Scanner distribution : debian10-x86-64
Scan type : Normal
Scan name : first_scan
```



```
Scan policy used : Basic Network Scan
Scanner IP : 192.168.75.154
Ping RTT : Unavailable
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
Credentialled 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 : None
Allow post-scan editing : Yes
Nessus Plugin Signature Checking : Enabled
Audit File Signature Checking : Disabled
Scan Start Date : 2024/12/16 15:49 IST
Scan duration : 154 sec
Scan for malware : no
```

10147 - Nessus Server Detection

Synopsis

A Nessus daemon is listening on the remote port.

Description

A Nessus daemon is listening on the remote port.

See Also

<https://www.tenable.com/products/nessus/nessus-professional>

Solution

Ensure that the remote Nessus installation has been authorized.

Risk Factor

None

References

XREF IAVT:0001-T-0673

Plugin Information

Published: 1999/10/12, Modified: 2023/02/08

Plugin Output

tcp/8834/www

```
URL      : https://192.168.75.154:8834/  
Version  : unknown
```

64582 - Netstat Connection Information

Synopsis

Nessus was able to parse the results of the 'netstat' command on the remote host.

Description

The remote host has listening ports or established connections that Nessus was able to extract from the results of the 'netstat' command.

Note: The output for this plugin can be very long, and is not shown by default. To display it, enable verbose reporting in scan settings.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2013/02/13, Modified: 2023/05/23

Plugin Output

tcp/0

14272 - Netstat Portscanner (SSH)

Synopsis

Remote open ports can be enumerated via SSH.

Description

Nessus was able to run 'netstat' on the remote host to enumerate the open ports. If 'netstat' is not available, the plugin will attempt to use 'ss'.

See the section 'plugins options' about configuring this plugin.

Note: This plugin will run on Windows (using netstat.exe) in the event that the target being scanned is localhost.

See Also

<https://en.wikipedia.org/wiki/Netstat>

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2004/08/15, Modified: 2024/10/28

Plugin Output

tcp/80/www

```
Port 80/tcp was found to be open
```

14272 - Netstat Portscanner (SSH)

Synopsis

Remote open ports can be enumerated via SSH.

Description

Nessus was able to run 'netstat' on the remote host to enumerate the open ports. If 'netstat' is not available, the plugin will attempt to use 'ss'.

See the section 'plugins options' about configuring this plugin.

Note: This plugin will run on Windows (using netstat.exe) in the event that the target being scanned is localhost.

See Also

<https://en.wikipedia.org/wiki/Netstat>

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2004/08/15, Modified: 2024/10/28

Plugin Output

tcp/8834/www

```
Port 8834/tcp was found to be open
```

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: 2024/10/14

Plugin Output

tcp/0

```
Remote operating system : Linux Kernel 6.1.0-lparrot1-amd64
Confidence level : 99
Method : uname
```

```
The remote host is running Linux Kernel 6.1.0-lparrot1-amd64
```

97993 - OS Identification and Installed Software Enumeration over SSH v2 (Using New SSH Library)

Synopsis

Information about the remote host can be disclosed via an authenticated session.

Description

Nessus was able to login to the remote host using SSH or local commands and extract the list of installed packages.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2017/05/30, Modified: 2024/10/15

Plugin Output

tcp/0

```
Nessus can run commands on localhost to check if patches are applied.
```

```
The output of "uname -a" is :
```

```
Linux parrot 6.1.0-lparrot1-amd64 #1 SMP PREEMPT_DYNAMIC Parrot 6.1.15-lparrot1 (2023-04-25) x86_64  
GNU/Linux
```

```
Local checks have been enabled for this host.
```

```
We are able to run commands on the remote host, but are unable to  
currently identify it in this plugin.
```

```
Runtime : 7.216918 seconds
```

117886 - OS Security Patch Assessment Not Available

Synopsis

OS Security Patch Assessment is not available.

Description

OS Security Patch Assessment is not available on the remote host.

This does not necessarily indicate a problem with the scan.

Credentials may not have been provided, OS security patch assessment may not be supported for the target, the target may not have been identified, or another issue may have occurred that prevented OS security patch assessment from being available. See plugin output for details.

This plugin reports non-failure information impacting the availability of OS Security Patch Assessment. Failure information is reported by plugin 21745 : 'OS Security Patch Assessment failed'. If a target host is not supported for OS Security Patch Assessment, plugin 110695 : 'OS Security Patch Assessment Checks Not Supported' will report concurrently with this plugin.

Solution

n/a

Risk Factor

None

References

XREF IAVB:0001-B-0515

Plugin Information

Published: 2018/10/02, Modified: 2021/07/12

Plugin Output

tcp/0

The following issues were reported :

```
- Plugin      : ssh_get_info2.nasl
  Plugin ID   : 97993
  Plugin Name : OS Identification and Installed Software Enumeration over SSH v2 (Using New SSH
  Library)
  Protocol    : LOCALHOST
  Message     : Debian version does not match known patterns
```


122364 - Python Remote HTTP Detection

Synopsis

Python is running on the remote host.

Description

A web server is running Python on the remote host.

Note that the web server may be running on top of Python, or just running an embedded version.

See Also

<https://www.python.org/>

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2019/02/21, Modified: 2024/11/27

Plugin Output

tcp/80/www

```
Path      : /  
Version   : 3.9.2  
Product   : Python
```

56984 - SSL / TLS Versions Supported

Synopsis

The remote service encrypts communications.

Description

This plugin detects which SSL and TLS versions are supported by the remote service for encrypting communications.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2011/12/01, Modified: 2023/07/10

Plugin Output

tcp/8834/www

```
This port supports TLSv1.3/TLSv1.2.
```

10863 - SSL Certificate Information

Synopsis

This plugin displays the SSL certificate.

Description

This plugin connects to every SSL-related port and attempts to extract and dump the X.509 certificate.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2008/05/19, Modified: 2021/02/03

Plugin Output

tcp/8834/www

Subject Name:

Organization: Nessus Users United
Organization Unit: Nessus Server
Locality: New York
Country: US
State/Province: NY
Common Name: parrot

Issuer Name:

Organization: Nessus Users United
Organization Unit: Nessus Certification Authority
Locality: New York
Country: US
State/Province: NY
Common Name: Nessus Certification Authority

Serial Number: 4C 18

Version: 3

Signature Algorithm: SHA-256 With RSA Encryption

Not Valid Before: Dec 16 09:23:47 2024 GMT

Not Valid After: Dec 15 09:23:47 2028 GMT

Public Key Info:

Algorithm: RSA Encryption
Key Length: 2048 bits
Public Key: 00 B6 04 6B D5 F9 BD A4 57 98 2A 2F 7B 80 FC BA 98 1F 7B 3C

```
B6 FD D8 0F B4 68 4A CC 26 64 61 BB F6 D8 86 9B F4 A9 88 0E
39 9E B4 80 F7 B7 C1 A6 6F C6 6A 0C F4 16 3B 69 4E 0D AB 4B
36 09 D3 8D 39 E3 0F E7 A5 CA 15 8A D4 3F 37 46 19 CE 64 C0
67 EE 00 BB 45 8E C0 91 16 65 85 8A 80 F0 8C ED 16 38 07 A3
B6 B6 C4 CE C4 45 60 3F 4B B6 EE 88 07 25 8F 2B DF DB 7B 3D
24 97 D6 A3 65 E9 91 BA 55 7B 28 D3 9F B0 9A 75 6B 09 17 70
21 53 04 3B 76 77 F7 AC FD 37 57 CA CF B5 0F 30 A8 F5 8D C5
F5 34 C7 AA F4 A7 1B C2 3C BE 30 29 81 5B A2 04 6C 3C F7 3E
77 92 C8 0B 4F 33 E9 3B 7F E9 0E 45 37 1F 1D 71 91 56 DF CC
EB 1A 8D 70 6C 62 77 C5 60 75 F9 1C 87 DD 0B B3 17 44 8C 31
52 E6 0B 09 5E A6 A4 10 09 8A 86 C8 C1 36 84 0A BF F9 58 BD
15 ED 6A 8F 5D 17 C6 D4 27 19 B1 B2 7D 5A 42 E5 F7
```

Exponent: 01 00 01

Signature Length: 256 bytes / 2048 bits

Signature: 00 0F E9 4D 76 0D D0 84 85 91 2B 7D 18 FC D2 B6 4A 1E 71 89
07 6E 35 52 E6 E5 03 A3 8B 82 50 BF 46 0E D3 24 53 C6 2E F3
04 4F 83 6E A2 28 5C 3B AC 45 6D F6 BD CC E0 D1 0B D3 73 9A
2D 23 82 CE 19 04 7F 6B A6 F3 C2 97 56 C2 77 BE DC 4B 9C 4D
51 D8 A3 2A 1C 27 F4 5B 5F E9 FA 97 B2 D2 44 31 58 3B 01 D5
EE CD 17 CB FE CF 13 01 43 A2 13 E8 90 82 47 CD 19 52 90 64
54 CC 4A 97 4F 1C D [...]

21643 - SSL Cipher Suites Supported

Synopsis

The remote service encrypts communications using SSL.

Description

This plugin detects which SSL ciphers are supported by the remote service for encrypting communications.

See Also

<https://www.openssl.org/docs/man1.0.2/man1/ciphers.html>

<http://www.nessus.org/u?e17ffcd>

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2006/06/05, Modified: 2024/09/11

Plugin Output

tcp/8834/www

```
Here is the list of SSL ciphers supported by the remote server :
Each group is reported per SSL Version.
```

```
SSL Version : TLSv13
```

```
High Strength Ciphers (>= 112-bit key)
```

Name	Code	KEX	Auth	Encryption	MAC
-----	-----	---	----	-----	---
TLS_AES_128_GCM_SHA256	0x13, 0x01	-	-	AES-GCM(128)	
AEAD					
TLS_AES_256_GCM_SHA384	0x13, 0x02	-	-	AES-GCM(256)	
AEAD					
TLS_CHACHA20_POLY1305_SHA256	0x13, 0x03	-	-	ChaCha20-Poly1305(256)	
AEAD					

```
SSL Version : TLSv12
```

```
High Strength Ciphers (>= 112-bit key)
```

Name	Code	KEX	Auth	Encryption	MAC
-----	-----	---	----	-----	---
ECDHE-RSA-AES128-SHA256	0xC0, 0x2F	ECDH	RSA	AES-GCM(128)	
SHA256					

ECDHE-RSA-AES256-SHA384	0xC0, 0x30	ECDH	RSA	AES-GCM(256)
SHA384				

The fields above are :

```
{Tenable ciphername}  
{Cipher ID code}  
Kex={key exchange}  
Auth={authentication}  
Encrypt={symmetric encryption method}  
MAC={message authentication code}  
{export flag}
```

57041 - SSL Perfect Forward Secrecy Cipher Suites Supported

Synopsis

The remote service supports the use of SSL Perfect Forward Secrecy ciphers, which maintain confidentiality even if the key is stolen.

Description

The remote host supports the use of SSL ciphers that offer Perfect Forward Secrecy (PFS) encryption. These cipher suites ensure that recorded SSL traffic cannot be broken at a future date if the server's private key is compromised.

See Also

<https://www.openssl.org/docs/manmaster/man1/ciphers.html>

https://en.wikipedia.org/wiki/Diffie-Hellman_key_exchange

https://en.wikipedia.org/wiki/Perfect_forward_secrecy

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2011/12/07, Modified: 2021/03/09

Plugin Output

tcp/8834/www

Here is the list of SSL PFS ciphers supported by the remote server :

High Strength Ciphers (>= 112-bit key)

Name	Code	KEX	Auth	Encryption	MAC
-----	-----	---	----	-----	---
ECDHE-RSA-AES128-SHA256	0xC0, 0x2F	ECDH	RSA	AES-GCM(128)	
SHA256					
ECDHE-RSA-AES256-SHA384	0xC0, 0x30	ECDH	RSA	AES-GCM(256)	
SHA384					

The fields above are :

{Tenable ciphertype}
{Cipher ID code}
Kex={key exchange}
Auth={authentication}

```
Encrypt={symmetric encryption method}  
MAC={message authentication code}  
{export flag}
```


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/80/www

```
A web server is running on this port.
```

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/8834/www

```
A TLSv1.2 server answered on this port.
```

tcp/8834/www

```
A web server is running on this port through TLSv1.2.
```

42822 - Strict Transport Security (STS) Detection

Synopsis

The remote web server implements Strict Transport Security.

Description

The remote web server implements Strict Transport Security (STS).

The goal of STS is to make sure that a user does not accidentally downgrade the security of his or her browser.

All unencrypted HTTP connections are redirected to HTTPS. The browser is expected to treat all cookies as 'secure' and to close the connection in the event of potentially insecure situations.

See Also

<http://www.nessus.org/u?2fb3aca6>

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2009/11/16, Modified: 2019/11/22

Plugin Output

tcp/8834/www

The STS header line is :

Strict-Transport-Security: max-age=31536000

136318 - TLS Version 1.2 Protocol Detection

Synopsis

The remote service encrypts traffic using a version of TLS.

Description

The remote service accepts connections encrypted using TLS 1.2.

See Also

<https://tools.ietf.org/html/rfc5246>

Solution

N/A

Risk Factor

None

Plugin Information

Published: 2020/05/04, Modified: 2020/05/04

Plugin Output

tcp/8834/www

```
TLSv1.2 is enabled and the server supports at least one cipher.
```

138330 - TLS Version 1.3 Protocol Detection

Synopsis

The remote service encrypts traffic using a version of TLS.

Description

The remote service accepts connections encrypted using TLS 1.3.

See Also

<https://tools.ietf.org/html/rfc8446>

Solution

N/A

Risk Factor

None

Plugin Information

Published: 2020/07/09, Modified: 2023/12/13

Plugin Output

tcp/8834/www

```
TLSv1.3 is enabled and the server supports at least one cipher.
```