meta_3

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Vulnerabilities by Host

Vulnerabilities by Host

192.168.1.8

CRITICAL	HIGH	MEDIUM	LOW	INFO
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Host Information

Netbios Name:	METASPLOITABLE3-UB1404
IP:	192.168.1.8
MAC Address:	00:0C:29:53:AF:1E
OS:	Linux Kernel 3.13 on Ubuntu 14.04 (trusty)

Vulnerabilities

92626 - Drupal Coder Module Deserialization RCE

Synopsis

A PHP application running on the remote web server is affected by a remote code execution vulnerability.

Description

The version of Drupal running on the remote web server is affected by a remote code execution vulnerability in the Coder module, specifically in file coder_upgrade.run.php, due to improper validation of user-supplied input to the unserialize() function. An unauthenticated, remote attacker can exploit this, via a specially crafted request, to execute arbitrary PHP code.

See Also

https://www.drupal.org/node/2765575

https://www.drupal.org/project/coder

Solution

Upgrade the Coder module to version 7.x-1.3 / 7.x-2.6 or later.

Alternatively, remove the entire Coder module directory from any publicly accessible website.

Risk Factor

Critical

CVSS v2.0 Base Score

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

CVSS v2.0 Temporal Score

8.3 (CVSS2#E:F/RL:OF/RC:ND)

References

XREF EDB-ID:40149

Plugin Information

Published: 2016/07/29, Modified: 2022/04/11

Plugin Output

tcp/80/www

```
Nessus was able to exploit the issue using the following request :

http://192.168.1.8/drupal/sites/all/modules/coder/coder_upgrade/scripts/coder_upgrade.run.php


This produced the following truncated output (limited to 10 lines) :
------------------------------ snip ------------------------------
file parameter is not setNo path to parameter file

------------------------------ snip ------------------------------
```

84215 - ProFTPD mod_copy Information Disclosure

Synopsis

The remote host is running a ProFTPD module that is affected by an information disclosure vulnerability.

Description

The remote host is running a version of ProFTPD that is affected by an information disclosure vulnerability in the mod_copy module due to the SITE CPFR and SITE CPTO commands being available to unauthenticated clients. An unauthenticated, remote attacker can exploit this flaw to read and write to arbitrary files on any web accessible path on the host.

See Also

http://bugs.proftpd.org/show_bug.cgi?id=4169

Solution

Upgrade to ProFTPD 1.3.5a / 1.3.6rc1 or later.

Risk Factor

Critical

CVSS v3.0 Base Score

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

CVSS v3.0 Temporal Score

9.1 (CVSS:3.0/E:F/RL:O/RC:C)

VPR Score

7.4

EPSS Score

0.9703

CVSS v2.0 Base Score

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

CVSS v2.0 Temporal Score

8.3 (CVSS2#E:F/RL:OF/RC:C)

References

BID	74238
CVE	CVE-2015-3306
XREF	EDB-ID:36742
XREF	EDB-ID:36803

Exploitable With

CANVAS (true) Metasploit (true)

Plugin Information

Published: 2015/06/16, Modified: 2024/01/16

Plugin Output

tcp/21/ftp

```
Nessus received a 350 response from sending the following unauthenticated request :

SITE CPFR /etc/passwd
```

78515 - Drupal Database Abstraction API SQLi

Synopsis

The remote web server is running a PHP application that is affected by a SQL injection vulnerability.

Description

The remote web server is running a version of Drupal that is affected by a SQL injection vulnerability due to a flaw in the Drupal database abstraction API, which allows a remote attacker to use specially crafted requests that can result in arbitrary SQL execution. This may lead to privilege escalation, arbitrary PHP execution, or remote code execution.

See Also

https://www.drupal.org/SA-CORE-2014-005

https://www.drupal.org/project/drupal/releases/7.32

Solution

Upgrade to version 7.32 or later.

Risk Factor

High

VPR Score

7.4

EPSS Score

0.9707

CVSS v2.0 Base Score

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

CVSS v2.0 Temporal Score

6.2 (CVSS2#E:F/RL:OF/RC:C)

References

BID	70595
CVE	CVE-2014-3704
XREF	EDB-ID:34984
XREF	EDB-ID:34992

XREF EDB-ID:34993
XREF EDB-ID:35150

Exploitable With

CANVAS (true) Core Impact (true) (true) Metasploit (true)

Plugin Information

Published: 2014/10/16, Modified: 2022/04/11

Plugin Output

tcp/80/www

```
Nessus was able to exploit the issue using the following request :

POST /drupal/?q=node&destination=node HTTP/1.1
Host: 192.168.1.8
Accept-Charset: iso-8859-1,utf-8;q=0.9,*;q=0.1
Accept-Language: en
Content-Type: application/x-www-form-urlencoded
Connection: Keep-Alive
Content-Length: 117
User-Agent: Mozilla/4.0 (compatible; MSIE 8.0; Windows NT 5.1; Trident/4.0)
Pragma: no-cache
Accept: image/gif, image/x-xbitmap, image/jpeg, image/pjpeg, image/png, */*
name[0;SELECT
+@@version;#]=0;&name[0]=nessus&pass=nessus&test2=test&form_build_id=&form_id=user_login_block&op=Log
+in


This produced the following truncated output (limited to 5 lines) :
------------------------------ snip ------------------------------
>Warning</em>: mb_strlen() expects parameter 1 to be string, array given in <em
 class="placeholder">drupal_strlen()</em> (line <em class="placeholder">441</em> of <em
 class="placeholder">/var/www/html/drupal/includes/unicode.inc</em>).</li>
<li><em class="placeholder">Warning</em>: addcslashes() expects parameter 1 to be string,
 array given in <em class="placeholder">DatabaseConnection-&gt;escapeLike()</em> (line <em
 class="placeholder">965</em> of <em class="placeholder">/var/www/html/drupal/includes/database/
database.inc</em>).</li>
<li>Sorry, unrecognized username or password. <a href="/drupal/?q=user/password">Have you forgotten
 your password?</a></li>
</ul>
</div>
[...]

------------------------------ snip ------------------------------
```

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/631/www

```
  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}
```

10704 - Apache Multiviews Arbitrary Directory Listing

Synopsis

The remote web server is affected by an information disclosure vulnerability.

Description

The Apache web server running on the remote host is affected by an information disclosure vulnerability. An unauthenticated, remote attacker can exploit this, by sending a crafted request, to display a listing of a remote directory, even if a valid index file exists in the directory.

For Apache web server later than 1.3.22, review listing directory configuration to avoid disclosing sensitive information

See Also

http://www.nessus.org/u?f39e976b

http://www.nessus.org/u?a96611bc

http://www.nessus.org/u?c1c382bc

Solution

Upgrade to Apache version 1.3.22 or later. Alternatively, as a workaround, disable Multiviews.

Risk Factor

Medium

CVSS v3.0 Base Score

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

CVSS v3.0 Temporal Score

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

VPR Score

2.2

EPSS Score

0.9652

CVSS v2.0 Base Score

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

CVSS v2.0 Temporal Score

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

References

BID	3009
CVE	CVE-2001-0731
XREF	OWASP:OWASP-CM-004
XREF	EDB-ID:21002

Plugin Information

Published: 2016/02/16, Modified: 2020/10/21

Plugin Output

tcp/80/www

```
Nessus was able to exploit the issue using the following request :

http://192.168.1.8/?M=A


This produced the following truncated output (limited to 10 lines) :
------------------------------ snip ------------------------------
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">
<html>
<head>
<title>Index of /</title>
</head>
<body>
<h1>Index of /</h1>
<table>
<tr><th valign="top"><img src="/icons/blank.gif" alt="[ICO]"></th><th><a href="?C=N;O=D">Name</a></
th><th><a href="?C=M;O=A">Last modified</a></th><th><a href="?C=S;O=A">Size</a></th><th><a href="?
C=D;O=A">Description</a></th></tr>
<tr><th colspan="5"><hr></th></tr>
[...]

------------------------------ snip ------------------------------
```

50686 - IP Forwarding Enabled

Synopsis

The remote host has IP forwarding enabled.

Description

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

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

Solution

On Linux, you can disable IP forwarding by doing :

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

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

HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\Tcpip\Parameters

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

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

For other systems, check with your vendor.

Risk Factor

Medium

CVSS v3.0 Base Score

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

VPR Score

4.9

EPSS Score

0.0035

CVSS v2.0 Base Score

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

References

CVE CVE-1999-0511

Plugin Information

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

Plugin Output

tcp/0

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

 Detected local MAC Address        : 000c29aeda74
 Response from local MAC Address   : 000c29aeda74

 Detected Gateway MAC Address      : 000c2953af1e
 Response from Gateway MAC Address : 000c2953af1e
```

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

187315 - SSH Terrapin Prefix Truncation Weakness (CVE-2023-48795)

Synopsis

The remote SSH server is vulnerable to a mitm prefix truncation attack.

Description

The remote SSH server is vulnerable to a man-in-the-middle prefix truncation weakness known as Terrapin. This can allow a remote, man-in-the-middle attacker to bypass integrity checks and downgrade the connection's security.

Note that this plugin only checks for remote SSH servers that support either ChaCha20-Poly1305 or CBC with Encrypt-then-MAC and do not support the strict key exchange countermeasures. It does not check for vulnerable software versions.

See Also

https://terrapin-attack.com/

Solution

Contact the vendor for an update with the strict key exchange countermeasures or disable the affected algorithms.

Risk Factor

Medium

CVSS v3.0 Base Score

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

CVSS v3.0 Temporal Score

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

VPR Score

6.1

EPSS Score

0.9629

CVSS v2.0 Base Score

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

CVSS v2.0 Temporal Score

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

References

CVE	CVE-2023-48795

Plugin Information

Published: 2023/12/27, Modified: 2024/01/29

Plugin Output

tcp/22/ssh

```
Supports following CBC Client to Server algorithm              : cast128-cbc
Supports following CBC Client to Server algorithm              : aes192-cbc
Supports following CBC Client to Server algorithm              : aes256-cbc
Supports following CBC Client to Server algorithm              : rijndael-cbc@lysator.liu.se
Supports following CBC Client to Server algorithm              : blowfish-cbc
Supports following CBC Client to Server algorithm              : 3des-cbc
Supports following CBC Client to Server algorithm              : aes128-cbc
Supports following ChaCha20-Poly1305 Client to Server algorithm : chacha20-poly1305@openssh.com
Supports following Encrypt-then-MAC Client to Server algorithm  : hmac-md5-etm@openssh.com
Supports following Encrypt-then-MAC Client to Server algorithm  : hmac-sha1-etm@openssh.com
Supports following Encrypt-then-MAC Client to Server algorithm  : hmac-md5-96-etm@openssh.com
Supports following Encrypt-then-MAC Client to Server algorithm  : hmac-sha1-96-etm@openssh.com
Supports following Encrypt-then-MAC Client to Server algorithm  : hmac-ripemd160-etm@openssh.com
Supports following Encrypt-then-MAC Client to Server algorithm  : hmac-sha2-512-etm@openssh.com
Supports following Encrypt-then-MAC Client to Server algorithm  : hmac-sha2-256-etm@openssh.com
Supports following Encrypt-then-MAC Client to Server algorithm  : umac-128-etm@openssh.com
Supports following Encrypt-then-MAC Client to Server algorithm  : umac-64-etm@openssh.com
Supports following CBC Server to Client algorithm              : cast128-cbc
Supports following CBC Server to Client algorithm              : aes192-cbc
Supports following CBC Server to Client algorithm              : aes256-cbc
Supports following CBC Server to Client algorithm              : rijndael-cbc@lysator.liu.se
Supports following CBC Server to Client algorithm              : blowfish-cbc
Supports following CBC Server to Client algorithm              : 3des-cbc
Supports following CBC Server to Client algorithm              : aes128-c [...]
```

90317 - SSH Weak Algorithms Supported

Synopsis

The remote SSH server is configured to allow weak encryption algorithms or no algorithm at all.

Description

Nessus has detected that the remote SSH server is configured to use the Arcfour stream cipher or no cipher at all. RFC 4253 advises against using Arcfour due to an issue with weak keys.

See Also

https://tools.ietf.org/html/rfc4253#section-6.3

Solution

Contact the vendor or consult product documentation to remove the weak ciphers.

Risk Factor

Medium

CVSS v2.0 Base Score

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

Plugin Information

Published: 2016/04/04, Modified: 2016/12/14

Plugin Output

tcp/22/ssh

```
The following weak server-to-client encryption algorithms are supported :

  arcfour
  arcfour128
  arcfour256

The following weak client-to-server encryption algorithms are supported :

  arcfour
  arcfour128
  arcfour256
```

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/631/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=ubuntu
|-Issuer  : CN=ubuntu
```

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/631/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=ubuntu
```

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/631/www

```
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/631/www

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

10114 - ICMP Timestamp Request Remote Date Disclosure

Synopsis

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

Description

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

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

Solution

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

Risk Factor

Low

VPR Score

4.9

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 remote clock is synchronized with the local clock.
```

70658 - SSH Server CBC Mode Ciphers Enabled

Synopsis

The SSH server is configured to use Cipher Block Chaining.

Description

The SSH server is configured to support Cipher Block Chaining (CBC) encryption. This may allow an attacker to recover the plaintext message from the ciphertext.

Note that this plugin only checks for the options of the SSH server and does not check for vulnerable software versions.

Solution

Contact the vendor or consult product documentation to disable CBC mode cipher encryption, and enable CTR or GCM cipher mode encryption.

Risk Factor

Low

CVSS v3.0 Base Score

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

VPR Score

3.4

EPSS Score

0.5254

CVSS v2.0 Base Score

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

CVSS v2.0 Temporal Score

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

References

BID	32319
CVE	CVE-2008-5161
XREF	CERT:958563
XREF	CWE:200

Plugin Information

Published: 2013/10/28, Modified: 2023/10/27

Plugin Output

tcp/22/ssh

```
The following client-to-server Cipher Block Chaining (CBC) algorithms
are supported :

  3des-cbc
  aes128-cbc
  aes192-cbc
  aes256-cbc
  blowfish-cbc
  cast128-cbc
  rijndael-cbc@lysator.liu.se

The following server-to-client Cipher Block Chaining (CBC) algorithms
are supported :

  3des-cbc
  aes128-cbc
  aes192-cbc
  aes256-cbc
  blowfish-cbc
  cast128-cbc
  rijndael-cbc@lysator.liu.se
```

153953 - SSH Weak Key Exchange Algorithms Enabled

Synopsis

The remote SSH server is configured to allow weak key exchange algorithms.

Description

The remote SSH server is configured to allow key exchange algorithms which are considered weak.

This is based on the IETF draft document Key Exchange (KEX) Method Updates and Recommendations for Secure Shell (SSH) RFC9142. Section 4 lists guidance on key exchange algorithms that SHOULD NOT and MUST NOT be enabled. This includes:

diffie-hellman-group-exchange-sha1

diffie-hellman-group1-sha1

gss-gex-sha1-*

gss-group1-sha1-*

gss-group14-sha1-*

rsa1024-sha1

Note that this plugin only checks for the options of the SSH server, and it does not check for vulnerable software versions.

See Also

https://datatracker.ietf.org/doc/html/rfc9142

Solution

Contact the vendor or consult product documentation to disable the weak algorithms.

Risk Factor

Low

CVSS v3.0 Base Score

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

CVSS v2.0 Base Score

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

Plugin Information

Published: 2021/10/13, Modified: 2024/03/22

Plugin Output

tcp/22/ssh

```
The following weak key exchange algorithms are enabled :

  diffie-hellman-group-exchange-sha1
  diffie-hellman-group1-sha1
```

71049 - SSH Weak MAC Algorithms Enabled

Synopsis

The remote SSH server is configured to allow MD5 and 96-bit MAC algorithms.

Description

The remote SSH server is configured to allow either MD5 or 96-bit MAC algorithms, both of which are considered weak.

Note that this plugin only checks for the options of the SSH server, and it does not check for vulnerable software versions.

Solution

Contact the vendor or consult product documentation to disable MD5 and 96-bit MAC algorithms.

Risk Factor

Low

CVSS v2.0 Base Score

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

Plugin Information

Published: 2013/11/22, Modified: 2016/12/14

Plugin Output

tcp/22/ssh

```
The following client-to-server Message Authentication Code (MAC) algorithms
are supported :

  hmac-md5
  hmac-md5-96
  hmac-md5-96-etm@openssh.com
  hmac-md5-etm@openssh.com
  hmac-sha1-96
  hmac-sha1-96-etm@openssh.com

The following server-to-client Message Authentication Code (MAC) algorithms
are supported :

  hmac-md5
  hmac-md5-96
  hmac-md5-96-etm@openssh.com
  hmac-md5-etm@openssh.com
  hmac-sha1-96
  hmac-sha1-96-etm@openssh.com
```

18261 - Apache Banner Linux Distribution Disclosure

Synopsis

The name of the Linux distribution running on the remote host was found in the banner of the web server.

Description

Nessus was able to extract the banner of the Apache web server and determine which Linux distribution the remote host is running.

Solution

If you do not wish to display this information, edit 'httpd.conf' and set the directive 'ServerTokens Prod' and restart Apache.

Risk Factor

None

Plugin Information

Published: 2005/05/15, Modified: 2022/03/21

Plugin Output

tcp/0

```
The Linux distribution detected was :
 - Ubuntu 14.04 (trusty)
```

48204 - Apache HTTP Server Version

Synopsis

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

Description

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

See Also

https://httpd.apache.org/

Solution

n/a

Risk Factor

None

References

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

Plugin Information

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

Plugin Output

tcp/80/www

```
URL        : http://192.168.1.8/
Version    : 2.4.99
Source     : Server: Apache/2.4.7 (Ubuntu)
backported : 1
os         : ConvertedUbuntu
```

39519 - Backported Security Patch Detection (FTP)

Synopsis

Security patches are backported.

Description

Security patches may have been 'backported' to the remote FTP server without changing its version number.

Banner-based checks have been disabled to avoid false positives.

Note that this test is informational only and does not denote any security problem.

See Also

https://access.redhat.com/security/updates/backporting/?sc_cid=3093

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2009/06/25, Modified: 2015/07/07

Plugin Output

tcp/21/ftp

```
Give Nessus credentials to perform local checks.
```

39520 - Backported Security Patch Detection (SSH)

Synopsis

Security patches are backported.

Description

Security patches may have been 'backported' to the remote SSH server without changing its version number.

Banner-based checks have been disabled to avoid false positives.

Note that this test is informational only and does not denote any security problem.

See Also

https://access.redhat.com/security/updates/backporting/?sc_cid=3093

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2009/06/25, Modified: 2015/07/07

Plugin Output

tcp/22/ssh

```
Give Nessus credentials to perform local checks.
```

39521 - Backported Security Patch Detection (WWW)

Synopsis

Security patches are backported.

Description

Security patches may have been 'backported' to the remote HTTP server without changing its version number.

Banner-based checks have been disabled to avoid false positives.

Note that this test is informational only and does not denote any security problem.

See Also

https://access.redhat.com/security/updates/backporting/?sc_cid=3093

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2009/06/25, Modified: 2015/07/07

Plugin Output

tcp/80/www

```
Give Nessus credentials to perform local checks.
```

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:canonical:ubuntu_linux:14.04 -> Canonical Ubuntu Linux

Following application CPE's matched on the remote system :

  cpe:/a:apache:http_server:2.4.7 -> Apache Software Foundation Apache HTTP Server
  cpe:/a:apache:http_server:2.4.99 -> Apache Software Foundation Apache HTTP Server
  cpe:/a:drupal:drupal:7.5 -> Drupal
  cpe:/a:mysql:mysql -> MySQL MySQL
  cpe:/a:openbsd:openssh:6.6 -> OpenBSD OpenSSH
  cpe:/a:openbsd:openssh:6.6.1p1 -> OpenBSD OpenSSH
  cpe:/a:samba:samba -> Samba Samba
  cpe:/a:samba:samba:4.3.11 -> Samba Samba
```

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 : 95
```

18638 - Drupal Software Detection

Synopsis

A content management system is running on the remote web server.

Description

Drupal, an open source content management system written in PHP, is running on the remote web server.

See Also

https://www.drupal.org/

Solution

Ensure that the use of this software aligns with your organization's security and acceptable use policies.

Risk Factor

None

References

XREF	IAVT:0001-T-0586

Plugin Information

Published: 2005/07/07, Modified: 2023/05/24

Plugin Output

tcp/80/www

```
URL     : http://192.168.1.8/drupal
Version : 7.5
```

19689 - Embedded Web Server Detection

Synopsis

The remote web server is embedded.

Description

The remote web server cannot host user-supplied CGIs. CGI scanning will be disabled on this server.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2005/09/14, Modified: 2019/11/22

Plugin Output

tcp/631/www

35716 - Ethernet Card Manufacturer Detection

Synopsis

The manufacturer can be identified from the Ethernet OUI.

Description

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

See Also

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

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

Solution

n/a

Risk Factor

None

Plugin Information

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

Plugin Output

tcp/0

```
The following card manufacturers were identified :

00:0C:29:53:AF:1E : VMware, Inc.
```

86420 - Ethernet MAC Addresses

Synopsis

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

Description

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

Solution

n/a

Risk Factor

None

Plugin Information

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

Plugin Output

tcp/0

```
The following is a consolidated list of detected MAC addresses:
  - 00:0C:29:53:AF:1E
```

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 ProFTPD 1.3.5 Server (ProFTPD Default Installation) [192.168.1.8]
```

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)

Solution

n/a

Risk Factor

None

Plugin Information

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

Plugin Output

tcp/80/www

```
Based on the response to an OPTIONS request :

  - HTTP methods GET HEAD OPTIONS POST are allowed on :

    /
```

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)

Solution

n/a

Risk Factor

None

Plugin Information

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

Plugin Output

tcp/631/www

```
Based on the response to an OPTIONS request :

  - HTTP methods  HEAD  OPTIONS  POST  PUT GET are allowed on :

    /
```

10107 - HTTP Server Type and Version

Synopsis

A web server is running on the remote host.

Description

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

Solution

n/a

Risk Factor

None

References

XREF IAVT:0001-T-0931

Plugin Information

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

Plugin Output

tcp/80/www

```
The remote web server type is :

Apache/2.4.7 (Ubuntu)
```

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/631/www

```
The remote web server type is :

CUPS/1.7 IPP/2.1
```

24260 - HyperText Transfer Protocol (HTTP) Information

Synopsis

Some information about the remote HTTP configuration can be extracted.

Description

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

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

Solution

n/a

Risk Factor

None

Plugin Information

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

Plugin Output

tcp/80/www

```
Response Code : HTTP/1.1 200 OK

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

  Date: Thu, 28 Nov 2024 18:42:27 GMT
  Server: Apache/2.4.7 (Ubuntu)
  Vary: Accept-Encoding
  Content-Length: 1349
  Keep-Alive: timeout=5, max=100
  Connection: Keep-Alive
  Content-Type: text/html;charset=UTF-8

Response Body :

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">
<html>
 <head>
  <title>Index of /</title>
 </head>
 <body>
<h1>Index of /</h1>
```

```
  <table>
   <tr><th valign="top"><img src="/icons/blank.gif" alt="[ICO]"></th><th><a href="?C=N;O=D">Name</
a></th><th><a href="?C=M;O=A">Last modified</a></th><th><a href="?C=S;O=A">Size</a></th><th><a
 href="?C=D;O=A">Description</a></th></tr>
   <tr><th colspan="5"><hr></th></tr>
<tr><td valign="top"><img src="/icons/folder.gif" alt="[DIR]"></td><td><a href="chat/">chat/</a></
td><td align="right">2020-10-29 19:37  </td><td align="right">  - </td><td> </td></tr>
<tr><td valign="top"><img src="/icons/folder.gif" alt="[DIR]"></td><td><a href="drupal/">drupal/</
a></td><td align="right">2011-07-27 20:17  </td><td align="right">  - </td><td> </td></tr>
<tr><td valign="top"><img src="/icons/unknown.gif" alt="[   ]"></td><td><a
 href="payroll_app.php">payroll_app.php</a></td><td align="right">2020-10-29 19:37  </td><td
 align="right">1.7K</td><td> </td></tr>
<tr><td valign="top"><img src="/icons/folder.gif" alt="[DIR]"></td><td><a
 href="phpmyadmin/">phpmyadmin/</a></td><td align="right">2013-04-08 12:06  </td><td align="right">
 - </td><td> </td></tr>
   <tr><th colspan="5"><hr></th></tr>
</table>
<address>Apache/2.4.7 (Ubuntu) Server at 192.168.1.8 Port 80</address>
</body></html>
```

42410 - Microsoft Windows NTLMSSP Authentication Request Remote Network Name Disclosure

Synopsis

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

Description

The remote host listens on tcp port 445 and replies to SMB requests.

By sending an NTLMSSP authentication request it is possible to obtain the name of the remote system and the name of its domain.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2009/11/06, Modified: 2019/11/22

Plugin Output

tcp/445/cifs

```
The following 2 NetBIOS names have been gathered :

 METASPLOITABLE3-UB1404 = Computer name
 METASPLOITABLE3-UB1404 = Workgroup / Domain name
```

17651 - Microsoft Windows SMB : Obtains the Password Policy

Synopsis

It is possible to retrieve the remote host's password policy using the supplied credentials.

Description

Using the supplied credentials it was possible to extract the password policy for the remote Windows host. The password policy must conform to the Informational System Policy.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2005/03/30, Modified: 2015/01/12

Plugin Output

tcp/445/cifs

```
The following password policy is defined on the remote host:

Minimum password len: 5
Password history len: 0
Maximum password age (d): No limit
Password must meet complexity requirements: Disabled
Minimum password age (d): 0
Forced logoff time (s): Not set
Locked account time (s): 1800
Time between failed logon (s): 1800
Number of invalid logon before locked out (s): 0
```

10859 - Microsoft Windows SMB LsaQueryInformationPolicy Function SID Enumeration

Synopsis

It is possible to obtain the host SID for the remote host.

Description

By emulating the call to LsaQueryInformationPolicy(), it was possible to obtain the host SID (Security Identifier).

The host SID can then be used to get the list of local users.

See Also

http://technet.microsoft.com/en-us/library/bb418944.aspx

Solution

You can prevent anonymous lookups of the host SID by setting the 'RestrictAnonymous' registry setting to an appropriate value.

Refer to the 'See also' section for guidance.

Risk Factor

None

Plugin Information

Published: 2002/02/13, Modified: 2024/01/31

Plugin Output

tcp/445/cifs

```
The remote host SID value is : S-1-5-21-2892692244-97591703-1708969968

The value of 'RestrictAnonymous' setting is : unknown
```

10785 - Microsoft Windows SMB NativeLanManager Remote System Information Disclosure

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 6.1
The remote native LAN manager is : Samba 4.3.11-Ubuntu
The remote SMB Domain Name is : METASPLOITABLE3-UB1404
```

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.
```

60119 - Microsoft Windows SMB Share Permissions Enumeration

Synopsis

It was possible to enumerate the permissions of remote network shares.

Description

By using the supplied credentials, Nessus was able to enumerate the permissions of network shares. User permissions are enumerated for each network share that has a list of access control entries (ACEs).

See Also

https://technet.microsoft.com/en-us/library/bb456988.aspx

https://technet.microsoft.com/en-us/library/cc783530.aspx

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2012/07/25, Modified: 2022/08/11

Plugin Output

tcp/445/cifs

```
Share path : \\METASPLOITABLE3-UB1404\print$
Local path : C:\var\lib\samba\printers
Comment : Printer Drivers
[*] Allow ACE for Everyone (S-1-1-0): 0x001f01ff
    FILE_GENERIC_READ:         YES
    FILE_GENERIC_WRITE:        YES
    FILE_GENERIC_EXECUTE:      YES

Share path : \\METASPLOITABLE3-UB1404\public
Local path : C:\var\www\html\
Comment : WWW
[*] Allow ACE for Everyone (S-1-1-0): 0x001f01ff
    FILE_GENERIC_READ:         YES
    FILE_GENERIC_WRITE:        YES
    FILE_GENERIC_EXECUTE:      YES

Share path : \\METASPLOITABLE3-UB1404\IPC$
Local path : C:\tmp
Comment : IPC Service (metasploitable3-ub1404 server (Samba, Ubuntu))
[*] Allow ACE for Everyone (S-1-1-0): 0x001f01ff
    FILE_GENERIC_READ:         YES
```

```
    FILE_GENERIC_WRITE:         YES
    FILE_GENERIC_EXECUTE:       YES
```

10395 - Microsoft Windows SMB Shares Enumeration

Synopsis

It is possible to enumerate remote network shares.

Description

By connecting to the remote host, Nessus was able to enumerate the network share names.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2000/05/09, Modified: 2022/02/01

Plugin Output

tcp/445/cifs

```
Here are the SMB shares available on the remote host :

  - print$
  - public
  - IPC$
```

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
2.2.2      Windows 8 Beta
2.2.4      Windows 8 Beta
3.0        Windows 8
3.0.2      Windows 8.1
3.1        Windows 10
3.1.1      Windows 10
```

10719 - MySQL Server Detection

Synopsis

A database server is listening on the remote port.

Description

The remote host is running MySQL, an open source database server.

Solution

n/a

Risk Factor

None

References

XREF IAVT:0001-T-0802

Plugin Information

Published: 2001/08/13, Modified: 2022/10/12

Plugin Output

tcp/3306/mysql

```
The remote database access is restricted and configured to reject access
from unauthorized IPs.  Therefore it was not possible to extract its
version number.
```

11219 - Nessus SYN scanner

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
```

11219 - Nessus SYN scanner

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
```

11219 - Nessus SYN scanner

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
```

11219 - Nessus SYN scanner

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
```

11219 - Nessus SYN scanner

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/631/www

```
Port 631/tcp was found to be open
```

11219 - Nessus SYN scanner

Synopsis

It is possible to determine which TCP ports are open.

Description

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

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

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

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

Plugin Output

tcp/3306/mysql

```
Port 3306/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 : 202411281446
Scanner edition used : Nessus Home
Scanner OS : LINUX
Scanner distribution : ubuntu1604-x86-64
Scan type : Normal
Scan name : meta_3
```

```
Scan policy used : Advanced Scan
Scanner IP : 192.168.1.15
Port scanner(s) : nessus_syn_scanner
Port range : default
Ping RTT : 143.455 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 : 256
Max checks : 5
Recv timeout : 5
Backports : Detected
Allow post-scan editing : Yes
Nessus Plugin Signature Checking : Enabled
Audit File Signature Checking : Disabled
Scan Start Date : 2024/11/28 13:38 EST
Scan duration : 455 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 3.13 on Ubuntu 14.04 (trusty)
Confidence level : 95
Method : HTTP


The remote host is running Linux Kernel 3.13 on Ubuntu 14.04 (trusty)
```

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: 2024/11/27

Plugin Output

tcp/22/ssh

```
Service : ssh
Version : 6.6.1p1
Banner  : SSH-2.0-OpenSSH_6.6.1p1 Ubuntu-2ubuntu2.13
```

66334 - Patch Report

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: 2024/11/12

Plugin Output

tcp/0

```
. You need to take the following 2 actions :

[ ProFTPD mod_copy Information Disclosure (84215) ]

+ Action to take : Upgrade to ProFTPD 1.3.5a / 1.3.6rc1 or later.


[ SSH Terrapin Prefix Truncation Weakness (CVE-2023-48795) (187315) ]

+ Action to take : Contact the vendor for an update with the strict key exchange countermeasures or
 disable the affected algorithms.
```

70657 - SSH Algorithms and Languages Supported

Synopsis

An SSH server is listening on this port.

Description

This script detects which algorithms and languages are supported by the remote service for encrypting communications.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2013/10/28, Modified: 2017/08/28

Plugin Output

tcp/22/ssh

```
Nessus negotiated the following encryption algorithm with the server :

The server supports the following options for kex_algorithms :

  curve25519-sha256@libssh.org
  diffie-hellman-group-exchange-sha1
  diffie-hellman-group-exchange-sha256
  diffie-hellman-group1-sha1
  diffie-hellman-group14-sha1
  ecdh-sha2-nistp256
  ecdh-sha2-nistp384
  ecdh-sha2-nistp521

The server supports the following options for server_host_key_algorithms :

  ecdsa-sha2-nistp256
  ssh-dss
  ssh-ed25519
  ssh-rsa

The server supports the following options for encryption_algorithms_client_to_server :

  3des-cbc
  aes128-cbc
  aes128-ctr
  aes128-gcm@openssh.com
  aes192-cbc
  aes192-ctr
  aes256-cbc
```

```
  aes256-ctr
  aes256-gcm@openssh.com
  arcfour
  arcfour128
  arcfour256
  blowfish-cbc
  cast128-cbc
  chacha20-poly1305@openssh.com
  rijndael-cbc@lysator.liu.se

The server supports the following options for encryption_algorithms_server_to_client :

  3des-cbc
  aes128-cbc
  aes128-ctr
  aes128-gcm@openssh.com
  aes192-cbc
  aes192-ctr
  aes256-cbc
  aes256-ctr
  aes256-gcm@openssh.com
  arcfour
  arcfour128
  arcfour256
  blowfish-cbc
  cast128-cbc
  chacha20-poly1305@openssh.com
  rijndael-cbc@lysator.liu.se

The server supports the following options for mac_algorithms_client_to_server :

  hmac-md5
  hmac-md5-96
  hmac-md5-96-etm@openssh.com
  hmac-md5-etm@openssh.com
  hmac-ripemd160
  hmac-ripemd160-etm@openssh.com
  hmac-ripemd160@openssh.com
  hmac-sha1
  hmac-sha1-96
  hmac-sha1-96-etm@openssh.com
  hmac-sha1-etm@openssh.com
  hmac-sha2-256
  hmac-sha2-256-etm@openssh.com
  hmac-sha2-512
  hmac-sha2-512-etm@openssh.com
  umac-128-etm@openssh.com
  umac-128@openssh.com
  umac-64-etm@openssh.com
  umac-64@openssh.com

The server supports the following options for mac_algorithms_server_to_client :

  hmac-md5
  hmac-md5-96
  hmac-md5-96-etm@openssh.com
  hmac-md5-etm@openssh.com
  hmac-ripemd160
  hmac-ripemd160-etm@openssh.com
  hmac-ripemd160@openssh.com
  hmac-sha1
  hmac-sha1-96
  hmac-sha1-96-etm@openssh.com
  hmac-sh [...]
```

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
```

153588 - SSH SHA-1 HMAC Algorithms Enabled

Synopsis

The remote SSH server is configured to enable SHA-1 HMAC algorithms.

Description

The remote SSH server is configured to enable SHA-1 HMAC algorithms.

Although NIST has formally deprecated use of SHA-1 for digital signatures, SHA-1 is still considered secure for HMAC as the security of HMAC does not rely on the underlying hash function being resistant to collisions.

Note that this plugin only checks for the options of the remote SSH server.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2021/09/23, Modified: 2022/04/05

Plugin Output

tcp/22/ssh

```
The following client-to-server SHA-1 Hash-based Message Authentication Code (HMAC) algorithms are
 supported :

  hmac-sha1
  hmac-sha1-96
  hmac-sha1-96-etm@openssh.com
  hmac-sha1-etm@openssh.com

The following server-to-client SHA-1 Hash-based Message Authentication Code (HMAC) algorithms are
 supported :

  hmac-sha1
  hmac-sha1-96
  hmac-sha1-96-etm@openssh.com
  hmac-sha1-etm@openssh.com
```

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_6.6.1p1 Ubuntu-2ubuntu2.13
SSH supported authentication : publickey,password
```

56984 - SSL / TLS Versions Supported

Synopsis

The remote service encrypts communications.

Description

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

Solution

n/a

Risk Factor

None

Plugin Information

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

Plugin Output

tcp/631/www

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

45410 - SSL Certificate 'commonName' Mismatch

Synopsis

The 'commonName' (CN) attribute in the SSL certificate does not match the hostname.

Description

The service running on the remote host presents an SSL certificate for which the 'commonName' (CN) attribute does not match the hostname on which the service listens.

Solution

If the machine has several names, make sure that users connect to the service through the DNS hostname that matches the common name in the certificate.

Risk Factor

None

Plugin Information

Published: 2010/04/03, Modified: 2021/03/09

Plugin Output

tcp/631/www

```
The host name known by Nessus is :

  metasploitable3-ub1404

The Common Name in the certificate is :

  ubuntu
```

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/631/www

```
Subject Name:

Common Name: ubuntu

Issuer Name:

Common Name: ubuntu

Serial Number: 00 B4 19 55 57 D4 D9 40 BF

Version: 3

Signature Algorithm: SHA-256 With RSA Encryption

Not Valid Before: Oct 29 19:28:07 2020 GMT
Not Valid After: Oct 27 19:28:07 2030 GMT

Public Key Info:

Algorithm: RSA Encryption
Key Length: 2048 bits
Public Key: 00 C4 71 FD 30 C2 2D A6 63 74 4B 39 CE 9B 39 E2 AD 75 F0 BC
            EA 44 C7 55 7C 0C 5D 95 5D 4C 94 25 50 C3 40 88 EC 19 2C 23
            89 40 39 C2 0E D9 C9 48 1F DE 56 1A 75 C5 5F 25 A8 EF 46 B6
            52 14 B8 0A 14 69 D9 CD 86 A5 71 45 45 6E C5 78 95 7C 55 16
            55 B5 41 B3 B3 42 FA F9 58 C2 EA 4F C2 2D 38 41 7B 9A F7 51
            8C 07 24 AF DD 96 02 A1 E3 63 2F FC 7B 65 22 05 F2 4A 19 AE
            72 7F 78 AB EF 21 CF 13 CE 6C 67 9B CA 01 65 47 9B 33 E0 A3
            A2 7E F4 79 DA 43 7F 4B B2 34 F6 B5 5B C5 1E 6E 38 A3 C4 88
            7B 60 EF 25 F4 71 AF FA 75 18 23 02 18 28 1B BE 3F 3F B2 5E
            53 CE 1E F2 88 37 13 D4 60 44 A2 C4 77 7F 40 2E A0 2A EF 0B
            E6 B1 A6 F8 EC E9 73 E1 64 6B 40 FE 92 05 35 FB 2E 74 22 AF
```

```
             9B 0E B0 53 A4 10 07 84 4B 8C 62 17 7E CE 2E 8F AD 00 61 27
             E8 7D 44 0D F0 7F 48 3E 78 D4 EA 9A 10 C8 2E 76 15
Exponent: 01 00 01

Signature Length: 256 bytes / 2048 bits
Signature: 00 BA 04 3F 75 9E 17 21 D8 86 A3 C8 E6 78 E7 C3 9E 0D EE 8F
           C9 FF 91 80 26 30 3F D3 DA C4 74 9D 3B 2B 40 69 FD 08 4A F1
           5C 1A 62 F2 40 9D BA A5 7C FE 34 62 3B C9 33 6D FA 47 18 31
           38 03 0C CD A9 5A 26 88 D9 7F D0 57 0D 36 F1 C1 D1 36 0C 71
           74 58 54 4A A6 27 1C F8 51 E5 6D 46 6B 2B 44 FA D0 EC D2 DB
           1F 74 49 CA 80 7D 30 3A 14 90 BE A3 1B FE 7F 5C DE 66 B9 21
           2C 3E F9 B8 96 63 4D 93 3B 21 7F 40 60 0C EE B4 1D E1 F9 33
           B1 CF E0 2D 2F 91 58 23 CD FA 0B F1 D7 25 E6 96 41 CC 1A BE
           19 54 4A ED 70 1E 5E E5 E5 24 8C B4 1F 99 A0 8F B8 F6 57 32
           E3 E6 20 3A 85 0D 9B C4 68 E4 D0 14 E3 0F E5 BF 44 0A 2F  [...]
```

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/631/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)
 SHA1

  High Strength Ciphers (>= 112-bit key)

    Name                          Code              KEX           Auth     Encryption             MAC
    ----------------------        ----------        ---           ----     ----------------------  ---
    AES128-SHA                    0x00, 0x2F        RSA           RSA      AES-CBC(128)
 SHA1
    AES256-SHA                    0x00, 0x35        RSA           RSA      AES-CBC(256)
 SHA1
```

```
    CAMELLIA128-SHA               0x00, 0x41       RSA           RSA      Camellia-CBC(128)
 SHA1
    CAMELLIA256-SHA               0x00, 0x84       RSA           RSA      Camellia-CBC(256)
 SHA1
    RSA-AES128-SHA256             0x00, 0x3C       RSA           RSA      AES-CBC(128)
 SHA256
    RSA-AES256-SHA256             0x00, 0x3D       RSA           RSA      AES-CBC(256)
 SHA256

The fields above are :

  {Tenable ciphername}
  {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/631/www

```
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
    ----------------------        ----------        ---           ----     ---------------------   ---
    AES128-SHA                    0x00, 0x2F        RSA           RSA      AES-CBC(128)
 SHA1
    AES256-SHA                    0x00, 0x35        RSA           RSA      AES-CBC(256)
 SHA1
    CAMELLIA128-SHA               0x00, 0x41        RSA           RSA      Camellia-CBC(128)
 SHA1
    CAMELLIA256-SHA               0x00, 0x84        RSA           RSA      Camellia-CBC(256)
 SHA1
```

```
    RSA-AES128-SHA256             0x00, 0x3C       RSA           RSA      AES-CBC(128)
 SHA256
    RSA-AES256-SHA256             0x00, 0x3D       RSA           RSA      AES-CBC(256)
 SHA256


SSL Version : TLSv11
  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
    ----------------------        ----------       ---           ----     ---------------------  ---
    AES128-SHA                    0x00, 0x2F       RSA [...]
```

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 recommened cipher suites.

Risk Factor

None

Plugin Information

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

Plugin Output

tcp/631/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                  0x00, 0x0A        RSA           RSA      3DES-CBC(168)
 SHA1

  High Strength Ciphers (>= 112-bit key)

    Name                          Code              KEX           Auth     Encryption              MAC
    ----------------------        ----------        ---           ----     ---------------------   ---
    AES128-SHA                    0x00, 0x2F        RSA           RSA      AES-CBC(128)
 SHA1
    AES256-SHA                    0x00, 0x35        RSA           RSA      AES-CBC(256)
 SHA1
    CAMELLIA128-SHA               0x00, 0x41        RSA           RSA      Camellia-CBC(128)
 SHA1
    CAMELLIA256-SHA               0x00, 0x84        RSA           RSA      Camellia-CBC(256)
 SHA1
    RSA-AES128-SHA256             0x00, 0x3C        RSA           RSA      AES-CBC(128)
 SHA256
    RSA-AES256-SHA256             0x00, 0x3D        RSA           RSA      AES-CBC(256)
 SHA256

The fields above are :

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

25240 - Samba Server Detection

Synopsis

An SMB server is running on the remote host.

Description

The remote host is running Samba, a CIFS/SMB server for Linux and Unix.

See Also

https://www.samba.org/

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2007/05/16, Modified: 2022/10/12

Plugin Output

tcp/445/cifs

```
The remote host tries to hide its SMB server type by changing the MAC
address and the LAN manager name.

However by sending several valid and invalid RPC requests it was
possible to fingerprint the remote SMB server as Samba.
```

104887 - Samba Version

Synopsis

It was possible to obtain the samba version from the remote operating system.

Description

Nessus was able to obtain the samba version from the remote operating by sending an authentication request to port 139 or 445. Note that this plugin requires SMB1 to be enabled on the host.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2017/11/30, Modified: 2019/11/22

Plugin Output

tcp/445/cifs

```
The remote Samba Version is : Samba 4.3.11-Ubuntu
```

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/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.
```

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/631/www

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

tcp/631/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/3306/mysql

```
A MySQL 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

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/631/www

```
TLSv1.1 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

```
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 192.168.1.15 to 192.168.1.8 :
192.168.1.15
192.168.1.8

Hop Count: 1
```

20094 - VMware Virtual Machine Detection

Synopsis

The remote host is a VMware virtual machine.

Description

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

Solution

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

Risk Factor

None

Plugin Information

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

Plugin Output

tcp/0

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

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 vunerabilities 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.
```

10150 - Windows NetBIOS / SMB Remote Host Information Disclosure

Synopsis

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

Description

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

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

Solution

n/a

Risk Factor

None

Plugin Information

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

Plugin Output

tcp/445/cifs

```
The following 2 NetBIOS names have been gathered :

 METASPLOITABLE3-UB1404 = Computer name
 METASPLOITABLE3-UB1404 = Workgroup / Domain name
```