Logan

Report generated by Nessus™ Sat, 21 May 2022 05:14:44 UTC

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Vulnerabilities by Host

Vulnerabilities by Host

logan.myvnc.com

0	0	3	0	60
CRITICAL	HIGH	MEDIUM	LOW	INFO

Scan Information

Start time: Sat May 21 04:50:11 2022
End time: Sat May 21 05:14:44 2022

Host Information

DNS Name: logan.myvnc.com
IP: 34.132.195.2
OS: Linux Kernel 2.6

Vulnerabilities

51192 - SSL Certificate Cannot Be Trusted

Synopsis

The SSL certificate for this service cannot be trusted.

Description

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

- First, the top of the certificate chain sent by the server might not be descended from a known public certificate authority. This can occur either when the top of the chain is an unrecognized, self-signed certificate, or when intermediate certificates are missing that would connect the top of the certificate chain to a known public certificate authority.

- Second, the certificate chain may contain a certificate that is not valid at the time of the scan. This can occur either when the scan occurs before one of the certificate's 'notBefore' dates, or after one of the certificate's 'notAfter' dates.

- Third, the certificate chain may contain a signature that either didn't match the certificate's information or could not be verified. Bad signatures can be fixed by getting the certificate with the bad signature to be re-signed by its issuer. Signatures that could not be verified are the result of the certificate's issuer using a signing algorithm that Nessus either does not support or does not recognize.

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

See Also

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

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

Solution

Purchase or generate a proper SSL certificate for this service.

Risk Factor

Medium

CVSS v3.0 Base Score

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

CVSS v2.0 Base Score

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

Plugin Information

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

Plugin Output

tcp/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 : C=US/O=Internet Security Research Group/CN=ISRG Root X1
|-Issuer  : O=Digital Signature Trust Co./CN=DST Root CA X3
```

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)

Plugin Information

Published: 2017/11/22, Modified: 2020/03/31

Plugin Output

tcp/443/www

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

157288 - TLS Version 1.1 Protocol Deprecated

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)

Plugin Information

Published: 2022/04/04, Modified: 2022/04/11

Plugin Output

tcp/443/www

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

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: 2022/05/02

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:igor_sysoev:nginx:1.18.0 -> Nginx
  cpe:/a:mysql:mysql:8.0.29 -> MySQL MySQL
  cpe:/a:nginx:nginx:1.18.0 -> Nginx
  cpe:/a:openbsd:openssh:8.4 -> 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: 2011/05/23

Plugin Output

tcp/0

```
Remote device type : general-purpose
Confidence level : 65
```

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 tests of each method :

  - HTTP methods ACL BASELINE-CONTROL BCOPY BDELETE BMOVE BPROPFIND
    BPROPPATCH CHECKIN CHECKOUT CONNECT COPY DEBUG DELETE GET HEAD
    INDEX LABEL LOCK MERGE MKACTIVITY MKCOL MKWORKSPACE MOVE NOTIFY
    OPTIONS ORDERPATCH PATCH POLL POST PROPFIND PROPPATCH PUT REPORT
    RPC_IN_DATA RPC_OUT_DATA SEARCH SUBSCRIBE UNCHECKOUT UNLOCK
    UNSUBSCRIBE UPDATE VERSION-CONTROL X-MS-ENUMATTS are allowed on :

    /

  - Invalid/unknown HTTP methods are allowed on :

    /
```

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Solution

n/a

Risk Factor

None

Plugin Information

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

Plugin Output

tcp/443/www

```
Based on tests of each method :

  - HTTP methods GET HEAD are allowed on :

    /
    /static
    /static/css
```

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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/3000/www

```
Based on tests of each method :

  - HTTP methods ACL CHECKOUT COPY DELETE GET HEAD LOCK MERGE
    MKACTIVITY MKCOL MOVE NOTIFY OPTIONS PATCH POST PROPFIND
    PROPPATCH PUT REPORT SEARCH SUBSCRIBE TRACE UNLOCK UNSUBSCRIBE
    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:

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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'

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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/3002/www

```
Based on tests of each method :

  - HTTP methods ACL CHECKOUT COPY DELETE GET HEAD LOCK MERGE
    MKACTIVITY MKCOL MOVE NOTIFY OPTIONS PATCH POST PROPFIND
    PROPPATCH PUT REPORT SEARCH SUBSCRIBE TRACE UNLOCK UNSUBSCRIBE
    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 :

nginx/1.18.0
```

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 :

nginx/1.18.0
```

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

```
34.132.195.2 resolves as 2.195.132.34.bc.googleusercontent.com.
```

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 and HTTP pipelining are 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: 2019/11/22

Plugin Output

tcp/80/www

```
Response Code : HTTP/1.1 301 Moved Permanently

Protocol version : HTTP/1.1
SSL : no
Keep-Alive : no
Options allowed : (Not implemented)
Headers :

  Server: nginx/1.18.0
  Date: Sat, 21 May 2022 05:00:35 GMT
  Content-Type: text/html
  Content-Length: 169
  Connection: keep-alive
  Location: https://logan.myvnc.com/

Response Body :

<html>
<head><title>301 Moved Permanently</title></head>
<body>
<center><h1>301 Moved Permanently</h1></center>
<hr><center>nginx/1.18.0</center>
</body>
</html>
```

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Description

This test gives some information about the remote HTTP protocol - the version used, whether HTTP Keep-Alive and HTTP pipelining are 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: 2019/11/22

Plugin Output

tcp/443/www

```
Response Code : HTTP/1.1 200 OK

Protocol version : HTTP/1.1
SSL : yes
Keep-Alive : no
Options allowed : (Not implemented)
Headers :

  Server: nginx/1.18.0
  Date: Sat, 21 May 2022 05:00:35 GMT
  Content-Type: text/html
  Content-Length: 553
  Last-Modified: Sun, 15 May 2022 22:21:07 GMT
  Connection: keep-alive
  ETag: "62817cd3-229"
  Strict-Transport-Security: max-age=63072000; includeSubdomains
  Accept-Ranges: bytes

Response Body :

<!doctype html><html lang="pt-BR"><head><meta charset="utf-8"/><link rel="icon" href="/favicon.ico"/
><meta name="viewport" content="width=device-width,initial-scale=1"/><meta name="theme-color"
 content="#000000"/><meta name="description" content="Web site created using create-react-app"/
><title>React App</title><script defer="defer" src="/static/js/main.6ec085a6.js"></script><link
 href="/static/css/main.83216d16.css" rel="stylesheet"></head><body><noscript>You need to enable
 JavaScript to run this app.</noscript><div id="root"></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 and HTTP pipelining are 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: 2019/11/22

Plugin Output

tcp/3000/www

```
Response Code : HTTP/1.1 200 OK

Protocol version : HTTP/1.1
SSL : no
Keep-Alive : yes
Options allowed : (Not implemented)
Headers :

  Access-Control-Allow-Origin: *
  Content-Security-Policy: default-src 'self';base-uri 'self';block-all-mixed-content;font-src
 'self' https: data:;form-action 'self';frame-ancestors 'self';img-src 'self' data:;object-src
 'none';script-src 'self';script-src-attr 'none';style-src 'self' https: 'unsafe-inline';upgrade-
insecure-requests
  Cross-Origin-Embedder-Policy: require-corp
  Cross-Origin-Opener-Policy: same-origin
  Cross-Origin-Resource-Policy: same-origin
  X-DNS-Prefetch-Control: off
  Expect-CT: max-age=0
  X-Frame-Options: SAMEORIGIN
  Strict-Transport-Security: max-age=15552000; includeSubDomains
  X-Download-Options: noopen
  X-Content-Type-Options: nosniff
  Origin-Agent-Cluster: ?1
  X-Permitted-Cross-Domain-Policies: none
  Referrer-Policy: no-referrer
  X-XSS-Protection: 0
  Content-Type: text/html; charset=utf-8
```

```
  Content-Length: 4
  ETag: W/"4-dzGWL7GeCf/yLBvkarxLAun/eOs"
  Date: Sat, 21 May 2022 05:00:36 GMT
  Connection: keep-alive
  Keep-Alive: timeout=5

Response Body :

HOME
```

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 and HTTP pipelining are 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: 2019/11/22

Plugin Output

tcp/3002/www

```
Response Code : HTTP/1.1 500 Internal Server Error

Protocol version : HTTP/1.1
SSL : no
Keep-Alive : yes
Options allowed : (Not implemented)
Headers :

  X-Powered-By: Express
  Content-Security-Policy: default-src 'none'
  X-Content-Type-Options: nosniff
  Content-Type: text/html; charset=utf-8
  Content-Length: 161
  Date: Sat, 21 May 2022 05:00:36 GMT
  Connection: keep-alive
  Keep-Alive: timeout=5

Response Body :

<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>Error</title>
</head>
<body>
<pre>Domain not allowed, not authorized</pre>
```

```
</body>
</html>
```

91634 - HyperText Transfer Protocol (HTTP) Redirect Information

Synopsis

The remote web server redirects requests to the root directory.

Description

The remote web server issues an HTTP redirect when requesting the root directory of the web server.

This plugin is informational only and does not denote a security problem.

Solution

Analyze the redirect(s) to verify that this is valid operation for your web server and/or application.

Risk Factor

None

Plugin Information

Published: 2016/06/16, Modified: 2017/10/12

Plugin Output

tcp/80/www

```
  Request         : http://logan.myvnc.com/
  HTTP response   : HTTP/1.1 301 Moved Permanently
  Redirect to     : https://logan.myvnc.com/
  Redirect type   : 30x redirect


Note that Nessus did not receive a 200 OK response from the
last examined redirect.
```

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

None

CVSS v3.0 Base Score

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

CVSS v2.0 Base Score

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

References

CVE	CVE-1999-0524
XREF	CWE:200

Plugin Information

Published: 1999/08/01, Modified: 2019/10/04

Plugin Output

icmp/0

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

50344 - Missing or Permissive Content-Security-Policy frame-ancestors HTTP Response Header

Synopsis

The remote web server does not take steps to mitigate a class of web application vulnerabilities.

Description

The remote web server in some responses sets a permissive Content-Security-Policy (CSP) frame-ancestors response header or does not set one at all.

The CSP frame-ancestors header has been proposed by the W3C Web Application Security Working Group as a way to mitigate cross-site scripting and clickjacking attacks.

See Also

http://www.nessus.org/u?55aa8f57

http://www.nessus.org/u?07cc2a06

https://content-security-policy.com/

https://www.w3.org/TR/CSP2/

Solution

Set a non-permissive Content-Security-Policy frame-ancestors header for all requested resources.

Risk Factor

None

Plugin Information

Published: 2010/10/26, Modified: 2021/01/19

Plugin Output

tcp/443/www

```
The following pages do not set a Content-Security-Policy frame-ancestors response header or set a
 permissive policy:

  - https://logan.myvnc.com/
  - https://logan.myvnc.com/static
  - https://logan.myvnc.com/static/css
```

50345 - Missing or Permissive X-Frame-Options HTTP Response Header

Synopsis

The remote web server does not take steps to mitigate a class of web application vulnerabilities.

Description

The remote web server in some responses sets a permissive X-Frame-Options response header or does not set one at all.

The X-Frame-Options header has been proposed by Microsoft as a way to mitigate clickjacking attacks and is currently supported by all major browser vendors

See Also

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

http://www.nessus.org/u?399b1f56

Solution

Set a properly configured X-Frame-Options header for all requested resources.

Risk Factor

None

Plugin Information

Published: 2010/10/26, Modified: 2021/01/19

Plugin Output

tcp/443/www

```
The following pages do not set a X-Frame-Options response header or set a permissive policy:

  - https://logan.myvnc.com/
  - https://logan.myvnc.com/static
  - https://logan.myvnc.com/static/css
```

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: 2022/05/03

Plugin Output

tcp/3306/mysql

```
Version  : 8.0.29
Protocol : 10
Server Status : SERVER_STATUS_AUTOCOMMIT
Server Capabilities :
  CLIENT_LONG_PASSWORD (new more secure passwords)
  CLIENT_FOUND_ROWS (Found instead of affected rows)
  CLIENT_LONG_FLAG (Get all column flags)
  CLIENT_CONNECT_WITH_DB (One can specify db on connect)
  CLIENT_NO_SCHEMA (Don't allow database.table.column)
  CLIENT_COMPRESS (Can use compression protocol)
  CLIENT_ODBC (ODBC client)
  CLIENT_LOCAL_FILES (Can use LOAD DATA LOCAL)
  CLIENT_IGNORE_SPACE (Ignore spaces before "(")
  CLIENT_PROTOCOL_41 (New 4.1 protocol)
  CLIENT_INTERACTIVE (This is an interactive client)
  CLIENT_SSL (Switch to SSL after handshake)
  CLIENT_SIGPIPE (IGNORE sigpipes)
  CLIENT_TRANSACTIONS (Client knows about transactions)
  CLIENT_RESERVED (Old flag for 4.1 protocol)
  CLIENT_SECURE_CONNECTION (New 4.1 authentication)
```

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: 2022/02/14

Plugin Output

tcp/22/ssh

```
Port 22/tcp was found to be open
```

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Description

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Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

Published: 2009/02/04, Modified: 2022/02/14

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: 2022/02/14

Plugin Output

tcp/443/www

```
Port 443/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: 2022/02/14

Plugin Output

tcp/3000/www

```
Port 3000/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: 2022/02/14

Plugin Output

tcp/3002/www

```
Port 3002/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: 2022/02/14

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: 2022/04/12

Plugin Output

tcp/0

```
Information about this scan :

Nessus version : 10.1.2
Nessus build : 20068
Plugin feed version : 202205210146
Scanner edition used : Nessus Home
Scanner OS : LINUX
Scanner distribution : ubuntu1110-x86-64
Scan type : Normal
Scan name : Logan
```

```
Scan policy used : Advanced Scan
Scanner IP : 10.0.0.6
Port scanner(s) : nessus_syn_scanner
Port range : default
Ping RTT : 66.758 ms
Thorough tests : no
Experimental tests : no
Paranoia level : 1
Report verbosity : 1
Safe checks : yes
Optimize the test : yes
Credentialed checks : no
Patch management checks : None
Display superseded patches : yes (supersedence plugin launched)
CGI scanning : enabled
Web application tests : enabled
Web app tests -  Test mode : some_pairs
Web app tests -  Try all HTTP methods : yes
Web app tests -  Maximum run time : 5 minutes.
Web app tests -  Stop at first flaw : CGI
Max hosts : 100
Max checks : 5
Recv timeout : 5
Backports : None
Allow post-scan editing: Yes
Scan Start Date : 2022/5/21 4:50 UTC
Scan duration : 1464 sec
```

42823 - Non-compliant Strict Transport Security (STS)

Synopsis

The remote web server implements Strict Transport Security incorrectly.

Description

The remote web server implements Strict Transport Security. However, it does not respect all the requirements of the STS draft standard.

See Also

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

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2009/11/16, Modified: 2014/09/19

Plugin Output

tcp/3000/www

```
The Strict-Transport-Security header must not be sent over an
unencrypted channel.
```

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: 2022/03/09

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.
```

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
  curve25519-sha256@libssh.org
  diffie-hellman-group-exchange-sha256
  diffie-hellman-group14-sha256
  diffie-hellman-group16-sha512
  diffie-hellman-group18-sha512
  ecdh-sha2-nistp256
  ecdh-sha2-nistp384
  ecdh-sha2-nistp521

The server supports the following options for server_host_key_algorithms :

  ecdsa-sha2-nistp256
  rsa-sha2-256
  rsa-sha2-512
  ssh-ed25519
  ssh-rsa

The server supports the following options for encryption_algorithms_client_to_server :

  aes128-ctr
  aes128-gcm@openssh.com
  aes192-ctr
  aes256-ctr
  aes256-gcm@openssh.com
```

```
  chacha20-poly1305@openssh.com

The server supports the following options for encryption_algorithms_server_to_client :

  aes128-ctr
  aes128-gcm@openssh.com
  aes192-ctr
  aes256-ctr
  aes256-gcm@openssh.com
  chacha20-poly1305@openssh.com

The server supports the following options for mac_algorithms_client_to_server :

  hmac-sha1
  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-sha1
  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 compression_algorithms_client_to_server :

  none
  zlib@openssh.com

The server supports the following options for compression_algorithms_server_to_client :

  none
  zlib@openssh.com
```

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: 2021/01/19

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-etm@openssh.com

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

  hmac-sha1
  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: 2020/09/22

Plugin Output

tcp/22/ssh

```
SSH version : SSH-2.0-OpenSSH_8.4p1 Debian-5
SSH supported authentication : publickey
```

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: 2021/02/03

Plugin Output

tcp/443/www

```
This port supports TLSv1.3/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: logan.myvnc.com

Issuer Name:

Country: US
Organization: Let's Encrypt
Common Name: R3

Serial Number: 04 78 B2 37 63 1B EA 30 3F C4 55 29 E3 05 ED AA 32 51

Version: 3

Signature Algorithm: SHA-256 With RSA Encryption

Not Valid Before: May 14 01:49:18 2022 GMT
Not Valid After: Aug 12 01:49:17 2022 GMT

Public Key Info:

Algorithm: RSA Encryption
Key Length: 2048 bits
Public Key: 00 E9 C4 EC CF 7F 1C C3 70 14 5F 13 E6 61 AF E9 3F 31 AC FB
            1B 1A E0 73 90 15 2E 1C F5 8A 14 77 48 52 C4 08 1E 34 A7 27
            5A CA 14 30 BA 77 5D 4D 83 48 CE F4 54 FE DC 50 50 94 A2 6F
            CE F8 00 E4 8A 21 DB BC C7 37 BE B7 21 CF 10 7C CD 0A D0 A3
            D9 C1 24 6F 24 4D 43 5E 78 17 5D 0A 93 05 59 FE 2C 91 C3 18
            78 44 3E 40 13 55 03 F2 3F 85 F2 A6 81 12 5A 9D 1C F1 70 30
            D5 07 36 EE C9 F4 C2 1B 6E BB 40 B7 96 F8 39 BE 78 2C B8 87
            87 5D FA 94 E0 9C 47 93 F5 77 26 55 44 50 16 C5 9D F7 73 D2
            E4 7D 42 90 1C 13 51 FA 71 10 7F 87 AB 83 5A 9C FF C0 0B 7A
```

```
            E0 DB 44 F8 2A FA C3 08 A2 69 22 8B 66 47 21 00 D0 06 06 8A
            93 03 A4 B6 D4 78 A4 80 F6 0E 56 CD 24 4C 2A A8 DC D2 33 DB
            9D B1 3F 8A F7 8D 85 B2 78 01 56 15 D7 2A B3 4B AB 82 15 1D
            70 33 CC D5 EF 8D 56 2F BF 80 1A 40 93 7B 27 44 C9
Exponent: 01 00 01

Signature Length: 256 bytes / 2048 bits
Signature: 00 24 48 ED 5D 01 E4 64 9A A5 12 DD F2 24 61 06 F1 A1 FE 15
           E9 2C CF 8B A6 CD 9D 68 3E 41 FC 99 F6 EA F9 11 50 10 15 14
           55 BE 81 1F 13 FB D6 2B AC 15 C2 6D 0F 82 8E B4 A0 CA 9A 6D
           0A FE 80 E8 72 4B CD 6D E0 38 EA 2A 81 00 C7 D1 3E 78 F1 D3
           47 89 0D 45 CC 56 94 54 E6 CF C9 8E 89 F8 9F 39 13 3F AF 9D
           80 24 95 E8 57 EB 3C 19 A9 41 01 2C A4 25 B2 14 D2 5C 7B FB
           AC B2 75 5D AF F8 81 71 29 35 4A C7 C2 53 1F 2E EA 13 CE 53
           D3 83 98 0B 28 02 4C 8D 16 EC 31 C8 C6 F5 EC D6 6B 4C DB 77
           64 EF A9 15 64 75 6A 33 FD B0 85 57 E8 3B 1F 57 E8 BB F5  [...]
```

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 :

  High Strength Ciphers (>= 112-bit key)

    Name                          Code              KEX           Auth     Encryption             MAC
    ----------------------        ----------        ---           ----     ---------------------  ---
    ECDHE-RSA-AES128-SHA          0xC0, 0x13        ECDH          RSA      AES-CBC(128)
 SHA1
    ECDHE-RSA-AES256-SHA          0xC0, 0x14        ECDH          RSA      AES-CBC(256)
 SHA1
    ECDHE-RSA-AES128-SHA256       0xC0, 0x27        ECDH          RSA      AES-CBC(128)
 SHA256
    ECDHE-RSA-AES256-SHA384       0xC0, 0x28        ECDH          RSA      AES-CBC(256)
 SHA384

The fields above are :
```

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

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/man1.1.0/apps/ciphers.html

http://www.nessus.org/u?3a040ada

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2006/06/05, Modified: 2021/03/09

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
    TLS_CHACHA20_POLY1305_SHA256  0x13, 0x03       -             -        ChaCha20-Poly1305(256)
 AEAD


SSL Version : TLSv12
  High Strength Ciphers (>= 112-bit key)

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

```
    ECDHE-RSA-AES256-SHA384       0xC0, 0x30       ECDH          RSA      AES-GCM(256)
 SHA384
    ECDHE-RSA-AES128-SHA          0xC0, 0x13       ECDH          RSA      AES-CBC(128)
 SHA1
    ECDHE-RSA-AES256-SHA          0xC0, 0x14       ECDH          RSA      AES-CBC(256)
 SHA1
    ECDHE-RSA-AES128-SHA256       0xC0, 0x27       ECDH          RSA      AES-CBC(128)
 SHA256
    ECDHE-RSA-AES256-SHA384       0xC0, 0x28       ECDH          RSA      AES-CBC(256)
 SHA384


SSL Version : TLSv11
  High Strength Ciphers (>= 112-bit key)

    Name                          Code             KEX           Auth     Encryption             MAC
    ----------------------        ----------       ---           ----     --------------------   ---
    ECDHE-RSA-AES128-SHA          0xC0, 0x13       ECDH          RSA      AES-CBC(128)
 SHA1
    ECDHE-RSA-AES256-SHA          0xC0, 0x14       ECDH          RSA      AES-CBC(256)
 SHA1


SSL Version [...]
```

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
    ---------------------        ----------       ---          ----     ---------------------  ---
    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         0xC0, 0x14       ECDH         RSA      AES-CBC(256)
 SHA1
    ECDHE-RSA-AES128-SHA256      0xC0, 0x27       ECDH         RSA      AES-CBC(128)
 SHA256
```

```
    ECDHE-RSA-AES256-SHA384       0xC0, 0x28       ECDH          RSA      AES-CBC(256)
 SHA384

The fields above are :

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

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 TLS_AES_128_GCM_SHA256
- 0x13,0x02 TLS_AES_256_GCM_SHA384
- 0x13,0x03 TLS_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
- 0x00,0x9E DHE-RSA-AES128-GCM-SHA256
- 0x00,0x9F DHE-RSA-AES256-GCM-SHA384

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: 2022/04/06

Plugin Output

tcp/443/www

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


  High Strength Ciphers (>= 112-bit key)

    Name                          Code              KEX           Auth     Encryption              MAC
    ----------------------        ----------        ---           ----     --------------------    ---
    ECDHE-RSA-AES128-SHA          0xC0, 0x13        ECDH          RSA      AES-CBC(128)
 SHA1
    ECDHE-RSA-AES256-SHA          0xC0, 0x14        ECDH          RSA      AES-CBC(256)
 SHA1
    ECDHE-RSA-AES128-SHA256       0xC0, 0x27        ECDH          RSA      AES-CBC(128)
 SHA256
    ECDHE-RSA-AES256-SHA384       0xC0, 0x28        ECDH          RSA      AES-CBC(256)
 SHA384

The fields above are :

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

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: 2021/04/14

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: 2021/04/14

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: 2021/04/14

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: 2021/04/14

Plugin Output

tcp/3000/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: 2021/04/14

Plugin Output

tcp/3002/www

```
A web server is 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: 2018/11/26

Plugin Output

tcp/3306/mysql

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

42822 - Strict Transport Security (STS) Detection

Synopsis

The remote web server implements Strict Transport Security.

Description

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

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

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

See Also

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

Solution

n/a

Risk Factor

None

Plugin Information

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

Plugin Output

tcp/443/www

```
The STS header line is :

Strict-Transport-Security: max-age=63072000; includeSubdomains
```

42822 - Strict Transport Security (STS) Detection

Synopsis

The remote web server implements Strict Transport Security.

Description

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

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

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

See Also

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

Solution

n/a

Risk Factor

None

Plugin Information

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

Plugin Output

tcp/3000/www

```
The STS header line is :

Strict-Transport-Security: max-age=15552000; includeSubDomains
```

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: 2019/03/06

Plugin Output

tcp/0

62564 - TLS Next Protocols Supported

Synopsis

The remote service advertises one or more protocols as being supported over TLS.

Description

This script detects which protocols are advertised by the remote service to be encapsulated by TLS connections.

Note that Nessus did not attempt to negotiate TLS sessions with the protocols shown. The remote service may be falsely advertising these protocols and / or failing to advertise other supported protocols.

See Also

https://tools.ietf.org/html/draft-agl-tls-nextprotoneg-04

https://technotes.googlecode.com/git/nextprotoneg.html

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2012/10/16, Modified: 2022/04/11

Plugin Output

tcp/443/www

```
The target advertises that the following protocols are
supported over SSL / TLS:

  h2
  http/1.1
```

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

Plugin Information

Published: 2019/01/08, Modified: 2020/08/07

Plugin Output

tcp/443/www

```
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.
```

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: 2020/07/09

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: 2021/11/19

Plugin Output

tcp/0

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

91815 - Web Application Sitemap

Synopsis

The remote web server hosts linkable content that can be crawled by Nessus.

Description

The remote web server contains linkable content that can be used to gather information about a target.

See Also

http://www.nessus.org/u?5496c8d9

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2016/06/24, Modified: 2016/06/24

Plugin Output

tcp/443/www

```
The following sitemap was created from crawling linkable content on the target host :

  - https://logan.myvnc.com/
  - https://logan.myvnc.com/favicon.ico
  - https://logan.myvnc.com/static
  - https://logan.myvnc.com/static/css
  - https://logan.myvnc.com/static/css/main.83216d16.css

Attached is a copy of the sitemap file.
```

91815 - Web Application Sitemap

Synopsis

The remote web server hosts linkable content that can be crawled by Nessus.

Description

The remote web server contains linkable content that can be used to gather information about a target.

See Also

http://www.nessus.org/u?5496c8d9

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2016/06/24, Modified: 2016/06/24

Plugin Output

tcp/3000/www

```
The following sitemap was created from crawling linkable content on the target host :

  - http://logan.myvnc.com:3000/

Attached is a copy of the sitemap file.
```

10386 - Web Server No 404 Error Code Check

Synopsis

The remote web server does not return 404 error codes.

Description

The remote web server is configured such that it does not return '404 Not Found' error codes when a nonexistent file is requested, perhaps returning instead a site map, search page or authentication page.

Nessus has enabled some counter measures for this. However, they might be insufficient. If a great number of security holes are produced for this port, they might not all be accurate.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2000/04/28, Modified: 2020/06/12

Plugin Output

tcp/80/www

```
CGI scanning will be disabled for this host because the host responds
to requests for non-existent URLs with HTTP code 301
rather than 404. The requested URL was :

    http://logan.myvnc.com/iKS3BhqGpKvA.html
```

10386 - Web Server No 404 Error Code Check

Synopsis

The remote web server does not return 404 error codes.

Description

The remote web server is configured such that it does not return '404 Not Found' error codes when a nonexistent file is requested, perhaps returning instead a site map, search page or authentication page.

Nessus has enabled some counter measures for this. However, they might be insufficient. If a great number of security holes are produced for this port, they might not all be accurate.

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2000/04/28, Modified: 2020/06/12

Plugin Output

tcp/443/www

```
The following title tag will be used :
React App
```

10302 - Web Server robots.txt Information Disclosure

Synopsis

The remote web server contains a 'robots.txt' file.

Description

The remote host contains a file named 'robots.txt' that is intended to prevent web 'robots' from visiting certain directories in a website for maintenance or indexing purposes. A malicious user may also be able to use the contents of this file to learn of sensitive documents or directories on the affected site and either retrieve them directly or target them for other attacks.

See Also

http://www.robotstxt.org/orig.html

Solution

Review the contents of the site's robots.txt file, use Robots META tags instead of entries in the robots.txt file, and/or adjust the web server's access controls to limit access to sensitive material.

Risk Factor

None

Plugin Information

Published: 1999/10/12, Modified: 2018/11/15

Plugin Output

tcp/443/www

```
Contents of robots.txt :

User-agent: *
Disallow: /admin/
Allow: /nimda/
```

106375 - nginx HTTP Server Detection

Synopsis

The nginx HTTP server was detected on the remote host.

Description

Nessus was able to detect the nginx HTTP server by looking at the HTTP banner on the remote host.

See Also

https://nginx.org/

Solution

n/a

Risk Factor

None

References

XREF IAVT:0001-T-0677

Plugin Information

Published: 2018/01/26, Modified: 2021/04/07

Plugin Output

tcp/80/www

```
URL     : http://logan.myvnc.com/
Version : 1.18.0
source  : Server: nginx/1.18.0
```

106375 - nginx HTTP Server Detection

Synopsis

The nginx HTTP server was detected on the remote host.

Description

Nessus was able to detect the nginx HTTP server by looking at the HTTP banner on the remote host.

See Also

https://nginx.org/

Solution

n/a

Risk Factor

None

References

XREF IAVT:0001-T-0677

Plugin Information

Published: 2018/01/26, Modified: 2021/04/07

Plugin Output

tcp/443/www

```
URL     : https://logan.myvnc.com/
Version : 1.18.0
source  : Server: nginx/1.18.0
```