



Basic_Level1

Report generated by Tenable Nessus™

Fri, 13 Dec 2024 05:51:47 EST

TABLE OF CONTENTS

Vulnerabilities by Host

• 192.168.1.1.....	4
• 192.168.1.102.....	182
• 192.168.1.103.....	234

Compliance 'FAILED'

Compliance 'SKIPPED'

Compliance 'PASSED'

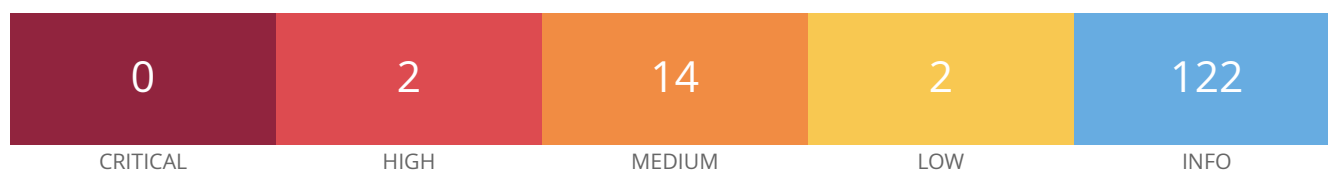
Compliance 'INFO', 'WARNING', 'ERROR'

Remediations

• Suggested Remediations.....	272
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Vulnerabilities by Host

192.168.1.1



Scan Information

Start time: Fri Dec 13 05:38:00 2024

End time: Fri Dec 13 05:51:47 2024

Host Information

Netbios Name: DC-SERVER1

IP: 192.168.1.1

MAC Address: 08:00:27:84:26:88

OS: Microsoft Windows Server 2022 Standard Evaluation 20348

Vulnerabilities

42873 - SSL Medium Strength Cipher Suites Supported (SWEET32)

Synopsis

The remote service supports the use of medium strength SSL ciphers.

Description

The remote host supports the use of SSL ciphers that offer medium strength encryption. Nessus regards medium strength as any encryption that uses key lengths at least 64 bits and less than 112 bits, or else that uses the 3DES encryption suite.

Note that it is considerably easier to circumvent medium strength encryption if the attacker is on the same physical network.

See Also

<https://www.openssl.org/blog/blog/2016/08/24/sweet32/>

<https://sweet32.info>

Solution

Reconfigure the affected application if possible to avoid use of medium strength ciphers.

Risk Factor

Medium

CVSS v3.0 Base Score

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

VPR Score

5.1

EPSS Score

0.0053

CVSS v2.0 Base Score

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

References

CVE CVE-2016-2183

Plugin Information

Published: 2009/11/23, Modified: 2021/02/03

Plugin Output

tcp/443/www

Medium Strength Ciphers (> 64-bit and < 112-bit key, or 3DES)

Name	Code	KEX	Auth	Encryption	MAC
-----	-----	---	----	-----	---
DES-CBC3-SHA SHA1	0x00, 0x0A	RSA	RSA	3DES-CBC (168)	

The fields above are :

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

42873 - SSL Medium Strength Cipher Suites Supported (SWEET32)

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The remote service supports the use of medium strength SSL ciphers.

Description

The remote host supports the use of SSL ciphers that offer medium strength encryption. Nessus regards medium strength as any encryption that uses key lengths at least 64 bits and less than 112 bits, or else that uses the 3DES encryption suite.

Note that it is considerably easier to circumvent medium strength encryption if the attacker is on the same physical network.

See Also

<https://www.openssl.org/blog/blog/2016/08/24/sweet32/>

<https://sweet32.info>

Solution

Reconfigure the affected application if possible to avoid use of medium strength ciphers.

Risk Factor

Medium

CVSS v3.0 Base Score

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

VPR Score

5.1

EPSS Score

0.0053

CVSS v2.0 Base Score

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

References

CVE CVE-2016-2183

Plugin Information

Published: 2009/11/23, Modified: 2021/02/03

Plugin Output

tcp/3389/msrdp

```
Medium Strength Ciphers (> 64-bit and < 112-bit key, or 3DES)

Name          Code      KEX      Auth      Encryption      MAC
-----
DES-CBC3-SHA  0x00, 0x0A  RSA      RSA      3DES-CBC (168)
SHA1

The fields above are :

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

10043 - Chargen UDP Service Remote DoS

Synopsis

The remote host is running a 'chargen' service.

Description

When contacted, chargen responds with some random characters (something like all the characters in the alphabet in a row). When contacted via UDP, it will respond with a single UDP packet. When contacted via TCP, it will continue spewing characters until the client closes the connection.

The purpose of this service was to mostly test the TCP/IP protocol by itself, to make sure that all the packets were arriving at their destination unaltered. It is unused these days, so it is suggested you disable it, as an attacker may use it to set up an attack against this host, or against a third-party host using this host as a relay.

An easy attack is 'ping-pong' in which an attacker spoofs a packet between two machines running chargen. This will cause them to spew characters at each other, slowing the machines down and saturating the network.

See Also

<http://www.nessus.org/u?f0dbdf05>

Solution

- Under Unix systems, comment out the 'chargen' line in /etc/inetd.conf and restart the inetd process

- Under Windows systems, set the following registry keys to 0 :

HKLM\System\CurrentControlSet\Services\SimpTCP\Parameters\EnableTcpChargen HKLM\System\CurrentControlSet\Services\SimpTCP\Parameters\EnableUdpChargen

Then launch cmd.exe and type :

```
net stop simptcp net start simptcp
```

To restart the service.

Risk Factor

Medium

VPR Score

3.6

EPSS Score

0.8755

CVSS v2.0 Base Score

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

References

CVE CVE-1999-0103

Exploitable With

Metasploit (true)

Plugin Information

Published: 1999/11/29, Modified: 2020/06/12

Plugin Output

udp/19

10061 - Echo Service Detection

Synopsis

An echo service is running on the remote host.

Description

The remote host is running the 'echo' service. This service echoes any data which is sent to it.

This service is unused these days, so it is strongly advised that you disable it, as it may be used by attackers to set up denial of services attacks against this host.

Solution

Below are some examples of how to disable the echo service on some common platforms, however many services can exhibit this behavior and the list below is not exhaustive.

Consult vendor documentation for the service exhibiting the echo behavior for more information.

- Under Unix systems, comment out the 'echo' line in /etc/inetd.conf and restart the inetd process.
- Under Ubuntu systems, comment out the 'echo' line in /etc/systemd/system.conf and retart the systemd service.

- Under Windows systems, set the following registry key to 0 :

HKLM\System\CurrentControlSet\Services\SimpTCP\Parameters\EnableTcpEcho HKLM\System\CurrentControlSet\Services\SimpTCP\Parameters\EnableUdpEcho

Then launch cmd.exe and type :

```
net stop simptcp net start simptcp
```

To restart the service.

Risk Factor

Medium

CVSS v3.0 Base Score

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

VPR Score

4.2

EPSS Score

0.8755

CVSS v2.0 Base Score

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

References

CVE CVE-1999-0103

CVE CVE-1999-0635

Plugin Information

Published: 1999/06/22, Modified: 2020/06/12

Plugin Output

tcp/7/echo

10061 - Echo Service Detection

Synopsis

An echo service is running on the remote host.

Description

The remote host is running the 'echo' service. This service echoes any data which is sent to it.

This service is unused these days, so it is strongly advised that you disable it, as it may be used by attackers to set up denial of services attacks against this host.

Solution

Below are some examples of how to disable the echo service on some common platforms, however many services can exhibit this behavior and the list below is not exhaustive.

Consult vendor documentation for the service exhibiting the echo behavior for more information.

- Under Unix systems, comment out the 'echo' line in /etc/inetd.conf and restart the inetd process.
- Under Ubuntu systems, comment out the 'echo' line in /etc/systemd/system.conf and retart the systemd service.

- Under Windows systems, set the following registry key to 0 :

HKLM\System\CurrentControlSet\Services\SimpTCP\Parameters\EnableTcpEcho HKLM\System\CurrentControlSet\Services\SimpTCP\Parameters\EnableUdpEcho

Then launch cmd.exe and type :

```
net stop simptcp net start simptcp
```

To restart the service.

Risk Factor

Medium

CVSS v3.0 Base Score

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

VPR Score

4.2

EPSS Score

0.8755

CVSS v2.0 Base Score

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

References

CVE CVE-1999-0103

CVE CVE-1999-0635

Plugin Information

Published: 1999/06/22, Modified: 2020/06/12

Plugin Output

udp/7

10198 - Quote of the Day (QOTD) Service Detection

Synopsis

The quote service (qotd) is running on this host.

Description

A server listens for TCP connections on TCP port 17. Once a connection is established a short message is sent out the connection (and any data received is thrown away). The service closes the connection after sending the quote.

Another quote of the day service is defined as a datagram based application on UDP. A server listens for UDP datagrams on UDP port 17.

When a datagram is received, an answering datagram is sent containing a quote (the data in the received datagram is ignored).

An easy attack is 'pingpong' which IP spoofs a packet between two machines running qotd. This will cause them to spew characters at each other, slowing the machines down and saturating the network.

Solution

- Under Unix systems, comment out the 'qotd' line in /etc/inetd.conf and restart the inetd process

- Under Windows systems, set the following registry keys to 0 :

HKLM\System\CurrentControlSet\Services\SimpTCP\Parameters\EnableTcpQotd HKLM\System\CurrentControlSet\Services\SimpTCP\Parameters\EnableUdpQotd Then launch cmd.exe and type :

net stop simptcp net start simptcp To restart the service.

Risk Factor

Medium

CVSS v3.0 Base Score

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

VPR Score

3.6

EPSS Score

0.8755

CVSS v2.0 Base Score

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

References

CVE CVE-1999-0103

Plugin Information

Published: 1999/11/30, Modified: 2019/10/04

Plugin Output

tcp/17/qotd

10198 - Quote of the Day (QOTD) Service Detection

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The quote service (qotd) is running on this host.

Description

A server listens for TCP connections on TCP port 17. Once a connection is established a short message is sent out the connection (and any data received is thrown away). The service closes the connection after sending the quote.

Another quote of the day service is defined as a datagram based application on UDP. A server listens for UDP datagrams on UDP port 17.

When a datagram is received, an answering datagram is sent containing a quote (the data in the received datagram is ignored).

An easy attack is 'pingpong' which IP spoofs a packet between two machines running qotd. This will cause them to spew characters at each other, slowing the machines down and saturating the network.

Solution

- Under Unix systems, comment out the 'qotd' line in /etc/inetd.conf and restart the inetd process

- Under Windows systems, set the following registry keys to 0 :

HKLM\System\CurrentControlSet\Services\SimpTCP\Parameters\EnableTcpQotd HKLM\System\CurrentControlSet\Services\SimpTCP\Parameters\EnableUdpQotd Then launch cmd.exe and type :

net stop simptcp net start simptcp To restart the service.

Risk Factor

Medium

CVSS v3.0 Base Score

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

VPR Score

3.6

EPSS Score

0.8755

CVSS v2.0 Base Score

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

References

CVE CVE-1999-0103

Plugin Information

Published: 1999/11/30, Modified: 2019/10/04

Plugin Output

udp/17/qotd

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/443/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 : CN=DC-Server1  
| -Issuer  : CN=DC-Server1
```

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/3389/msrdp

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 : CN=DC-Server1.accb6000.local  
| -Issuer  : CN=DC-Server1.accb6000.local
```

57582 - SSL Self-Signed Certificate

Synopsis

The SSL certificate chain for this service ends in an unrecognized self-signed certificate.

Description

The X.509 certificate chain for this service is not signed by a recognized certificate authority. If the remote host is a public host in production, this nullifies the use of SSL as anyone could establish a man-in-the-middle attack against the remote host.

Note that this plugin does not check for certificate chains that end in a certificate that is not self-signed, but is signed by an unrecognized certificate authority.

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: 2012/01/17, Modified: 2022/06/14

Plugin Output

tcp/443/www

The following certificate was found at the top of the certificate chain sent by the remote host, but is self-signed and was not found in the list of known certificate authorities :

| -Subject : CN=DC-Server1

57582 - SSL Self-Signed Certificate

Synopsis

The SSL certificate chain for this service ends in an unrecognized self-signed certificate.

Description

The X.509 certificate chain for this service is not signed by a recognized certificate authority. If the remote host is a public host in production, this nullifies the use of SSL as anyone could establish a man-in-the-middle attack against the remote host.

Note that this plugin does not check for certificate chains that end in a certificate that is not self-signed, but is signed by an unrecognized certificate authority.

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: 2012/01/17, Modified: 2022/06/14

Plugin Output

tcp/3389/msrdp

```
The following certificate was found at the top of the certificate
chain sent by the remote host, but is self-signed and was not
found in the list of known certificate authorities :
```

```
| -Subject : CN=DC-Server1.accb6000.local
```

104743 - TLS Version 1.0 Protocol Detection

Synopsis

The remote service encrypts traffic using an older version of TLS.

Description

The remote service accepts connections encrypted using TLS 1.0. TLS 1.0 has a number of cryptographic design flaws. Modern implementations of TLS 1.0 mitigate these problems, but newer versions of TLS like 1.2 and 1.3 are designed against these flaws and should be used whenever possible.

As of March 31, 2020, Endpoints that aren't enabled for TLS 1.2 and higher will no longer function properly with major web browsers and major vendors.

PCI DSS v3.2 requires that TLS 1.0 be disabled entirely by June 30, 2018, except for POS POI terminals (and the SSL/TLS termination points to which they connect) that can be verified as not being susceptible to any known exploits.

See Also

<https://tools.ietf.org/html/draft-ietf-tls-oldversions-deprecate-00>

Solution

Enable support for TLS 1.2 and 1.3, and disable support for TLS 1.0.

Risk Factor

Medium

CVSS v3.0 Base Score

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

CVSS v2.0 Base Score

6.1 (CVSS2#AV:N/AC:H/Au:N/C:C/I:P/A:N)

References

XREF CWE:327

Plugin Information

Published: 2017/11/22, Modified: 2023/04/19

Plugin Output

tcp/443/www

TLsv1 is enabled and the server supports at least one cipher.

104743 - TLS Version 1.0 Protocol Detection

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PCI DSS v3.2 requires that TLS 1.0 be disabled entirely by June 30, 2018, except for POS POI terminals (and the SSL/TLS termination points to which they connect) that can be verified as not being susceptible to any known exploits.

See Also

<https://tools.ietf.org/html/draft-ietf-tls-oldversions-deprecate-00>

Solution

Enable support for TLS 1.2 and 1.3, and disable support for TLS 1.0.

Risk Factor

Medium

CVSS v3.0 Base Score

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

CVSS v2.0 Base Score

6.1 (CVSS2#AV:N/AC:H/Au:N/C:C/I:P/A:N)

References

XREF CWE:327

Plugin Information

Published: 2017/11/22, Modified: 2023/04/19

Plugin Output

tcp/3389/msrdp

TLsv1 is enabled and the server supports at least one cipher.

157288 - TLS Version 1.1 Deprecated Protocol

Synopsis

The remote service encrypts traffic using an older version of TLS.

Description

The remote service accepts connections encrypted using TLS 1.1. TLS 1.1 lacks support for current and recommended cipher suites. Ciphers that support encryption before MAC computation, and authenticated encryption modes such as GCM cannot be used with TLS 1.1

As of March 31, 2020, Endpoints that are not enabled for TLS 1.2 and higher will no longer function properly with major web browsers and major vendors.

See Also

<https://datatracker.ietf.org/doc/html/rfc8996>

<http://www.nessus.org/u?c8ae820d>

Solution

Enable support for TLS 1.2 and/or 1.3, and disable support for TLS 1.1.

Risk Factor

Medium

CVSS v3.0 Base Score

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

CVSS v2.0 Base Score

6.1 (CVSS2#AV:N/AC:H/Au:N/C:C/I:P/A:N)

References

XREF CWE:327

Plugin Information

Published: 2022/04/04, Modified: 2024/05/14

Plugin Output

tcp/443/www

TLSv1.1 is enabled and the server supports at least one cipher.

157288 - TLS Version 1.1 Deprecated Protocol

Synopsis

The remote service encrypts traffic using an older version of TLS.

Description

The remote service accepts connections encrypted using TLS 1.1. TLS 1.1 lacks support for current and recommended cipher suites. Ciphers that support encryption before MAC computation, and authenticated encryption modes such as GCM cannot be used with TLS 1.1

As of March 31, 2020, Endpoints that are not enabled for TLS 1.2 and higher will no longer function properly with major web browsers and major vendors.

See Also

<https://datatracker.ietf.org/doc/html/rfc8996>

<http://www.nessus.org/u?c8ae820d>

Solution

Enable support for TLS 1.2 and/or 1.3, and disable support for TLS 1.1.

Risk Factor

Medium

CVSS v3.0 Base Score

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

CVSS v2.0 Base Score

6.1 (CVSS2#AV:N/AC:H/Au:N/C:C/I:P/A:N)

References

XREF CWE:327

Plugin Information

Published: 2022/04/04, Modified: 2024/05/14

Plugin Output

tcp/3389/msrdp

TLSv1.1 is enabled and the server supports at least one cipher.

58453 - Terminal Services Doesn't Use Network Level Authentication (NLA) Only

Synopsis

The remote Terminal Services doesn't use Network Level Authentication only.

Description

The remote Terminal Services is not configured to use Network Level Authentication (NLA) only. NLA uses the Credential Security Support Provider (CredSSP) protocol to perform strong server authentication either through TLS/SSL or Kerberos mechanisms, which protect against man-in-the-middle attacks. In addition to improving authentication, NLA also helps protect the remote computer from malicious users and software by completing user authentication before a full RDP connection is established.

See Also

[https://docs.microsoft.com/en-us/previous-versions/windows/it-pro/windows-server-2008-R2-and-2008/cc732713\(v=ws.11\)](https://docs.microsoft.com/en-us/previous-versions/windows/it-pro/windows-server-2008-R2-and-2008/cc732713(v=ws.11))

<http://www.nessus.org/u?e2628096>

Solution

Enable Network Level Authentication (NLA) on the remote RDP server. This is generally done on the 'Remote' tab of the 'System' settings on Windows.

Risk Factor

Medium

CVSS v3.0 Base Score

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

CVSS v2.0 Base Score

4.3 (CVSS2#AV:N/AC:M/Au:N/C:P/I:N/A:N)

Plugin Information

Published: 2012/03/23, Modified: 2024/07/17

Plugin Output

tcp/3389/msrdp

```
Nessus was able to negotiate non-NLA (Network Level Authentication) security.
```

10663 - DHCP Server Detection

Synopsis

The remote DHCP server may expose information about the associated network.

Description

This script contacts the remote DHCP server (if any) and attempts to retrieve information about the network layout.

Some DHCP servers provide sensitive information such as the NIS domain name, or network layout information such as the list of the network web servers, and so on.

It does not demonstrate any vulnerability, but a local attacker may use DHCP to become intimately familiar with the associated network.

Solution

Apply filtering to keep this information off the network and remove any options that are not in use.

Risk Factor

Low

CVSS v2.0 Base Score

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

Plugin Information

Published: 2001/05/05, Modified: 2019/03/06

Plugin Output

udp/67

```
Nessus gathered the following information from the remote DHCP server :
```

```
Master DHCP server of this network : 192.168.1.1
IP address the DHCP server would attribute us : 192.168.1.104
Netmask : 255.255.255.0
DHCP server(s) identifier : 192.168.1.1
Router : 192.168.1.1
Domain name server(s) : 10.0.3.15 , 192.168.1.1
Domain name : accb6000.local
```

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

```
This host returns non-standard timestamps (high bit is set)
```

The ICMP timestamps might be in little endian format (not in network format)
The difference between the local and remote clocks is -23897 seconds.

10761 - COM+ Internet Services (CIS) Server Detection

Synopsis

A COM+ Internet Services (CIS) server is listening on this port.

Description

COM+ Internet Services are RPC over HTTP tunneling and require IIS to operate. CIS ports shouldn't be visible on internet but only behind a firewall.

See Also

<http://www.nessus.org/u?d02f7e6e>

<https://support.microsoft.com/en-us/support/kb/articles/q282/2/61.asp>

Solution

If you do not use this service, disable it with DCOMCNFG.

Otherwise, limit access to this port.

Risk Factor

None

Plugin Information

Published: 2001/09/14, Modified: 2019/11/22

Plugin Output

tcp/3388/ncacn_http

```
Server banner :  
ncacn_http/1.0
```

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:microsoft:windows_server_2022 -> Microsoft Windows Server 2022
```

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

```
cpe:/a:microsoft:iis:10.0 -> Microsoft IIS
```

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 : 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 : NTDS_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 : OLE9B4B1107E87D27FB2A9A7626AAB0

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 : 51a227ae-825b-41f2-b4a9-1ac9557a1018, version 1.0
Description : Unknown RPC service
Annotation : Ngc Pop Key Service
Type : Local RPC service
Named pipe : protected_storage

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-4d087f2bf987ff4a25

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-4d087f2bf987ff4a25

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 572e35b4-1344-4565-96a1-f5df3bfa89bb, version 1.0
De [...]
```

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/cifs

The following DCERPC services are available remotely :

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
Named pipe : \pipe\1cd04cb6a1c792d8
Netbios name : \\DC-SERVER1

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 3d267954-eeb7-11d1-b94e-00c04fa3080d, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
Named pipe : \pipe\HydraLsPipe
Netbios name : \\DC-SERVER1

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 : \\DC-SERVER1

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 : \\DC-SERVER1

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 : \\DC-SERVER1

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 : \\DC-SERVER1

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 33d84484-3626-47ee-8c6f-e7e98b113be1, version 2.0
Description : Unknown RPC service
Type : Remote RPC service
Named pipe : \PIPE\atsvc
Netbios name : \\DC-SERVER1

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 86d35949-83c9-4044-b424-db363231fd0c, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
Named pipe : \PIPE\atsvc
Netbios name : \\DC-SERVER1

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 3a9ef155-691d [...]
```

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/5504/dce-rpc

```
The following DCERPC services are available on TCP port 5504 :
```

```
Object UUID : 00000000-0000-0000-0000-000000000000
UUID : ed96b012-c8ce-4f60-a682-35535b12ff75, version 2.0
Description : Unknown RPC service
Type : Remote RPC service
TCP Port : 5504
IP : 192.168.1.1
```

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/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 : 192.168.1.1

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 : 192.168.1.1

Object UUID : 7364746e-0000-0000-0000-000000000000
UUID : c9ac6db5-82b7-4e55-ae8a-e464ed7b4277, version 1.0
Description : Unknown RPC service
Annotation : Impl friendly name
Type : Remote RPC service
TCP Port : 49664
IP : 192.168.1.1

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : e3514235-4b06-11d1-ab04-00c04fc2dcd2, version 4.0

Description : Active Directory Replication Interface
Windows process : unknown
Annotation : MS NT Directory DRS Interface
Type : Remote RPC service
TCP Port : 49664
IP : 192.168.1.1

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 12345778-1234-abcd-ef00-0123456789ab, version 0.0
Description : Local Security Authority
Windows process : lsass.exe
Type : Remote RPC service
TCP Port : 49664
IP : 192.168.1.1

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 : 192.168.1.1

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 : 192.168.1.1

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 12345678-1234-abcd-ef00-01234567cfff, version 1.0
Description : Network Logon Service
Windows process : lsass.exe
Type : Remote RPC service
TCP Port : 49664
IP : 192.168.1.1

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/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-2c84da1ddb0d, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
TCP Port : 49665
IP : 192.168.1.1

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 : 9b3195fe-d603-43d1-a0d5-9072d7cde122, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
TCP Port : 49666
IP : 192.168.1.1

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 89759fce-5a25-4086-8967-de12f39a60b5, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
TCP Port : 49666
IP : 192.168.1.1

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 : f6beaff7-1e19-4fbb-9f8f-b89e2018337c, version 1.0
Description : Unknown RPC service
Annotation : Event log TCPIP
Type : Remote RPC service
TCP Port : 49667
IP : 192.168.1.1
```

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 : 86d35949-83c9-4044-b424-db363231fd0c, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
TCP Port : 49668
IP : 192.168.1.1

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 : 49668
IP : 192.168.1.1

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 : 51a227ae-825b-41f2-b4a9-1ac9557a1018, version 1.0
Description : Unknown RPC service
Annotation : Ngc Pop Key Service
Type : Remote RPC service
TCP Port : 49669
IP : 192.168.1.1

Object UUID : 7364746e-0000-0000-0000-000000000000
UUID : c9ac6db5-82b7-4e55-ae8a-e464ed7b4277, version 1.0
Description : Unknown RPC service
Annotation : Impl friendly name
Type : Remote RPC service
TCP Port : 49669
IP : 192.168.1.1

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : e3514235-4b06-11d1-ab04-00c04fc2dcd2, version 4.0
Description : Active Directory Replication Interface
Windows process : unknown
Annotation : MS NT Directory DRS Interface
Type : Remote RPC service
TCP Port : 49669
IP : 192.168.1.1

Object UUID : 00000000-0000-0000-0000-000000000000

UUID : 12345778-1234-abcd-ef00-0123456789ab, version 0.0
Description : Local Security Authority
Windows process : lsass.exe
Type : Remote RPC service
TCP Port : 49669
IP : 192.168.1.1

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 : 49669
IP : 192.168.1.1

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 : 49669
IP : 192.168.1.1

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 12345678-1234-abcd-ef00-01234567cffb, version 1.0
Description : Network Logon Service
Windows process : lsass.exe
Type : Remote RPC service
TCP Port : 49669
IP : 192.168.1.1

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 : 49669
IP : 192.168.1.1

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 8fb [...]

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/57251/dce-rpc

```
The following DCERPC services are available on TCP port 57251 :
```

```
Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 50abc2a4-574d-40b3-9d66-ee4fd5fba076, version 5.0
Description : DNS Server
Windows process : dns.exe
Type : Remote RPC service
TCP Port : 57251
IP : 192.168.1.1
```

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/57264/dce-rpc

The following DCERPC services are available on TCP port 57264 :

```
Object UUID : 5bc1ed07-f5f5-485f-9dfd-6fd0acf9a23c
UUID : 897e2e5f-93f3-4376-9c9c-fd2277495c27, version 1.0
Description : Unknown RPC service
Annotation : Frs2 Service
Type : Remote RPC service
TCP Port : 57264
IP : 192.168.1.1
```

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/62533/dce-rpc

The following DCERPC services are available on TCP port 62533 :

```
Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 6b5bdd1e-528c-422c-af8c-a4079be4fe48, version 1.0
Description : Unknown RPC service
Annotation : Remote Fw APIs
Type : Remote RPC service
TCP Port : 62533
IP : 192.168.1.1
```

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/62535/dce-rpc

The following DCERPC services are available on TCP port 62535 :

```
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 : 62535
IP : 192.168.1.1
```

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/62537/dce-rpc

The following DCERPC services are available on TCP port 62537 :

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 : 62537
IP : 192.168.1.1

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 0b6edbfa-4a24-4fc6-8a23-942b1eca65d1, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
TCP Port : 62537
IP : 192.168.1.1

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 : 62537
IP : 192.168.1.1

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

TCP Port : 62537
IP : 192.168.1.1

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 : 62537
IP : 192.168.1.1

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/62543/dce-rpc

The following DCERPC services are available on TCP port 62543 :

```
Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 3d267954-eeb7-11d1-b94e-00c04fa3080d, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
TCP Port : 62543
IP : 192.168.1.1
```

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/62546/dce-rpc

The following DCERPC services are available on TCP port 62546 :

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 6bffd098-a112-3610-9833-46c3f874532d, version 1.0
Description : DHCP Server Service
Windows process : unknown
Type : Remote RPC service
TCP Port : 62546
IP : 192.168.1.1

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 5b821720-f63b-11d0-aad2-00c04fc324db, version 1.0
Description : DHCP Server Service
Windows process : unknown
Type : Remote RPC service
TCP Port : 62546
IP : 192.168.1.1

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/65462/dce-rpc

The following DCERPC services are available on TCP port 65462 :

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 : 65462
IP : 192.168.1.1

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/65463/dce-rpc

The following DCERPC services are available on TCP port 65463 :

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : aa177641-fc9b-41bd-80ff-f964a701596f, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
TCP Port : 65463
IP : 192.168.1.1

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : c95fc993-f460-4763-a00d-bb3b9e5c7e2e, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
TCP Port : 65463
IP : 192.168.1.1

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 32e36e84-4ba2-496c-ba85-fb450f325107, version 2.0
Description : Unknown RPC service
Type : Remote RPC service
TCP Port : 65463
IP : 192.168.1.1

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/65493/dce-rpc

The following DCERPC services are available on TCP port 65493 :

```
Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 3357951c-ald1-47db-a278-ab945d063d03, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
TCP Port : 65493
IP : 192.168.1.1
```

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

10052 - Daytime Service Detection

Synopsis

A daytime service is running on the remote host.

Description

The remote host is running a 'daytime' service. This service is designed to give the local time of the day of this host to whoever connects to this port. The date format issued by this service may sometimes help an attacker to guess the operating system type of this host, or to set up timed authentication attacks against the remote host.

In addition, if the daytime service is running on a UDP port, an attacker may link it to the echo port of a third-party host using spoofing, thus creating a possible denial of service condition between this host and the third party.

Solution

- On Unix systems, comment out the 'daytime' line in /etc/inetd.conf and restart the inetd process.

- On Windows systems, set the following registry keys to 0 :

HKLM\System\CurrentControlSet\Services\SimpTCP\Parameters\EnableTcpDaytime HKLM\System\CurrentControlSet\Services\SimpTCP\Parameters\EnableUdpDaytime Next, launch cmd.exe and type :

net stop simptcp net start simptcp This will restart the service.

Risk Factor

None

Plugin Information

Published: 1999/06/22, Modified: 2014/05/09

Plugin Output

tcp/13/daytime

10052 - Daytime Service Detection

Synopsis

A daytime service is running on the remote host.

Description

The remote host is running a 'daytime' service. This service is designed to give the local time of the day of this host to whoever connects to this port. The date format issued by this service may sometimes help an attacker to guess the operating system type of this host, or to set up timed authentication attacks against the remote host.

In addition, if the daytime service is running on a UDP port, an attacker may link it to the echo port of a third-party host using spoofing, thus creating a possible denial of service condition between this host and the third party.

Solution

- On Unix systems, comment out the 'daytime' line in /etc/inetd.conf and restart the inetd process.

- On Windows systems, set the following registry keys to 0 :

HKLM\System\CurrentControlSet\Services\SimpTCP\Parameters\EnableTcpDaytime HKLM\System\CurrentControlSet\Services\SimpTCP\Parameters\EnableUdpDaytime Next, launch cmd.exe and type :

net stop simptcp net start simptcp This will restart the service.

Risk Factor

None

Plugin Information

Published: 1999/06/22, Modified: 2014/05/09

Plugin Output

udp/13/daytime

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 : 80
```

11367 - Discard Service Detection

Synopsis

A discard service is running on the remote host.

Description

The remote host is running a 'discard' service. This service typically sets up a listening socket and will ignore all the data which it receives.

This service is unused these days, so it is advised that you disable it.

Solution

- Under Unix systems, comment out the 'discard' line in /etc/inetd.conf and restart the inetd process

- Under Windows systems, set the following registry key to 0 :

HKLM\System\CurrentControlSet\Services\SimptCP\Parameters\EnableTcpDiscard Then launch cmd.exe and type :

net stop simptcp net start simptcp To restart the service.

Risk Factor

None

Plugin Information

Published: 2003/03/12, Modified: 2011/03/11

Plugin Output

tcp/9/discard

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 :

08:00:27:84:26:88 : PCS Systemtechnik GmbH

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:  
- 08:00:27:84:26:88
```

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/443/www

```
HTTP/1.1 200 OK
Content-Type: text/html
Last-Modified: Mon, 02 Dec 2024 17:44:51 GMT
Accept-Ranges: bytes
ETag: "9f3576e3e144db1:0"
Server: Microsoft-IIS/10.0
X-Powered-By: ASP.NET
Date: Fri, 13 Dec 2024 17:20:13 GMT
Connection: close
Content-Length: 703

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 POST TRACE OPTIONS are allowed on :

/

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/443/www

Based on the response to an OPTIONS request :

- HTTP methods GET HEAD POST TRACE OPTIONS 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 :  
Microsoft-IIS/10.0
```

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/443/www

```
The remote web server type is :  
Microsoft-IIS/10.0
```

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/3387/www

```
The remote web server type is :  
Microsoft-HTTPAPI/2.0
```

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/5985/www

```
The remote web server type is :  
Microsoft-HTTPAPI/2.0
```

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 : no

Options allowed : OPTIONS, TRACE, GET, HEAD, POST

Headers :

Content-Type: text/html

Last-Modified: Mon, 02 Dec 2024 17:44:51 GMT

Accept-Ranges: bytes

ETag: "9f3576e3e144db1:0"

Server: Microsoft-IIS/10.0

X-Powered-By: ASP.NET

Date: Fri, 13 Dec 2024 17:20:40 GMT

Content-Length: 703

Response Body :

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
```

```
<title>IIS Windows Server</title>
```

```
<style type="text/css">
<!--
body {
color:#000000;
background-color:#0072C6;
margin:0;
}
#container {
margin-left:auto;
margin-right:auto;
text-align:center;
}
a img {
border:none;
}
-->
</style>
</head>
<body>
<div id="container">
<a href="http://go.microsoft.com/fwlink/?linkid=66138&clid=0x409"></a>
</div>
</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/443/www

Response Code : HTTP/1.1 200 OK

Protocol version : HTTP/1.1

HTTP/2 TLS Support: Yes

HTTP/2 Cleartext Support: No

SSL : yes

Keep-Alive : no

Options allowed : OPTIONS, TRACE, GET, HEAD, POST

Headers :

Content-Type: text/html

Last-Modified: Mon, 02 Dec 2024 17:44:51 GMT

Accept-Ranges: bytes

ETag: "9f3576e3e144db1:0"

Server: Microsoft-IIS/10.0

X-Powered-By: ASP.NET

Date: Fri, 13 Dec 2024 17:20:39 GMT

Content-Length: 703

Response Body :

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
```

```
<title>IIS Windows Server</title>
```

```
<style type="text/css">
<!--
body {
color:#000000;
background-color:#0072C6;
margin:0;
}
#container {
margin-left:auto;
margin-right:auto;
text-align:center;
}
a img {
border:none;
}
-->
</style>
</head>
<body>
<div id="container">
<a href="http://go.microsoft.com/fwlink/?linkid=66138&clid=0x409"></a>
</div>
</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/3387/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 : no
Keep-Alive : no
Options allowed : (Not implemented)
Headers :

    Content-Type: text/html; charset=us-ascii
    Server: Microsoft-HTTPAPI/2.0
    Date: Fri, 13 Dec 2024 17:20:40 GMT
    Connection: close
    Content-Length: 315

Response Body :
```

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/5985/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 : no
Keep-Alive : no
Options allowed : (Not implemented)
Headers :

    Content-Type: text/html; charset=us-ascii
    Server: Microsoft-HTTPAPI/2.0
    Date: Fri, 13 Dec 2024 17:20:40 GMT
    Connection: close
    Content-Length: 315

Response Body :
```

43829 - Kerberos Information Disclosure

Synopsis

The remote Kerberos server is leaking information.

Description

Nessus was able to retrieve the realm name and/or server time of the remote Kerberos server.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2010/01/08, Modified: 2015/09/24

Plugin Output

tcp/88

Nessus gathered the following information :

Server time : 2024-12-13 17:21:52 UTC
Realm : ACCB6000.LOCAL

25701 - LDAP Crafted Search Request Server Information Disclosure

Synopsis

It is possible to discover information about the remote LDAP server.

Description

By sending a search request with a filter set to 'objectClass=*', it is possible to extract information about the remote LDAP server.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2007/07/12, Modified: 2022/09/28

Plugin Output

tcp/389/ldap

```
[+] -namingContexts:
|   DC=accb6000,DC=local
|   CN=Configuration,DC=accb6000,DC=local
|   CN=Schema,CN=Configuration,DC=accb6000,DC=local
|   DC=DomainDnsZones,DC=accb6000,DC=local
|   DC=ForestDnsZones,DC=accb6000,DC=local
[+] -domainFunctionality:
|   7
[+] -forestFunctionality:
|   7
[+] -domainControllerFunctionality:
|   7
[+] -rootDomainNamingContext:
|   DC=accb6000,DC=local
[+] -ldapServiceName:
|   accb6000.local:dc-server1$@ACCB6000.LOCAL
[+] -isGlobalCatalogReady:
|   TRUE
[+] -supportedSASLMechanisms:
|   GSSAPI
|   GSS-SPNEGO
|   EXTERNAL
|   DIGEST-MD5
[+] -supportedLDAPVersion:
|   3
|   2
[+] -supportedLDAPPolicies:
|   MaxPoolThreads
|   MaxPercentDirSyncRequests
|   MaxDatagramRecv
```

```

| MaxReceiveBuffer
| InitRecvTimeout
| MaxConnections
| MaxConnIdleTime
| MaxPageSize
| MaxBatchReturnMessages
| MaxQueryDuration
| MaxDirSyncDuration
| MaxTempTableSize
| MaxResultSetSize
| MinResultSets
| MaxResultSetsPerConn
| MaxNotificationPerConn
| MaxValRange
| MaxValRangeTransitive
| ThreadMemoryLimit
| SystemMemoryLimitPercent
[+] -supportedControl:
| 1.2.840.113556.1.4.319
| 1.2.840.113556.1.4.801
| 1.2.840.113556.1.4.473
| 1.2.840.113556.1.4.528
| 1.2.840.113556.1.4.417
| 1.2.840.113556.1.4.619
| 1.2.840.113556.1.4.841
| 1.2.840.113556.1.4.529
| 1.2.840.113556.1.4.805
| 1.2.840.113556.1.4.521
| 1.2.840.113556.1.4.970
| 1.2.840.113556.1.4.1338
| 1.2.840.113556.1.4.474
| 1.2.840.113556.1.4.1339
| 1.2.840.113556.1.4.1340
| 1.2.840.113556.1.4.1413
| 2.16.840.1.113730.3.4.9
| 2.16.840.1.113730.3.4.10
| 1.2.840.113556.1.4.1504
| 1.2.840.113556.1.4.1852
| 1.2.840.113556.1.4.802
| 1.2.840.113556.1.4.1907
| 1.2.840.113556.1.4.1948
| 1.2.840.113556.1.4.1974
| 1.2.840.113556.1.4.1341
| 1.2.840.113556.1.4.2026
| 1.2.840.113556.1.4.2064
| 1.2.840.113556.1.4.2065
| 1.2.840.113556.1.4.2066
| 1.2.840.113556.1 [...]

```

25701 - LDAP Crafted Search Request Server Information Disclosure

Synopsis

It is possible to discover information about the remote LDAP server.

Description

By sending a search request with a filter set to 'objectClass=*', it is possible to extract information about the remote LDAP server.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2007/07/12, Modified: 2022/09/28

Plugin Output

tcp/3268/ldap

```
[+] -namingContexts:
|   DC=accb6000,DC=local
|   CN=Configuration,DC=accb6000,DC=local
|   CN=Schema,CN=Configuration,DC=accb6000,DC=local
|   DC=DomainDnsZones,DC=accb6000,DC=local
|   DC=ForestDnsZones,DC=accb6000,DC=local
[+] -domainFunctionality:
|   7
[+] -forestFunctionality:
|   7
[+] -domainControllerFunctionality:
|   7
[+] -rootDomainNamingContext:
|   DC=accb6000,DC=local
[+] -ldapServiceName:
|   accb6000.local:dc-server1$@ACCB6000.LOCAL
[+] -isGlobalCatalogReady:
|   TRUE
[+] -supportedSASLMechanisms:
|   GSSAPI
|   GSS-SPNEGO
|   EXTERNAL
|   DIGEST-MD5
[+] -supportedLDAPVersion:
|   3
|   2
[+] -supportedLDAPPolicies:
|   MaxPoolThreads
|   MaxPercentDirSyncRequests
|   MaxDatagramRecv
```

```

| MaxReceiveBuffer
| InitRecvTimeout
| MaxConnections
| MaxConnIdleTime
| MaxPageSize
| MaxBatchReturnMessages
| MaxQueryDuration
| MaxDirSyncDuration
| MaxTempTableSize
| MaxResultSetSize
| MinResultSets
| MaxResultSetsPerConn
| MaxNotificationPerConn
| MaxValRange
| MaxValRangeTransitive
| ThreadMemoryLimit
| SystemMemoryLimitPercent
[+] -supportedControl:
| 1.2.840.113556.1.4.319
| 1.2.840.113556.1.4.801
| 1.2.840.113556.1.4.473
| 1.2.840.113556.1.4.528
| 1.2.840.113556.1.4.417
| 1.2.840.113556.1.4.619
| 1.2.840.113556.1.4.841
| 1.2.840.113556.1.4.529
| 1.2.840.113556.1.4.805
| 1.2.840.113556.1.4.521
| 1.2.840.113556.1.4.970
| 1.2.840.113556.1.4.1338
| 1.2.840.113556.1.4.474
| 1.2.840.113556.1.4.1339
| 1.2.840.113556.1.4.1340
| 1.2.840.113556.1.4.1413
| 2.16.840.1.113730.3.4.9
| 2.16.840.1.113730.3.4.10
| 1.2.840.113556.1.4.1504
| 1.2.840.113556.1.4.1852
| 1.2.840.113556.1.4.802
| 1.2.840.113556.1.4.1907
| 1.2.840.113556.1.4.1948
| 1.2.840.113556.1.4.1974
| 1.2.840.113556.1.4.1341
| 1.2.840.113556.1.4.2026
| 1.2.840.113556.1.4.2064
| 1.2.840.113556.1.4.2065
| 1.2.840.113556.1.4.2066
| 1.2.840.113556.1 [...]

```

20870 - LDAP Server Detection

Synopsis

An LDAP server was detected on the remote host.

Description

The remote host is running a Lightweight Directory Access Protocol (LDAP) server. LDAP is a protocol for providing access to directory services over TCP/IP.

See Also

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

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2006/02/10, Modified: 2022/09/29

Plugin Output

tcp/389/ldap

20870 - LDAP Server Detection

Synopsis

An LDAP server was detected on the remote host.

Description

The remote host is running a Lightweight Directory Access Protocol (LDAP) server. LDAP is a protocol for providing access to directory services over TCP/IP.

See Also

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

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2006/02/10, Modified: 2022/09/29

Plugin Output

tcp/3268/ldap

53513 - Link-Local Multicast Name Resolution (LLMNR) Detection

Synopsis

The remote device supports LLMNR.

Description

The remote device answered to a Link-local Multicast Name Resolution (LLMNR) request. This protocol provides a name lookup service similar to NetBIOS or DNS. It is enabled by default on modern Windows versions.

See Also

<http://www.nessus.org/u?51eae65d>

<http://technet.microsoft.com/en-us/library/bb878128.aspx>

Solution

Make sure that use of this software conforms to your organization's acceptable use and security policies.

Risk Factor

None

Plugin Information

Published: 2011/04/21, Modified: 2023/10/17

Plugin Output

udp/5355/llmnr

```
According to LLMNR, the name of the remote host is 'DC-Server1'.
```

Synopsis

It was possible to obtain information about the remote operating system.

Description

Nessus was able to obtain the remote operating system name and version (Windows and/or Samba) by sending an authentication request to port 139 or 445. Note that this plugin requires SMB to be enabled on the host.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2001/10/17, Modified: 2021/09/20

Plugin Output

tcp/445/cifs

```
The remote Operating System is : Windows Server 2022 Standard Evaluation 20348
The remote native LAN manager is : Windows Server 2022 Standard Evaluation 6.3
The remote SMB Domain Name is : ACCB6000
```

26917 - Microsoft Windows SMB Registry : Nessus Cannot Access the Windows Registry

Synopsis

Nessus is not able to access the remote Windows Registry.

Description

It was not possible to connect to PIPE\winreg on the remote host.

If you intend to use Nessus to perform registry-based checks, the registry checks will not work because the 'Remote Registry Access'

service (winreg) has been disabled on the remote host or can not be connected to with the supplied credentials.

Solution

n/a

Risk Factor

None

References

XREF IAVB:0001-B-0506

Plugin Information

Published: 2007/10/04, Modified: 2020/09/22

Plugin Output

tcp/445/cifs

```
Could not connect to the registry because:  
Could not connect to \winreg
```

11011 - Microsoft Windows SMB Service Detection

Synopsis

A file / print sharing service is listening on the remote host.

Description

The remote service understands the CIFS (Common Internet File System) or Server Message Block (SMB) protocol, used to provide shared access to files, printers, etc between nodes on a network.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/06/05, Modified: 2021/02/11

Plugin Output

tcp/139/smb

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

11011 - Microsoft Windows SMB Service Detection

Synopsis

A file / print sharing service is listening on the remote host.

Description

The remote service understands the CIFS (Common Internet File System) or Server Message Block (SMB) protocol, used to provide shared access to files, printers, etc between nodes on a network.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/06/05, Modified: 2021/02/11

Plugin Output

tcp/445/cifs

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

100871 - Microsoft Windows SMB Versions Supported (remote check)

Synopsis

It was possible to obtain information about the version of SMB running on the remote host.

Description

Nessus was able to obtain the version of SMB running on the remote host by sending an authentication request to port 139 or 445.

Note that this plugin is a remote check and does not work on agents.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2017/06/19, Modified: 2019/11/22

Plugin Output

tcp/445/cifs

```
The remote host supports the following versions of SMB :  
SMBv1  
SMBv2
```

106716 - Microsoft Windows SMB2 and SMB3 Dialects Supported (remote check)

Synopsis

It was possible to obtain information about the dialects of SMB2 and SMB3 available on the remote host.

Description

Nessus was able to obtain the set of SMB2 and SMB3 dialects running on the remote host by sending an authentication request to port 139 or 445.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2018/02/09, Modified: 2020/03/11

Plugin Output

tcp/445/cifs

```
The remote host supports the following SMB dialects :
_version_  _introduced in windows version_
2.0.2      Windows 2008
2.1        Windows 7
3.0        Windows 8
3.0.2      Windows 8.1
3.1.1      Windows 10

The remote host does NOT support the following SMB dialects :
_version_  _introduced in windows version_
2.2.2      Windows 8 Beta
2.2.4      Windows 8 Beta
3.1        Windows 10
```

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/7/echo

```
Port 7/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/9/discard

```
Port 9/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/13/daytime

```
Port 13/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/17/qotd

```
Port 17/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/19/chargen

```
Port 19/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/53/dns

```
Port 53/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/88

```
Port 88/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/135/epmap

```
Port 135/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/139/smb

```
Port 139/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/389/ldap

```
Port 389/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/443/www

```
Port 443/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/445/cifs

```
Port 445/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/464

```
Port 464/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/515

```
Port 515/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/593/http-rpc-epmap

```
Port 593/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/636

```
Port 636/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/3268/ldap

```
Port 3268/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/3269

```
Port 3269/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/3387/www

```
Port 3387/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/3388/ncacn_http

```
Port 3388/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/3389/msrdp

```
Port 3389/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/5504/dce-rpc

```
Port 5504/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/5985/www

```
Port 5985/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: 2024/10/04

Plugin Output

tcp/0

Information about this scan :

```
Nessus version : 10.8.3
Nessus build : 20010
Plugin feed version : 202412121915
Scanner edition used : Nessus
Scanner OS : LINUX
Scanner distribution : ubuntu1604-x86-64
Scan type : Normal
Scan name : Basic_Level1
```

```
Scan policy used : Basic Network Scan
Scanner IP : 192.168.1.10
Port scanner(s) : nessus_syn_scanner
Port range : default
Ping RTT : 184.720 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 : None
Allow post-scan editing : Yes
Nessus Plugin Signature Checking : Enabled
Audit File Signature Checking : Disabled
Scan Start Date : 2024/12/13 5:38 EST
Scan duration : 820 sec
Scan for malware : no
```

24786 - Nessus Windows Scan Not Performed with Admin Privileges

Synopsis

The Nessus scan of this host may be incomplete due to insufficient privileges provided.

Description

The Nessus scanner testing the remote host has been given SMB credentials to log into the remote host, however these credentials do not have administrative privileges.

Typically, when Nessus performs a patch audit, it logs into the remote host and reads the version of the DLLs on the remote host to determine if a given patch has been applied or not. This is the method Microsoft recommends to determine if a patch has been applied.

If your Nessus scanner does not have administrative privileges when doing a scan, then Nessus has to fall back to perform a patch audit through the registry which may lead to false positives (especially when using third-party patch auditing tools) or to false negatives (not all patches can be detected through the registry).

Solution

Reconfigure your scanner to use credentials with administrative privileges.

Risk Factor

None

References

XREF IAVB:0001-B-0505

Plugin Information

Published: 2007/03/12, Modified: 2020/09/22

Plugin Output

tcp/0

```
It was not possible to connect to '\\DC-SERVER1\ADMIN$' with the supplied credentials.
```

43815 - NetBIOS Multiple IP Address Enumeration

Synopsis

The remote host is configured with multiple IP addresses.

Description

By sending a special NetBIOS query, Nessus was able to detect the use of multiple IP addresses on the remote host. This indicates the host may be running virtualization software, a VPN client, or has multiple network interfaces.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2010/01/06, Modified: 2011/09/02

Plugin Output

udp/137/netbios-ns

```
The remote host appears to be using the following IP addresses :
```

- 192.168.1.1
- 10.0.3.15

10884 - Network Time Protocol (NTP) Server Detection

Synopsis

An NTP server is listening on the remote host.

Description

An NTP server is listening on port 123. If not securely configured, it may provide information about its version, current date, current time, and possibly system information.

See Also

<http://www.ntp.org>

Solution

n/a

Risk Factor

None

References

XREF IAVT:0001-T-0934

Plugin Information

Published: 2015/03/20, Modified: 2021/02/24

Plugin Output

udp/123/ntp

```
An NTP service has been discovered, listening on port 123.  
  
No sensitive information has been disclosed.  
  
Version : unknown
```

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 : Microsoft Windows Server 2022 Standard Evaluation 20348
Confidence level : 80
Method : Misc
```

```
Not all fingerprints could give a match. If you think that these
signatures would help us improve OS fingerprinting, please submit
them by visiting https://www.tenable.com/research/submitsignatures.
```

```
NTP!:unknown
HTTP:Server: Microsoft-IIS/10.0
```

```
SinFP:
P1:B11113:F0x12:W65392:00204ffff:M1460:
P2:B11113:F0x12:W65535:00204ffff010303080402080affffffff44454144:M1460:
P3:B00000:F0x00:W0:00:M0
P4:191003_7_p=443
SSLCert:!:i/CN:DC-Server1s/CN:DC-Server1
785005e14b50717f41565b440767fcc69190f35e
i/CN:DC-Server1.accb6000.locals/CN:DC-Server1.accb6000.local
5a7c90b52bc73b2e87005537ce47277d5e4b90e0
```

```
The remote host is running Microsoft Windows Server 2022 Standard Evaluation 20348
```

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      : no_local_checks_credentials.nasl
  Plugin ID   : 110723
  Plugin Name : Target Credential Status by Authentication Protocol - No Credentials Provided
  Message     :
  Credentials were not provided for detected SMB service.
```

10940 - Remote Desktop Protocol Service Detection

Synopsis

The remote host has an remote desktop protocol service enabled.

Description

The Remote Desktop Protocol allows a user to remotely obtain a graphical login (and therefore act as a local user on the remote host).

If an attacker gains a valid login and password, this service could be used to gain further access on the remote host. An attacker may also use this service to mount a dictionary attack against the remote host to try to log in remotely.

Note that RDP (the Remote Desktop Protocol) is vulnerable to Man-in-the-middle attacks, making it easy for attackers to steal the credentials of legitimate users by impersonating the Windows server.

Solution

Disable the service if you do not use it, and do not allow this service to run across the Internet.

Risk Factor

None

Plugin Information

Published: 2002/04/20, Modified: 2023/08/21

Plugin Output

tcp/3389/msrdp

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/443/www

```
This port supports TLSv1.3/TLSv1.0/TLSv1.1/TLSv1.2.
```

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/3389/msrdp

```
This port supports TLSv1.0/TLSv1.1/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/443/www

```
Subject Name:

Common Name: DC-Server1

Issuer Name:

Common Name: DC-Server1

Serial Number: 11 62 94 2E 08 0C 60 A4 4C 3D 03 2E AE 92 34 BA

Version: 3

Signature Algorithm: SHA-256 With RSA Encryption

Not Valid Before: Dec 01 18:07:07 2024 GMT
Not Valid After: Jun 02 18:07:07 2025 GMT

Public Key Info:

Algorithm: RSA Encryption
Key Length: 2048 bits
Public Key: 00 A1 91 A1 04 6B 45 7B CD 3B 9C F8 C6 4D C9 DF 52 4F B0 DA
             3A 9B 65 32 95 36 C4 97 74 C7 64 84 DA C9 7F 06 DB 70 C1 6D
             1D C0 35 CD DB 37 5E B0 35 99 F7 F7 28 89 4A 7D F2 08 D2 4A
             8D A4 60 1D 45 2E EB 3A EA 02 C8 04 70 B2 77 57 4B DA 10 97
             8C 9A 86 D0 DF 4D B1 78 B0 73 30 3D 3A 64 CF CF 94 8A 4F 8E
             A5 25 68 27 1D 67 90 2A 43 45 B0 0A C3 DA 81 73 18 4E 46 50
             E6 87 5A 47 7E D1 0F 38 20 98 79 46 36 E3 05 0E 77 E6 36 23
             61 F4 8E E7 16 3E 8F 30 AF 21 77 E1 16 8D 7D 61 7F A0 B9 BE
             1C 97 AA DD 22 47 6C D5 AC 54 02 6C 63 C5 A8 87 4D 45 70 5A
             C8 5A 76 1F 07 BC A9 FF B9 B6 9B D4 14 37 18 02 F4 CA A1 18
             27 FE 97 F0 9B 20 AE 6D B1 1B AB 06 9E 45 C1 8E 96 B9 C3 2B
```

```
A3 C4 78 F2 81 1B F6 E4 D6 A1 D6 57 29 10 22 CC A8 61 20 89
1D 31 6F F1 D8 5E CC 01 E7 80 01 74 AE 4D 26 82 E1
Exponent: 01 00 01

Signature Length: 256 bytes / 2048 bits
Signature: 00 52 28 97 6A 2C C5 45 9A E6 B8 41 17 DC 55 14 34 5A 6A E4
           FB 34 7E D5 F2 9F 42 2D F9 44 CD 6F 8B 51 B2 4D 14 07 6F E2
           16 8A 14 B7 D4 09 86 14 D8 07 14 D8 E9 DC AA EA 35 68 82 5E
           C8 CB 5E 92 52 4A 20 5D B7 81 DD 36 65 C8 C7 0E 45 57 33 AD
           2F F1 0E 3C E8 AB A0 5A 8F 09 3B 33 88 09 11 72 E2 0E 49 73
           A9 60 0C 71 3B 19 5A 85 5A 05 42 18 03 76 11 79 AD 44 12 52
           59 4A B3 42 D1 CA 44 03 1C 9F 49 A2 FC F5 AE 0D 97 15 18 DF
           37 23 FD 41 81 84 EB 86 32 C6 39 AF 56 75 C9 76 D7 12 86 D6
           DC E1 92 6D D8 95 0A 1F 58 5F 8F 1B 81 4B 31 D0 48 71 BB 24
           B1 C2 7A 13 5E 06 6F 2A 86 A [...]
```

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/3389/msrdp

```
Subject Name:

Common Name: DC-Server1.accb6000.local

Issuer Name:

Common Name: DC-Server1.accb6000.local

Serial Number: 49 F5 1B C2 E1 03 C1 BD 4A 56 C4 0B 84 2A 8F 78

Version: 3

Signature Algorithm: SHA-256 With RSA Encryption

Not Valid Before: Dec 01 18:17:44 2024 GMT
Not Valid After: Jun 02 18:17:44 2025 GMT

Public Key Info:

Algorithm: RSA Encryption
Key Length: 2048 bits
Public Key: 00 B4 EE A8 A5 95 EA AD 3E 58 19 A0 77 E7 DC 53 E0 07 38 74
            26 21 31 8E 61 C0 48 71 63 0A EF B3 D3 F8 85 1C 9C 1B 75 7B
            16 B2 AA 67 05 E3 12 F7 BA 73 B1 0A 69 B7 E5 70 F3 EF D5 CD
            C2 8F 99 82 0B 34 7C D9 09 F5 45 F6 BC 4D 5C CA A1 A1 12 DA
            A6 3A 6F D0 23 59 CE 71 1E 8A 6C 24 92 04 BB 28 99 31 F3 18
            6B 12 F9 E2 F7 AA D0 DE 2B A4 E5 3A E8 75 AE EF C5 29 15 C9
            D9 F1 EC 1B FD 9A B4 E9 1C A6 6D 94 56 A6 23 7A BB 69 71 63
            1E AD 77 68 88 19 E9 5D 6B 9A 33 0C C2 BC BF B6 8F FA A7 FB
            7D 92 5E 10 84 9F 11 22 21 D6 C9 3C 19 54 A1 9B 55 CF 8C 01
            63 18 11 F9 75 CC C0 25 B1 46 C5 45 3A E4 2C 09 4D 1D 3C FC
            15 C7 BA F1 B0 A6 50 95 38 75 5E C9 8D C0 18 9D FE 4E 17 59
```

```
26 0E 9F 35 74 29 A2 85 8B 47 1E E5 71 A7 AB F2 D4 A9 69 A2
D2 7E 3A 16 FF 39 B0 43 CD CB 29 B0 B5 CC D2 35 AD
Exponent: 01 00 01

Signature Length: 256 bytes / 2048 bits
Signature: 00 B1 6D 3E 96 F7 DC 15 8C 8A 1A EB C4 A5 5B B6 94 6C 6D 8C
31 CE 6B CF 85 09 31 55 69 38 8C 97 A4 C9 2C CB 5D 66 D1 06
A2 EA A1 9F C9 B3 AC 58 4E 09 D7 3D 81 F4 99 7A 99 EB E3 BC
C8 2D 8E 67 C1 A1 A3 25 2C 98 6C 4D E8 7E 55 79 C2 B8 C5 93
66 42 52 63 C4 D9 B9 94 4B 48 30 5D 7E 4D A5 77 44 D3 13 2D
06 C1 C8 1E F0 C6 A6 F7 0F 6B 4C F7 B0 30 5A 96 EC E8 FF E0
28 B2 90 8F 25 98 5A 29 0F 76 8E 77 53 7D DB 3C 80 B3 25 04
CC 60 65 7C A7 46 D5 58 22 F4 E6 E7 A5 FD 56 60 03 EF B8 C9
CE 1C 00 8E 98 73 D7 90 DC 97 7A 08 77 6D 42 4B 7A 27 15 82
[...]
```

70544 - SSL Cipher Block Chaining Cipher Suites Supported

Synopsis

The remote service supports the use of SSL Cipher Block Chaining ciphers, which combine previous blocks with subsequent ones.

Description

The remote host supports the use of SSL ciphers that operate in Cipher Block Chaining (CBC) mode. These cipher suites offer additional security over Electronic Codebook (ECB) mode, but have the potential to leak information if used improperly.

See Also

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

<http://www.nessus.org/u?cc4a822a>

<https://www.openssl.org/~bodo/tls-cbc.txt>

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2013/10/22, Modified: 2021/02/03

Plugin Output

tcp/443/www

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

Medium Strength Ciphers (> 64-bit and < 112-bit key, or 3DES)

Name	Code	KEX	Auth	Encryption	MAC
DES-CBC3-SHA	0x00, 0x0A	RSA	RSA	3DES-CBC (168)	

High Strength Ciphers (>= 112-bit key)

Name	Code	KEX	Auth	Encryption	MAC
ECDHE-RSA-AES128-SHA	0xC0, 0x13	ECDH	RSA	AES-CBC (128)	
ECDHE-RSA-AES256-SHA	0xC0, 0x14	ECDH	RSA	AES-CBC (256)	

AES128-SHA SHA1	0x00, 0x2F	RSA	RSA	AES-CBC(128)
AES256-SHA SHA1	0x00, 0x35	RSA	RSA	AES-CBC(256)
ECDHE-RSA-AES128-SHA256 SHA256	0xC0, 0x27	ECDH	RSA	AES-CBC(128)
ECDHE-RSA-AES256-SHA384 SHA384	0xC0, 0x28	ECDH	RSA	AES-CBC(256)
RSA-AES128-SHA256 SHA256	0x00, 0x3C	RSA	RSA	AES-CBC(128)
RSA-AES256-SHA256 SHA256	0x00, 0x3D	RSA	RSA	AES-CBC(256)

The fields above are :

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

70544 - SSL Cipher Block Chaining Cipher Suites Supported

Synopsis

The remote service supports the use of SSL Cipher Block Chaining ciphers, which combine previous blocks with subsequent ones.

Description

The remote host supports the use of SSL ciphers that operate in Cipher Block Chaining (CBC) mode. These cipher suites offer additional security over Electronic Codebook (ECB) mode, but have the potential to leak information if used improperly.

See Also

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

<http://www.nessus.org/u?cc4a822a>

<https://www.openssl.org/~bodo/tls-cbc.txt>

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2013/10/22, Modified: 2021/02/03

Plugin Output

tcp/3389/msrdp

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

Medium Strength Ciphers (> 64-bit and < 112-bit key, or 3DES)

Name	Code	KEX	Auth	Encryption	MAC
DES-CBC3-SHA	0x00, 0x0A	RSA	RSA	3DES-CBC (168)	

SHA1

High Strength Ciphers (>= 112-bit key)

Name	Code	KEX	Auth	Encryption	MAC
ECDHE-RSA-AES128-SHA	0xC0, 0x13	ECDH	RSA	AES-CBC (128)	
ECDHE-RSA-AES256-SHA	0xC0, 0x14	ECDH	RSA	AES-CBC (256)	

SHA1

AES128-SHA SHA1	0x00, 0x2F	RSA	RSA	AES-CBC(128)
AES256-SHA SHA1	0x00, 0x35	RSA	RSA	AES-CBC(256)
ECDHE-RSA-AES128-SHA256 SHA256	0xC0, 0x27	ECDH	RSA	AES-CBC(128)
ECDHE-RSA-AES256-SHA384 SHA384	0xC0, 0x28	ECDH	RSA	AES-CBC(256)
RSA-AES128-SHA256 SHA256	0x00, 0x3C	RSA	RSA	AES-CBC(128)
RSA-AES256-SHA256 SHA256	0x00, 0x3D	RSA	RSA	AES-CBC(256)

The fields above are :

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

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?e17ffced>

Solution

n/a

Risk Factor

None

Plugin Information

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

Plugin Output

tcp/443/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					

```
SSL Version : TLSv12
```

```
Medium Strength Ciphers (> 64-bit and < 112-bit key, or 3DES)
```

Name	Code	KEX	Auth	Encryption	MAC
-----	-----	---	----	-----	---
DES-CBC3-SHA	0x00, 0x0A	RSA	RSA	3DES-CBC(168)	
SHA1					

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

Name	Code	KEX	Auth	Encryption	MAC
-----	-----	---	----	-----	----
DHE-RSA-AES128-SHA256	0x00, 0x9E	DH	RSA	AES-GCM(128)	
SHA256					
DHE-RSA-AES256-SHA384	0x00, 0x9F	DH	RSA	AES-GCM(256)	
SHA384					
ECDHE-RSA-AES128-SHA256	0xC0, 0x2F	ECDH	RSA	AES-GCM(128)	
SHA256					
ECDHE-RSA-AES256-SHA384	0xC0, 0x30	ECDH	RSA	AES-GCM(256)	
SHA384					
RSA-AES128-SHA256	0x00, 0x9C	RSA	RSA	AES-GCM(128)	
SHA256					
RSA-AES256-SHA384	0x00, 0x9D	RSA	RSA	AES-GCM(256)	
SHA384					
ECDHE-RSA-AES128-SHA	0xC0, 0x13	ECDH	RSA	AES-CBC(128)	
SHA1					
ECDHE-RSA-AES256-SHA	0xC0, 0x14	ECDH	RSA	AES-CBC(256)	
SHA1					
AES1 [...]					

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/3389/msrdp

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

```
SSL Version : TLSv12
```

```
Medium Strength Ciphers (> 64-bit and < 112-bit key, or 3DES)
```

Name	Code	KEX	Auth	Encryption	MAC
DES-CBC3-SHA	0x00, 0x0A	RSA	RSA	3DES-CBC (168)	

```
SHA1
```

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

Name	Code	KEX	Auth	Encryption	MAC
DHE-RSA-AES128-SHA256	0x00, 0x9E	DH	RSA	AES-GCM (128)	
DHE-RSA-AES256-SHA384	0x00, 0x9F	DH	RSA	AES-GCM (256)	
ECDHE-RSA-AES128-SHA256	0xC0, 0x2F	ECDH	RSA	AES-GCM (128)	
ECDHE-RSA-AES256-SHA384	0xC0, 0x30	ECDH	RSA	AES-GCM (256)	

RSA-AES128-SHA256 SHA256	0x00, 0x9C	RSA	RSA	AES-GCM(128)
RSA-AES256-SHA384 SHA384	0x00, 0x9D	RSA	RSA	AES-GCM(256)
ECDHE-RSA-AES128-SHA SHA1	0xC0, 0x13	ECDH	RSA	AES-CBC(128)
ECDHE-RSA-AES256-SHA SHA1	0xC0, 0x14	ECDH	RSA	AES-CBC(256)
AES128-SHA SHA1	0x00, 0x2F	RSA	RSA	AES-CBC(128)
AES256-SHA SHA1	0x00, 0x35	RSA	RSA	AES-CBC(256)
ECDHE-RSA-AES128-SHA256 SHA256	0xC0, 0x27	ECDH	RSA	AES-CBC(128)
ECDHE-RSA-AES256-SHA384 SHA384	0xC0, 0x28	ECDH	RSA	AES-CBC(256)
RSA-AES128-SHA256	0x00, 0x3C	RSA	RS [...]	

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/443/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
-----	-----	---	----	-----	---
DHE-RSA-AES128-SHA256	0x00, 0x9E	DH	RSA	AES-GCM(128)	
SHA256					
DHE-RSA-AES256-SHA384	0x00, 0x9F	DH	RSA	AES-GCM(256)	
SHA384					
ECDHE-RSA-AES128-SHA256	0xC0, 0x2F	ECDH	RSA	AES-GCM(128)	
SHA256					
ECDHE-RSA-AES256-SHA384	0xC0, 0x30	ECDH	RSA	AES-GCM(256)	
SHA384					
ECDHE-RSA-AES128-SHA	0xC0, 0x13	ECDH	RSA	AES-CBC(128)	
SHA1					

ECDHE-RSA-AES256-SHA SHA1	0xC0, 0x14	ECDH	RSA	AES-CBC(256)
ECDHE-RSA-AES128-SHA256 SHA256	0xC0, 0x27	ECDH	RSA	AES-CBC(128)
ECDHE-RSA-AES256-SHA384 SHA384	0xC0, 0x28	ECDH	RSA	AES-CBC(256)

The fields above are :

```
{Tenable ciphertype}
{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/3389/msrdp

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
-----	-----	---	----	-----	---
DHE-RSA-AES128-SHA256	0x00, 0x9E	DH	RSA	AES-GCM(128)	
SHA256					
DHE-RSA-AES256-SHA384	0x00, 0x9F	DH	RSA	AES-GCM(256)	
SHA384					
ECDHE-RSA-AES128-SHA256	0xC0, 0x2F	ECDH	RSA	AES-GCM(128)	
SHA256					
ECDHE-RSA-AES256-SHA384	0xC0, 0x30	ECDH	RSA	AES-GCM(256)	
SHA384					
ECDHE-RSA-AES128-SHA	0xC0, 0x13	ECDH	RSA	AES-CBC(128)	
SHA1					

ECDHE-RSA-AES256-SHA SHA1	0xC0, 0x14	ECDH	RSA	AES-CBC(256)
ECDHE-RSA-AES128-SHA256 SHA256	0xC0, 0x27	ECDH	RSA	AES-CBC(128)
ECDHE-RSA-AES256-SHA384 SHA384	0xC0, 0x28	ECDH	RSA	AES-CBC(256)

The fields above are :

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

156899 - SSL/TLS Recommended Cipher Suites

Synopsis

The remote host advertises discouraged SSL/TLS ciphers.

Description

The remote host has open SSL/TLS ports which advertise discouraged cipher suites. It is recommended to only enable support for the following cipher suites:

TLSv1.3:

- 0x13,0x01 TLS13_AES_128_GCM_SHA256
- 0x13,0x02 TLS13_AES_256_GCM_SHA384
- 0x13,0x03 TLS13_CHACHA20_POLY1305_SHA256

TLSv1.2:

- 0xC0,0x2B ECDHE-ECDSA-AES128-GCM-SHA256
- 0xC0,0x2F ECDHE-RSA-AES128-GCM-SHA256
- 0xC0,0x2C ECDHE-ECDSA-AES256-GCM-SHA384
- 0xC0,0x30 ECDHE-RSA-AES256-GCM-SHA384
- 0xCC,0xA9 ECDHE-ECDSA-CHACHA20-POLY1305
- 0xCC,0xA8 ECDHE-RSA-CHACHA20-POLY1305

This is the recommended configuration for the vast majority of services, as it is highly secure and compatible with nearly every client released in the last five (or more) years.

See Also

https://wiki.mozilla.org/Security/Server_Side_TLS

<https://ssl-config.mozilla.org/>

Solution

Only enable support for recommended cipher suites.

Risk Factor

None

Plugin Information

Published: 2022/01/20, Modified: 2024/02/12

Plugin Output

tcp/443/www

The remote host has listening SSL/TLS ports which advertise the discouraged cipher suites outlined below:

Medium Strength Ciphers (> 64-bit and < 112-bit key, or 3DES)

Name	Code	KEX	Auth	Encryption	MAC
-----	-----	---	----	-----	---
DES-CBC3-SHA SHA1	0x00, 0x0A	RSA	RSA	3DES-CBC(168)	

High Strength Ciphers (>= 112-bit key)

Name	Code	KEX	Auth	Encryption	MAC
-----	-----	---	----	-----	---
DHE-RSA-AES128-SHA256 SHA256	0x00, 0x9E	DH	RSA	AES-GCM(128)	
DHE-RSA-AES256-SHA384 SHA384	0x00, 0x9F	DH	RSA	AES-GCM(256)	
RSA-AES128-SHA256 SHA256	0x00, 0x9C	RSA	RSA	AES-GCM(128)	
RSA-AES256-SHA384 SHA384	0x00, 0x9D	RSA	RSA	AES-GCM(256)	
ECDHE-RSA-AES128-SHA SHA1	0xC0, 0x13	ECDH	RSA	AES-CBC(128)	
ECDHE-RSA-AES256-SHA SHA1	0xC0, 0x14	ECDH	RSA	AES-CBC(256)	
AES128-SHA SHA1	0x00, 0x2F	RSA	RSA	AES-CBC(128)	
AES256-SHA SHA1	0x00, 0x35	RSA	RSA	AES-CBC(256)	
ECDHE-RSA-AES128-SHA256 SHA256	0xC0, 0x27	ECDH	RSA	AES-CBC(128)	
ECDHE-RSA-AES256-SHA384 SHA384	0xC0, 0x28	ECDH	RSA	AES-CBC(256)	
RSA-AES128-SHA256 SHA256	0x00, 0x3C	RSA	RSA	AES-CBC(128)	
RSA-AES256-SHA256 SHA256	0x00, 0x3D	RSA	RSA	AES-CBC(256)	

The fields above are :

```
{Tenable ciphername}
{Cipher ID code}
Kex={key exchange} [...]
```

156899 - SSL/TLS Recommended Cipher Suites

Synopsis

The remote host advertises discouraged SSL/TLS ciphers.

Description

The remote host has open SSL/TLS ports which advertise discouraged cipher suites. It is recommended to only enable support for the following cipher suites:

TLSv1.3:

- 0x13,0x01 TLS13_AES_128_GCM_SHA256
- 0x13,0x02 TLS13_AES_256_GCM_SHA384
- 0x13,0x03 TLS13_CHACHA20_POLY1305_SHA256

TLSv1.2:

- 0xC0,0x2B ECDHE-ECDSA-AES128-GCM-SHA256
- 0xC0,0x2F ECDHE-RSA-AES128-GCM-SHA256
- 0xC0,0x2C ECDHE-ECDSA-AES256-GCM-SHA384
- 0xC0,0x30 ECDHE-RSA-AES256-GCM-SHA384
- 0xCC,0xA9 ECDHE-ECDSA-CHACHA20-POLY1305
- 0xCC,0xA8 ECDHE-RSA-CHACHA20-POLY1305

This is the recommended configuration for the vast majority of services, as it is highly secure and compatible with nearly every client released in the last five (or more) years.

See Also

https://wiki.mozilla.org/Security/Server_Side_TLS

<https://ssl-config.mozilla.org/>

Solution

Only enable support for recommended cipher suites.

Risk Factor

None

Plugin Information

Published: 2022/01/20, Modified: 2024/02/12

Plugin Output

tcp/3389/msrdp

The remote host has listening SSL/TLS ports which advertise the discouraged cipher suites outlined below:

Medium Strength Ciphers (> 64-bit and < 112-bit key, or 3DES)

Name	Code	KEX	Auth	Encryption	MAC
-----	-----	---	----	-----	---
DES-CBC3-SHA SHA1	0x00, 0x0A	RSA	RSA	3DES-CBC(168)	

High Strength Ciphers (>= 112-bit key)

Name	Code	KEX	Auth	Encryption	MAC
-----	-----	---	----	-----	---
DHE-RSA-AES128-SHA256 SHA256	0x00, 0x9E	DH	RSA	AES-GCM(128)	
DHE-RSA-AES256-SHA384 SHA384	0x00, 0x9F	DH	RSA	AES-GCM(256)	
RSA-AES128-SHA256 SHA256	0x00, 0x9C	RSA	RSA	AES-GCM(128)	
RSA-AES256-SHA384 SHA384	0x00, 0x9D	RSA	RSA	AES-GCM(256)	
ECDHE-RSA-AES128-SHA SHA1	0xC0, 0x13	ECDH	RSA	AES-CBC(128)	
ECDHE-RSA-AES256-SHA SHA1	0xC0, 0x14	ECDH	RSA	AES-CBC(256)	
AES128-SHA SHA1	0x00, 0x2F	RSA	RSA	AES-CBC(128)	
AES256-SHA SHA1	0x00, 0x35	RSA	RSA	AES-CBC(256)	
ECDHE-RSA-AES128-SHA256 SHA256	0xC0, 0x27	ECDH	RSA	AES-CBC(128)	
ECDHE-RSA-AES256-SHA384 SHA384	0xC0, 0x28	ECDH	RSA	AES-CBC(256)	
RSA-AES128-SHA256 SHA256	0x00, 0x3C	RSA	RSA	AES-CBC(128)	
RSA-AES256-SHA256 SHA256	0x00, 0x3D	RSA	RSA	AES-CBC(256)	

The fields above are :

```
{Tenable ciphername}
{Cipher ID code}
Kex={key exchange} [...]
```

96982 - Server Message Block (SMB) Protocol Version 1 Enabled (uncredentialed check)

Synopsis

The remote Windows host supports the SMBv1 protocol.

Description

The remote Windows host supports Server Message Block Protocol version 1 (SMBv1). Microsoft recommends that users discontinue the use of SMBv1 due to the lack of security features that were included in later SMB versions. Additionally, the Shadow Brokers group reportedly has an exploit that affects SMB; however, it is unknown if the exploit affects SMBv1 or another version. In response to this, US-CERT recommends that users disable SMBv1 per SMB best practices to mitigate these potential issues.

See Also

<https://blogs.technet.microsoft.com/filecab/2016/09/16/stop-using-smb1/>

<https://support.microsoft.com/en-us/help/2696547/how-to-detect-enable-and-disable-smbv1-smbv2-and-smbv3-in-windows-and>

<http://www.nessus.org/u?8dcab5e4>

<http://www.nessus.org/u?234f8ef8>

<http://www.nessus.org/u?4c7e0cf3>

Solution

Disable SMBv1 according to the vendor instructions in Microsoft KB2696547. Additionally, block SMB directly by blocking TCP port 445 on all network boundary devices. For SMB over the NetBIOS API, block TCP ports 137 / 139 and UDP ports 137 / 138 on all network boundary devices.

Risk Factor

None

References

XREF IAVT:0001-T-0710

Plugin Information

Published: 2017/02/03, Modified: 2020/09/22

Plugin Output

tcp/445/cifs

```
The remote host supports SMBv1.
```


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/7/echo

```
An echo 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/19/chargen

```
A chargen 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/443/www

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

tcp/443/www

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

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/593/http-rpc-epmap

```
An http-rpc-epmap 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/3387/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/3388/ncacn_http

```
An ncacn_http 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/5985/www

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

17975 - Service Detection (GET request)

Synopsis

The remote service could be identified.

Description

It was possible 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

References

XREF IAVT:0001-T-0935

Plugin Information

Published: 2005/04/06, Modified: 2021/10/27

Plugin Output

tcp/17/qotd

```
qotd seems to be running on this port.
```

11153 - Service Detection (HELP Request)

Synopsis

The remote service could be identified.

Description

It was possible to identify the remote service by its banner or by looking at the error message it sends when it receives a 'HELP' request.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/11/18, Modified: 2024/11/19

Plugin Output

tcp/13/daytime

```
Daytime 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

84821 - TLS ALPN Supported Protocol Enumeration

Synopsis

The remote host supports the TLS ALPN extension.

Description

The remote host supports the TLS ALPN extension. This plugin enumerates the protocols the extension supports.

See Also

<https://tools.ietf.org/html/rfc7301>

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2015/07/17, Modified: 2024/09/11

Plugin Output

tcp/443/www

```
http/1.1  
h2
```

121010 - TLS Version 1.1 Protocol Detection

Synopsis

The remote service encrypts traffic using an older version of TLS.

Description

The remote service accepts connections encrypted using TLS 1.1.

TLS 1.1 lacks support for current and recommended cipher suites.

Ciphers that support encryption before MAC computation, and authenticated encryption modes such as GCM cannot be used with TLS 1.1

As of March 31, 2020, Endpoints that are not enabled for TLS 1.2 and higher will no longer function properly with major web browsers and major vendors.

See Also

<https://tools.ietf.org/html/draft-ietf-tls-oldversions-deprecate-00>

<http://www.nessus.org/u?c8ae820d>

Solution

Enable support for TLS 1.2 and/or 1.3, and disable support for TLS 1.1.

Risk Factor

None

References

XREF CWE:327

Plugin Information

Published: 2019/01/08, Modified: 2023/04/19

Plugin Output

tcp/443/www

```
TLSv1.1 is enabled and the server supports at least one cipher.
```

121010 - TLS Version 1.1 Protocol Detection

Synopsis

The remote service encrypts traffic using an older version of TLS.

Description

The remote service accepts connections encrypted using TLS 1.1.

TLS 1.1 lacks support for current and recommended cipher suites.

Ciphers that support encryption before MAC computation, and authenticated encryption modes such as GCM cannot be used with TLS 1.1

As of March 31, 2020, Endpoints that are not enabled for TLS 1.2 and higher will no longer function properly with major web browsers and major vendors.

See Also

<https://tools.ietf.org/html/draft-ietf-tls-oldversions-deprecate-00>

<http://www.nessus.org/u?c8ae820d>

Solution

Enable support for TLS 1.2 and/or 1.3, and disable support for TLS 1.1.

Risk Factor

None

References

XREF CWE:327

Plugin Information

Published: 2019/01/08, Modified: 2023/04/19

Plugin Output

tcp/3389/msrdp

```
TLSv1.1 is enabled and the server supports at least one cipher.
```

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/443/www

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

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/3389/msrdp

```
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/443/www

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

110723 - Target Credential Status by Authentication Protocol - No Credentials Provided

Synopsis

Nessus was able to find common ports used for local checks, however, no credentials were provided in the scan policy.

Description

Nessus was not able to successfully authenticate directly to the remote target on an available authentication protocol. Nessus was able to connect to the remote port and identify that the service running on the port supports an authentication protocol, but Nessus failed to authenticate to the remote service using the provided credentials. There may have been a protocol failure that prevented authentication from being attempted or all of the provided credentials for the authentication protocol may be invalid. See plugin output for error details.

Please note the following :

- This plugin reports per protocol, so it is possible for valid credentials to be provided for one protocol and not another. For example, authentication may succeed via SSH but fail via SMB, while no credentials were provided for an available SNMP service.
- Providing valid credentials for all available authentication protocols may improve scan coverage, but the value of successful authentication for a given protocol may vary from target to target depending upon what data (if any) is gathered from the target via that protocol. For example, successful authentication via SSH is more valuable for Linux targets than for Windows targets, and likewise successful authentication via SMB is more valuable for Windows targets than for Linux targets.

Solution

n/a

Risk Factor

None

References

XREF IAVB:0001-B-0504

Plugin Information

Published: 2018/06/27, Modified: 2024/04/19

Plugin Output

tcp/0

```
SMB was detected on port 445 but no credentials were provided.  
SMB local checks were not enabled.
```


64814 - Terminal Services Use SSL/TLS

Synopsis

The remote Terminal Services use SSL/TLS.

Description

The remote Terminal Services is configured to use SSL/TLS.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2013/02/22, Modified: 2023/07/10

Plugin Output

tcp/3389/msrdp

```
Subject Name:
Common Name: DC-Server1.accb6000.local

Issuer Name:
Common Name: DC-Server1.accb6000.local

Serial Number: 49 F5 1B C2 E1 03 C1 BD 4A 56 C4 0B 84 2A 8F 78

Version: 3

Signature Algorithm: SHA-256 With RSA Encryption

Not Valid Before: Dec 01 18:17:44 2024 GMT
Not Valid After: Jun 02 18:17:44 2025 GMT

Public Key Info:

Algorithm: RSA Encryption
Key Length: 2048 bits
Public Key: 00 B4 EE A8 A5 95 EA AD 3E 58 19 A0 77 E7 DC 53 E0 07 38 74
            26 21 31 8E 61 C0 48 71 63 0A EF B3 D3 F8 85 1C 9C 1B 75 7B
            16 B2 AA 67 05 E3 12 F7 BA 73 B1 0A 69 B7 E5 70 F3 EF D5 CD
            C2 8F 99 82 0B 34 7C D9 09 F5 45 F6 BC 4D 5C CA A1 A1 12 DA
            A6 3A 6F D0 23 59 CE 71 1E 8A 6C 24 92 04 BB 28 99 31 F3 18
            6B 12 F9 E2 F7 AA D0 DE 2B A4 E5 3A E8 75 AE EF C5 29 15 C9
            D9 F1 EC 1B FD 9A B4 E9 1C A6 6D 94 56 A6 23 7A BB 69 71 63
            1E AD 77 68 88 19 E9 5D 6B 9A 33 0C C2 BC BF B6 8F FA A7 FB
            7D 92 5E 10 84 9F 11 22 21 D6 C9 3C 19 54 A1 9B 55 CF 8C 01
            63 18 11 F9 75 CC C0 25 B1 46 C5 45 3A E4 2C 09 4D 1D 3C FC
            15 C7 BA F1 B0 A6 50 95 38 75 5E C9 8D C0 18 9D FE 4E 17 59
```

```
26 0E 9F 35 74 29 A2 85 8B 47 1E E5 71 A7 AB F2 D4 A9 69 A2
D2 7E 3A 16 FF 39 B0 43 CD CB 29 B0 B5 CC D2 35 AD
Exponent: 01 00 01

Signature Length: 256 bytes / 2048 bits
Signature: 00 B1 6D 3E 96 F7 DC 15 8C 8A 1A EB C4 A5 5B B6 94 6C 6D 8C
31 CE 6B CF 85 09 31 55 69 38 8C 97 A4 C9 2C CB 5D 66 D1 06
A2 EA A1 9F C9 B3 AC 58 4E 09 D7 3D 81 F4 99 7A 99 EB E3 BC
C8 2D 8E 67 C1 A1 A3 25 2C 98 6C 4D E8 7E 55 79 C2 B8 C5 93
66 42 52 63 C4 D9 B9 94 4B 48 30 5D 7E 4D A5 77 44 D3 13 2D
06 C1 C8 1E F0 C6 A6 F7 0F 6B 4C F7 B0 30 5A 96 EC E8 FF E0
28 B2 90 8F 25 98 5A 29 0F 76 8E 77 53 7D DB 3C 80 B3 25 04
CC 60 65 7C A7 46 D5 58 22 F4 E6 E7 A5 FD 56 60 03 EF B8 C9
CE 1C 00 8E 98 73 D7 90 DC 97 7A 08 77 6D 42 4B 7A 27 15 82
[...]
```

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 192.168.1.10 to 192.168.1.1 :
192.168.1.10
192.168.1.1

Hop Count: 1
```

135860 - WMI Not Available

Synopsis

WMI queries could not be made against the remote host.

Description

WMI (Windows Management Instrumentation) is not available on the remote host over DCOM. WMI queries are used to gather information about the remote host, such as its current state, network interface configuration, etc.

Without this information Nessus may not be able to identify installed software or security vulnerabilities that exist on the remote host.

See Also

<https://docs.microsoft.com/en-us/windows/win32/wmisdk/wmi-start-page>

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2020/04/21, Modified: 2024/11/22

Plugin Output

tcp/445/cifs

```
Can't connect to the 'root\CIMV2' WMI namespace.
```

33139 - WS-Management Server Detection

Synopsis

The remote web server is used for remote management.

Description

The remote web server supports the Web Services for Management (WS-Management) specification, a general web services protocol based on SOAP for managing systems, applications, and other such entities.

See Also

<https://www.dmtf.org/standards/ws-man>

<https://en.wikipedia.org/wiki/WS-Management>

Solution

Limit incoming traffic to this port if desired.

Risk Factor

None

Plugin Information

Published: 2008/06/11, Modified: 2021/05/19

Plugin Output

tcp/5985/www

```
Here is some information about the WS-Management Server :
```

```
Product Vendor   : Microsoft Corporation
Product Version  : OS: 0.0.0 SP: 0.0 Stack: 3.0
```

11422 - Web Server Unconfigured - Default Install Page Present

Synopsis

The remote web server is not configured or is improperly configured.

Description

The remote web server uses its default welcome page. Therefore, it's probable that this server is not used at all or is serving content that is meant to be hidden.

Solution

Disable this service if you do not use it.

Risk Factor

None

Plugin Information

Published: 2003/03/20, Modified: 2018/08/15

Plugin Output

tcp/80/www

```
The default welcome page is from IIS.
```

11422 - Web Server Unconfigured - Default Install Page Present

Synopsis

The remote web server is not configured or is improperly configured.

Description

The remote web server uses its default welcome page. Therefore, it's probable that this server is not used at all or is serving content that is meant to be hidden.

Solution

Disable this service if you do not use it.

Risk Factor

None

Plugin Information

Published: 2003/03/20, Modified: 2018/08/15

Plugin Output

tcp/443/www

```
The default welcome page is from IIS.
```

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 8 NetBIOS names have been gathered :

ACCB6000	= Workgroup / Domain name
DC-SERVER1	= Computer name
ACCB6000	= Domain Controllers
DC-SERVER1	= File Server Service
ACCB6000	= Browser Service Elections
ACCB6000	= Domain Master Browser
ACCB6000	= Master Browser
__MSBROWSE__	= Master Browser

The remote host has the following MAC address on its adapter :

08:00:27:84:26:88

192.168.1.102



Scan Information

Start time: Fri Dec 13 05:38:00 2024

End time: Fri Dec 13 05:43:53 2024

Host Information

Netbios Name: WINCLIENT

IP: 192.168.1.102

MAC Address: 08:00:27:F0:79:2F

OS: Microsoft Windows 10 Enterprise

Vulnerabilities

57608 - SMB Signing not required

Synopsis

Signing is not required on the remote SMB server.

Description

Signing is not required on the remote SMB server. An unauthenticated, remote attacker can exploit this to conduct man-in-the-middle attacks against the SMB server.

See Also

<http://www.nessus.org/u?df39b8b3>

<http://technet.microsoft.com/en-us/library/cc731957.aspx>

<http://www.nessus.org/u?74b80723>

<https://www.samba.org/samba/docs/current/man-html/smb.conf.5.html>

<http://www.nessus.org/u?a3cac4ea>

Solution

Enforce message signing in the host's configuration. On Windows, this is found in the policy setting 'Microsoft network server: Digitally sign communications (always)'. On Samba, the setting is called 'server signing'. See the 'see also' links for further details.

Risk Factor

Medium

CVSS v3.0 Base Score

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

CVSS v3.0 Temporal Score

4.6 (CVSS:3.0/E:U/RL:O/RC:C)

CVSS v2.0 Base Score

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

CVSS v2.0 Temporal Score

3.7 (CVSS2#E:U/RL:OF/RC:C)

Plugin Information

Published: 2012/01/19, Modified: 2022/10/05

Plugin Output

tcp/445/cifs

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

```
This host returns non-standard timestamps (high bit is set)
```

The ICMP timestamps might be in little endian format (not in network format)
The difference between the local and remote clocks is -28802 seconds.

46180 - Additional DNS Hostnames

Synopsis

Nessus has detected potential virtual hosts.

Description

Hostnames different from the current hostname have been collected by miscellaneous plugins. Nessus has generated a list of hostnames that point to the remote host. Note that these are only the alternate hostnames for vhosts discovered on a web server.

Different web servers may be hosted on name-based virtual hosts.

See Also

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

Solution

If you want to test them, re-scan using the special vhost syntax, such as :

`www.example.com[192.0.32.10]`

Risk Factor

None

Plugin Information

Published: 2010/04/29, Modified: 2022/08/15

Plugin Output

tcp/0

```
The following hostnames point to the remote host :  
- winclient
```

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:microsoft:windows_10::enterprise -> Microsoft Windows 10
```

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

```
cpe:/a:microsoft:iis:10.0 -> Microsoft IIS
```

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 : 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 : 51a227ae-825b-41f2-b4a9-1ac9557a1018, version 1.0
Description : Unknown RPC service
Annotation : Ngc Pop Key Service
Type : Local RPC service
Named pipe : protected_storage

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 : lsasspirpc

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 : lsapolicylookup

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 : LSA_EAS_ENDPOINT

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 3473dd4d-2e88-4006-9cba-22570909dd10, version 5.0
Descript [...]

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/cifs

The following DCERPC services are available remotely :

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 650a7e26-eab8-5533-ce43-9c1dfc11511, version 1.0
Description : Unknown RPC service
Annotation : Vpn APIs
Type : Remote RPC service
Named pipe : \PIPE\ROUTER
Netbios name : \\WINCLIENT

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 : \\WINCLIENT

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
Named pipe : \pipe\eventlog
Netbios name : \\WINCLIENT

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 : \\WINCLIENT

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 : \\WINCLIENT

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 33d84484-3626-47ee-8c6f-e7e98b113be1, version 2.0
Description : Unknown RPC service
Type : Remote RPC service
Named pipe : \PIPE\atsvc
Netbios name : \\WINCLIENT

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 86d35949-83c9-4044-b424-db363231fd0c, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
Named pipe : \PIPE\atsvc
Netbios name : \\WINCLIENT

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 3a9ef155-691d-4449-8d05-09ad57031823, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
Named pipe : \PIPE\atsvc
Netbios name : \\WINCLIENT

Object UUID : b08669ee-8cb5-43a5-a017-84fe00000000
UUID : 76f226c3-ec14-4325-8a99-6a4 [...]

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 : 192.168.1.102

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 : 192.168.1.102

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 : 192.168.1.102

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 : 192.168.1.102

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 : 192.168.1.102

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 : 192.168.1.102

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-2c84da1ddb0d, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
TCP Port : 49665
IP : 192.168.1.102

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 : 192.168.1.102
```

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 : 192.168.1.102

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 : 192.168.1.102

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 : 12345678-1234-abcd-ef00-0123456789ab, version 1.0
Description : IPsec Services (Windows XP & 2003)
Windows process : lsass.exe
Type : Remote RPC service
TCP Port : 49668
IP : 192.168.1.102

Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 0b6edbfa-4a24-4fc6-8a23-942b1eca65d1, version 1.0
Description : Unknown RPC service
Type : Remote RPC service
TCP Port : 49668
IP : 192.168.1.102

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 : 49668
IP : 192.168.1.102

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

TCP Port : 49668
IP : 192.168.1.102

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 : 49668
IP : 192.168.1.102

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 : 51a227ae-825b-41f2-b4a9-1ac9557a1018, version 1.0
Description : Unknown RPC service
Annotation : Ngc Pop Key Service
Type : Remote RPC service
TCP Port : 49669
IP : 192.168.1.102

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 : 49669
IP : 192.168.1.102

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 : 49669
IP : 192.168.1.102

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 : 49669
IP : 192.168.1.102

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 : 49669
IP : 192.168.1.102

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 : 367abb81-9844-35f1-ad32-98f038001003, version 2.0
Description : Service Control Manager
Windows process : svchost.exe
Type : Remote RPC service
TCP Port : 49670
IP : 192.168.1.102

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/49671/dce-rpc

The following DCERPC services are available on TCP port 49671 :

```
Object UUID : 00000000-0000-0000-0000-000000000000
UUID : 6b5bdd1e-528c-422c-af8c-a4079be4fe48, version 1.0
Description : Unknown RPC service
Annotation : Remote Fw APIs
Type : Remote RPC service
TCP Port : 49671
IP : 192.168.1.102
```

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
```

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 :
```

```
08:00:27:F0:79:2F : PCS Systemtechnik GmbH
```

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:  
- 08:00:27:F0:79:2F
```

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 POST TRACE OPTIONS 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 :  
Microsoft-IIS/10.0
```

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 : no

Options allowed : OPTIONS, TRACE, GET, HEAD, POST

Headers :

Content-Type: text/html

Last-Modified: Fri, 06 Dec 2024 23:37:15 GMT

Accept-Ranges: bytes

ETag: "b98fe7c73748db1:0"

Server: Microsoft-IIS/10.0

Date: Fri, 13 Dec 2024 18:39:09 GMT

Content-Length: 696

Response Body :

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
```

```
<title>IIS Windows</title>
```

```
<style type="text/css">
```

```
<!--
body {
color:#000000;
background-color:#0072C6;
margin:0;
}
#container {
margin-left:auto;
margin-right:auto;
text-align:center;
}
a img {
border:none;
}
-->
</style>
</head>
<body>
<div id="container">
<a href="http://go.microsoft.com/fwlink/?linkid=66138&clcid=0x409"></a>
</div>
</body>
</html>
```

53513 - Link-Local Multicast Name Resolution (LLMNR) Detection

Synopsis

The remote device supports LLMNR.

Description

The remote device answered to a Link-local Multicast Name Resolution (LLMNR) request. This protocol provides a name lookup service similar to NetBIOS or DNS. It is enabled by default on modern Windows versions.

See Also

<http://www.nessus.org/u?51eae65d>

<http://technet.microsoft.com/en-us/library/bb878128.aspx>

Solution

Make sure that use of this software conforms to your organization's acceptable use and security policies.

Risk Factor

None

Plugin Information

Published: 2011/04/21, Modified: 2023/10/17

Plugin Output

udp/5355/llmnr

```
According to LLMNR, the name of the remote host is 'WinClient'.
```

Synopsis

It was possible to obtain information about the remote operating system.

Description

Nessus was able to obtain the remote operating system name and version (Windows and/or Samba) by sending an authentication request to port 139 or 445. Note that this plugin requires SMB to be enabled on the host.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2001/10/17, Modified: 2021/09/20

Plugin Output

tcp/445/cifs

```
The remote Operating System is : Windows 10 Enterprise Evaluation 19045
The remote native LAN manager is : Windows 10 Enterprise Evaluation 6.3
The remote SMB Domain Name is : ACCB6000
```

26917 - Microsoft Windows SMB Registry : Nessus Cannot Access the Windows Registry

Synopsis

Nessus is not able to access the remote Windows Registry.

Description

It was not possible to connect to PIPE\winreg on the remote host.

If you intend to use Nessus to perform registry-based checks, the registry checks will not work because the 'Remote Registry Access'

service (winreg) has been disabled on the remote host or can not be connected to with the supplied credentials.

Solution

n/a

Risk Factor

None

References

XREF IAVB:0001-B-0506

Plugin Information

Published: 2007/10/04, Modified: 2020/09/22

Plugin Output

tcp/445/cifs

```
Could not connect to the registry because:  
Could not connect to IPC$
```

11011 - Microsoft Windows SMB Service Detection

Synopsis

A file / print sharing service is listening on the remote host.

Description

The remote service understands the CIFS (Common Internet File System) or Server Message Block (SMB) protocol, used to provide shared access to files, printers, etc between nodes on a network.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/06/05, Modified: 2021/02/11

Plugin Output

tcp/139/smb

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

11011 - Microsoft Windows SMB Service Detection

Synopsis

A file / print sharing service is listening on the remote host.

Description

The remote service understands the CIFS (Common Internet File System) or Server Message Block (SMB) protocol, used to provide shared access to files, printers, etc between nodes on a network.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2002/06/05, Modified: 2021/02/11

Plugin Output

tcp/445/cifs

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

100871 - Microsoft Windows SMB Versions Supported (remote check)

Synopsis

It was possible to obtain information about the version of SMB running on the remote host.

Description

Nessus was able to obtain the version of SMB running on the remote host by sending an authentication request to port 139 or 445.

Note that this plugin is a remote check and does not work on agents.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2017/06/19, Modified: 2019/11/22

Plugin Output

tcp/445/cifs

```
The remote host supports the following versions of SMB :  
  SMBv1  
  SMBv2
```

106716 - Microsoft Windows SMB2 and SMB3 Dialects Supported (remote check)

Synopsis

It was possible to obtain information about the dialects of SMB2 and SMB3 available on the remote host.

Description

Nessus was able to obtain the set of SMB2 and SMB3 dialects running on the remote host by sending an authentication request to port 139 or 445.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2018/02/09, Modified: 2020/03/11

Plugin Output

tcp/445/cifs

```
The remote host supports the following SMB dialects :
_version_  _introduced in windows version_
2.0.2      Windows 2008
2.1        Windows 7
3.0        Windows 8
3.0.2      Windows 8.1
3.1.1      Windows 10

The remote host does NOT support the following SMB dialects :
_version_  _introduced in windows version_
2.2.2      Windows 8 Beta
2.2.4      Windows 8 Beta
3.1        Windows 10
```

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/135/epmap

```
Port 135/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/139/smb

```
Port 139/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/445/cifs

```
Port 445/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: 2024/10/04

Plugin Output

tcp/0

Information about this scan :

```
Nessus version : 10.8.3
Nessus build : 20010
Plugin feed version : 202412121915
Scanner edition used : Nessus
Scanner OS : LINUX
Scanner distribution : ubuntu1604-x86-64
Scan type : Normal
Scan name : Basic_Level1
```

```
Scan policy used : Basic Network Scan
Scanner IP : 192.168.1.10
Port scanner(s) : nessus_syn_scanner
Port range : default
Ping RTT : 171.751 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 : None
Allow post-scan editing : Yes
Nessus Plugin Signature Checking : Enabled
Audit File Signature Checking : Disabled
Scan Start Date : 2024/12/13 5:38 EST
Scan duration : 346 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: 2024/10/14

Plugin Output

tcp/0

```
Remote operating system : Microsoft Windows 10 Enterprise
Confidence level : 99
Method : MSRPC
```

```
The remote host is running Microsoft Windows 10 Enterprise
```

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      : no_local_checks_credentials.nasl
  Plugin ID   : 110723
  Plugin Name : Target Credential Status by Authentication Protocol - No Credentials Provided
  Message     :
  Credentials were not provided for detected SMB service.
```

96982 - Server Message Block (SMB) Protocol Version 1 Enabled (uncredentialed check)

Synopsis

The remote Windows host supports the SMBv1 protocol.

Description

The remote Windows host supports Server Message Block Protocol version 1 (SMBv1). Microsoft recommends that users discontinue the use of SMBv1 due to the lack of security features that were included in later SMB versions. Additionally, the Shadow Brokers group reportedly has an exploit that affects SMB; however, it is unknown if the exploit affects SMBv1 or another version. In response to this, US-CERT recommends that users disable SMBv1 per SMB best practices to mitigate these potential issues.

See Also

<https://blogs.technet.microsoft.com/filecab/2016/09/16/stop-using-smb1/>

<https://support.microsoft.com/en-us/help/2696547/how-to-detect-enable-and-disable-smbv1-smbv2-and-smbv3-in-windows-and>

<http://www.nessus.org/u?8dcab5e4>

<http://www.nessus.org/u?234f8ef8>

<http://www.nessus.org/u?4c7e0cf3>

Solution

Disable SMBv1 according to the vendor instructions in Microsoft KB2696547. Additionally, block SMB directly by blocking TCP port 445 on all network boundary devices. For SMB over the NetBIOS API, block TCP ports 137 / 139 and UDP ports 137 / 138 on all network boundary devices.

Risk Factor

None

References

XREF IAVT:0001-T-0710

Plugin Information

Published: 2017/02/03, Modified: 2020/09/22

Plugin Output

tcp/445/cifs

```
The remote host supports SMBv1.
```


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.
```

110723 - Target Credential Status by Authentication Protocol - No Credentials Provided

Synopsis

Nessus was able to find common ports used for local checks, however, no credentials were provided in the scan policy.

Description

Nessus was not able to successfully authenticate directly to the remote target on an available authentication protocol. Nessus was able to connect to the remote port and identify that the service running on the port supports an authentication protocol, but Nessus failed to authenticate to the remote service using the provided credentials. There may have been a protocol failure that prevented authentication from being attempted or all of the provided credentials for the authentication protocol may be invalid. See plugin output for error details.

Please note the following :

- This plugin reports per protocol, so it is possible for valid credentials to be provided for one protocol and not another. For example, authentication may succeed via SSH but fail via SMB, while no credentials were provided for an available SNMP service.
- Providing valid credentials for all available authentication protocols may improve scan coverage, but the value of successful authentication for a given protocol may vary from target to target depending upon what data (if any) is gathered from the target via that protocol. For example, successful authentication via SSH is more valuable for Linux targets than for Windows targets, and likewise successful authentication via SMB is more valuable for Windows targets than for Linux targets.

Solution

n/a

Risk Factor

None

References

XREF IAVB:0001-B-0504

Plugin Information

Published: 2018/06/27, Modified: 2024/04/19

Plugin Output

tcp/0

```
SMB was detected on port 445 but no credentials were provided.  
SMB local checks were not enabled.
```


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 192.168.1.10 to 192.168.1.102 :
192.168.1.10
192.168.1.102

Hop Count: 1
```

135860 - WMI Not Available

Synopsis

WMI queries could not be made against the remote host.

Description

WMI (Windows Management Instrumentation) is not available on the remote host over DCOM. WMI queries are used to gather information about the remote host, such as its current state, network interface configuration, etc.

Without this information Nessus may not be able to identify installed software or security vulnerabilities that exist on the remote host.

See Also

<https://docs.microsoft.com/en-us/windows/win32/wmisdk/wmi-start-page>

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2020/04/21, Modified: 2024/11/22

Plugin Output

tcp/445/cifs

```
Can't connect to the 'root\CIMV2' WMI namespace.
```

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 4 NetBIOS names have been gathered :
```

```
WINCLIENT      = File Server Service
WINCLIENT      = Computer name
ACCB6000        = Workgroup / Domain name
ACCB6000        = Browser Service Elections
```

```
The remote host has the following MAC address on its adapter :
```

```
08:00:27:f0:79:2f
```

192.168.1.103



Scan Information

Start time: Fri Dec 13 05:38:00 2024

End time: Fri Dec 13 05:39:39 2024

Host Information

DNS Name: user1-1-2.local

IP: 192.168.1.103

MAC Address: 08:00:27:4D:79:E6

OS: Linux Kernel 2.6

Vulnerabilities

201194 - OpenSSH < 9.8 RCE

Synopsis

The SSH server running on the remote host is affected by a vulnerability.

Description

The version of OpenSSH installed on the remote host is prior to 9.8. It is, therefore, affected by a vulnerability as referenced in the release-9.8 advisory.

- This release contains fixes for two security problems, one critical and one minor. 1) Race condition in sshd(8) A critical vulnerability in sshd(8) was present in Portable OpenSSH versions between 8.5p1 and 9.7p1 (inclusive) that may allow arbitrary code execution with root privileges. Successful exploitation has been demonstrated on 32-bit Linux/glibc systems with ASLR. Under lab conditions, the attack requires on average 6-8 hours of continuous connections up to the maximum the server will accept. Exploitation on 64-bit systems is believed to be possible but has not been demonstrated at this time. It's likely that these attacks will be improved upon. Exploitation on non-glibc systems is conceivable but has not been examined. Systems that lack ASLR or users of downstream Linux distributions that have modified OpenSSH to disable per-connection ASLR re-randomisation (yes - this is a thing, no - we don't understand why) may potentially have an easier path to exploitation. OpenBSD is not vulnerable. We thank the Qualys Security Advisory Team for discovering, reporting and demonstrating exploitability of this problem, and for providing detailed feedback on additional mitigation measures. 2) Logic error in ssh(1) ObscureKeystrokeTiming In OpenSSH version 9.5 through 9.7 (inclusive), when connected to an OpenSSH server version 9.5 or later, a logic error in the ssh(1) ObscureKeystrokeTiming feature (on by default) rendered this feature ineffective - a passive observer could still detect which network packets contained real keystrokes when the countermeasure was active because both fake and real keystroke packets were

being sent unconditionally. This bug was Daniel Hugenroth and Alastair Beresford of the University of Cambridge Computer Lab. Worse, the unconditional sending of both fake and real keystroke packets broke another long- standing timing attack mitigation. Since OpenSSH 2.9.9 sshd(8) has sent fake keystroke echo packets for traffic received on TTYs in echo-off mode, such as when entering a password into su(8) or sudo(8). This bug rendered these fake keystroke echoes ineffective and could allow a passive observer of a SSH session to once again detect when echo was off and obtain fairly limited timing information about keystrokes in this situation (20ms granularity by default). This additional implication of the bug was identified by Jacky Wei En Kung, Daniel Hugenroth and Alastair Beresford and we thank them for their detailed analysis.

This bug does not affect connections when ObscureKeystrokeTiming was disabled or sessions where no TTY was requested. (openssh-9.8-1)

Note that Nessus has not tested for this issue but has instead relied only on the application's self-reported version number.

See Also

<https://www.openssh.com/txt/release-9.8>

Solution

Upgrade to OpenSSH version 9.8 or later.

Risk Factor

High

CVSS v3.0 Base Score

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

CVSS v3.0 Temporal Score

7.3 (CVSS:3.0/E:P/RL:O/RC:C)

VPR Score

6.7

EPSS Score

0.0029

CVSS v2.0 Base Score

7.6 (CVSS2#AV:N/AC:H/Au:N/C:C/I:C/A:C)

CVSS v2.0 Temporal Score

6.0 (CVSS2#E:POC/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2024-6387
CVE	CVE-2024-39894
XREF	IAVA:2024-A-0375

Plugin Information

Published: 2024/07/01, Modified: 2024/07/11

Plugin Output

tcp/22/ssh

```
Version source      : SSH-2.0-OpenSSH_9.3p1 Ubuntu-1ubuntu3.6
Installed version   : 9.3p1
Fixed version       : 9.8p1 / 9.8
```

Synopsis

The SSH server running on the remote host is affected by multiple vulnerabilities.

Description

The version of OpenSSH installed on the remote host is prior to 9.6. It is, therefore, affected by multiple vulnerabilities as referenced in the release-9.6 advisory.

- ssh(1), sshd(8): implement protocol extensions to thwart the so-called Terrapin attack discovered by Fabian Bumer, Marcus Brinkmann and Jrg Schwenk. This attack allows a MITM to effect a limited break of the integrity of the early encrypted SSH transport protocol by sending extra messages prior to the commencement of encryption, and deleting an equal number of consecutive messages immediately after encryption starts. A peer SSH client/server would not be able to detect that messages were deleted. While cryptographically novel, the security impact of this attack is fortunately very limited as it only allows deletion of consecutive messages, and deleting most messages at this stage of the protocol prevents user authentication from proceeding and results in a stuck connection. The most serious identified impact is that it lets a MITM to delete the SSH2_MSG_EXT_INFO message sent before authentication starts, allowing the attacker to disable a subset of the keystroke timing obfuscation features introduced in OpenSSH 9.5.

There is no other discernable impact to session secrecy or session integrity. OpenSSH 9.6 addresses this protocol weakness through a new strict KEX protocol extension that will be automatically enabled when both the client and server support it. This extension makes two changes to the SSH transport protocol to improve the integrity of the initial key exchange. Firstly, it requires endpoints to terminate the connection if any unnecessary or unexpected message is received during key exchange (including messages that were previously legal but not strictly required like SSH2_MSG_DEBUG). This removes most malleability from the early protocol. Secondly, it resets the Message Authentication Code counter at the conclusion of each key exchange, preventing previously inserted messages from being able to make persistent changes to the sequence number across completion of a key exchange. Either of these changes should be sufficient to thwart the Terrapin Attack. More details of these changes are in the PROTOCOL file in the OpenSSH source distribution. (CVE-2023-48795)

- ssh-agent(1): when adding PKCS#11-hosted private keys while specifying destination constraints, if the PKCS#11 token returned multiple keys then only the first key had the constraints applied. Use of regular private keys, FIDO tokens and unconstrained keys are unaffected. (CVE-2023-51384)

- ssh(1): if an invalid user or hostname that contained shell metacharacters was passed to ssh(1), and a ProxyCommand, LocalCommand directive or match exec predicate referenced the user or hostname via %u, %h or similar expansion token, then an attacker who could supply arbitrary user/hostnames to ssh(1) could potentially perform command injection depending on what quoting was present in the user-supplied ssh_config(5) directive. This situation could arise in the case of git submodules, where a repository could contain a submodule with shell characters in its user/hostname. Git does not ban shell metacharacters in user or host names when checking out repositories from untrusted sources. Although we believe it is the user's responsibility to ensure validity of arguments passed to ssh(1), especially across a security boundary such as the git example above, OpenSSH 9.6 now bans most shell metacharacters from user and hostnames supplied via the command-line. This countermeasure is not guaranteed to be effective in all situations, as it is infeasible for ssh(1) to universally filter shell metacharacters potentially relevant to user-supplied commands. User/hostnames provided via ssh_config(5) are not subject to these restrictions, allowing configurations that use strange names to continue to be used, under the assumption that the user knows what they are doing in their own configuration files. (CVE-2023-51385)

Note that Nessus has not tested for these issues but has instead relied only on the application's self-reported version number.

See Also

<https://www.openssh.com/txt/release-9.6>

Solution

Upgrade to OpenSSH version 9.6 or later.

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 v3.0 Temporal Score

5.9 (CVSS:3.0/E:P/RL:O/RC:C)

VPR Score

6.1

EPSS Score

0.9628

CVSS v2.0 Base Score

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

CVSS v2.0 Temporal Score

5.0 (CVSS2#E:POC/RL:OF/RC:C)

STIG Severity

I

References

CVE	CVE-2023-48795
CVE	CVE-2023-51384
CVE	CVE-2023-51385
XREF	IAVA:2023-A-0701-S

Plugin Information

Published: 2023/12/22, Modified: 2024/07/05

Plugin Output

tcp/22/ssh

```
Version source      : SSH-2.0-OpenSSH_9.3p1 Ubuntu-1ubuntu3.6
Installed version   : 9.3p1
Fixed version       : 9.6p1 / 9.6
```

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 -3 seconds.

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:openbsd:openssh:9.3 -> OpenBSD OpenSSH
```

```
cpe:/a:openbsd:openssh:9.3p1 -> OpenBSD OpenSSH
```

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 :
```

```
08:00:27:4D:79:E6 : PCS Systemtechnik GmbH
```

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:  
- 08:00:27:4D:79:E6
```

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/21/ftp

```
The remote FTP banner is :
```

```
220 (vsFTPd 3.0.5)
```

12053 - Host Fully Qualified Domain Name (FQDN) Resolution

Synopsis

It was possible to resolve the name of the remote host.

Description

Nessus was able to resolve the fully qualified domain name (FQDN) of the remote host.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2004/02/11, Modified: 2017/04/14

Plugin Output

tcp/0

```
192.168.1.103 resolves as user1-1-2.local.
```

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/21/ftp

```
Port 21/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/22/ssh

```
Port 22/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: 2024/10/04

Plugin Output

tcp/0

Information about this scan :

```
Nessus version : 10.8.3
Nessus build : 20010
Plugin feed version : 202412121915
Scanner edition used : Nessus
Scanner OS : LINUX
Scanner distribution : ubuntu1604-x86-64
Scan type : Normal
Scan name : Basic_Level1
```

```
Scan policy used : Basic Network Scan
Scanner IP : 192.168.1.10
Port scanner(s) : nessus_syn_scanner
Port range : default
Ping RTT : 167.455 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 : None
Allow post-scan editing : Yes
Nessus Plugin Signature Checking : Enabled
Audit File Signature Checking : Disabled
Scan Start Date : 2024/12/13 5:38 EST
Scan duration : 95 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: 2024/10/14

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
```

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      : no_local_checks_credentials.nasl
  Plugin ID   : 110723
  Plugin Name : Target Credential Status by Authentication Protocol - No Credentials Provided
  Message     :
  Credentials were not provided for detected SSH service.
```

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 : 9.3p1
Banner  : SSH-2.0-OpenSSH_9.3p1 Ubuntu-1ubuntu3.6
```

Synopsis

The remote host is missing several patches.

Description

The remote host is missing one or more security patches. This plugin lists the newest version of each patch to install to make sure the remote host is up-to-date.

Note: Because the 'Show missing patches that have been superseded' setting in your scan policy depends on this plugin, it will always run and cannot be disabled.

Solution

Install the patches listed below.

Risk Factor

None

Plugin Information

Published: 2013/07/08, Modified: 2024/12/10

Plugin Output

tcp/0

```
. You need to take the following action :  
[ OpenSSH < 9.8 RCE (201194) ]  
+ Action to take : Upgrade to OpenSSH version 9.8 or later.  
+Impact : Taking this action will resolve 3 different vulnerabilities (CVEs).
```

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_9.3p1 Ubuntu-1ubuntu3.6
SSH supported authentication : password,keyboard-interactive
```

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/21/ftp

```
An FTP 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/22/ssh

```
An SSH 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

110723 - Target Credential Status by Authentication Protocol - No Credentials Provided

Synopsis

Nessus was able to find common ports used for local checks, however, no credentials were provided in the scan policy.

Description

Nessus was not able to successfully authenticate directly to the remote target on an available authentication protocol. Nessus was able to connect to the remote port and identify that the service running on the port supports an authentication protocol, but Nessus failed to authenticate to the remote service using the provided credentials. There may have been a protocol failure that prevented authentication from being attempted or all of the provided credentials for the authentication protocol may be invalid. See plugin output for error details.

Please note the following :

- This plugin reports per protocol, so it is possible for valid credentials to be provided for one protocol and not another. For example, authentication may succeed via SSH but fail via SMB, while no credentials were provided for an available SNMP service.
- Providing valid credentials for all available authentication protocols may improve scan coverage, but the value of successful authentication for a given protocol may vary from target to target depending upon what data (if any) is gathered from the target via that protocol. For example, successful authentication via SSH is more valuable for Linux targets than for Windows targets, and likewise successful authentication via SMB is more valuable for Windows targets than for Linux targets.

Solution

n/a

Risk Factor

None

References

XREF IAVB:0001-B-0504

Plugin Information

Published: 2018/06/27, Modified: 2024/04/19

Plugin Output

tcp/0

```
SSH was detected on port 22 but no credentials were provided.  
SSH local checks were not enabled.
```


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 192.168.1.10 to 192.168.1.103 :
192.168.1.10
192.168.1.103

Hop Count: 1
```

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      : user1-1-2.local.
```

52703 - vsftpd Detection

Synopsis

An FTP server is listening on the remote port.

Description

The remote host is running vsftpd, an FTP server for UNIX-like systems written in C.

See Also

<http://vsftpd.beasts.org/>

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2011/03/17, Modified: 2019/11/22

Plugin Output

tcp/21/ftp

```
Source  : 220 (vsFTPd 3.0.5)
Version : 3.0.5
```

Compliance 'FAILED'

Compliance 'SKIPPED'

Compliance 'PASSED'

Compliance 'INFO', 'WARNING', 'ERROR'

Remediations

Suggested Remediations

Taking the following actions across 1 hosts would resolve 17% of the vulnerabilities on the network.

ACTION TO TAKE	VULNS	HOSTS
OpenSSH < 9.8 RCE: Upgrade to OpenSSH version 9.8 or later.	3	1

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