



reto 6

Report generated by Nessus™

Mon, 15 Jul 2024 06:52:59 CEST

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Nessus Essentials

Vulnerabilities by Host

10.0.2.15



Scan Information

Start time: Mon Jul 15 06:51:19 2024
End time: Mon Jul 15 06:52:59 2024

Host Information

IP: 10.0.2.15
MAC Address: 08:00:27:24:46:64
OS: Linux Kernel 2.6

Vulnerabilities

201198 - Apache 2.4.x < 2.4.60 Multiple Vulnerabilities

Synopsis

The remote web server is affected by multiple vulnerabilities.

Description

The version of Apache httpd installed on the remote host is prior to 2.4.60. It is, therefore, affected by multiple vulnerabilities as referenced in the 2.4.60 advisory.

- Serving WebSocket protocol upgrades over a HTTP/2 connection could result in a Null Pointer dereference, leading to a crash of the server process, degrading performance. (CVE-2024-36387)
- SSRF in Apache HTTP Server on Windows allows to potentially leak NTLM hashes to a malicious server via SSRF and malicious requests or content Users are recommended to upgrade to version 2.4.60 which fixes this issue. Note: Existing configurations that access UNC paths will have to configure new directive UNCList to allow access during request processing. (CVE-2024-38472)
- Encoding problem in mod_proxy in Apache HTTP Server 2.4.59 and earlier allows request URLs with incorrect encoding to be sent to backend services, potentially bypassing authentication via crafted requests. Users are recommended to upgrade to version 2.4.60, which fixes this issue. (CVE-2024-38473)
- Substitution encoding issue in mod_rewrite in Apache HTTP Server 2.4.59 and earlier allows attacker to execute scripts in directories permitted by the configuration but not directly reachable by any URL or source disclosure of scripts meant to only to be executed as CGI. Users are recommended to upgrade to version 2.4.60, which fixes this issue. Some RewriteRules that capture and substitute unsafely will now fail unless rewrite flag UnsafeAllow3F is specified. (CVE-2024-38474)

- Improper escaping of output in mod_rewrite in Apache HTTP Server 2.4.59 and earlier allows an attacker to map URLs to filesystem locations that are permitted to be served by the server but are not intentionally/ directly reachable by any URL, resulting in code execution or source code disclosure.

Substitutions in server context that use a backreferences or variables as the first segment of the substitution are affected. Some unsafe RewriteRules will be broken by this change and the rewrite flag UnsafePrefixStat can be used to opt back in once ensuring the substitution is appropriately constrained.

(CVE-2024-38475)

- Vulnerability in core of Apache HTTP Server 2.4.59 and earlier are vulnerably to information disclosure, SSRF or local script execution via backend applications whose response headers are malicious or exploitable. Users are recommended to upgrade to version 2.4.60, which fixes this issue. (CVE-2024-38476)

- null pointer dereference in mod_proxy in Apache HTTP Server 2.4.59 and earlier allows an attacker to crash the server via a malicious request. Users are recommended to upgrade to version 2.4.60, which fixes this issue. (CVE-2024-38477)

- Potential SSRF in mod_rewrite in Apache HTTP Server 2.4.59 and earlier allows an attacker to cause unsafe RewriteRules to unexpectedly setup URL's to be handled by mod_proxy. Users are recommended to upgrade to version 2.4.60, which fixes this issue. (CVE-2024-39573)

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

Solution

Upgrade to Apache version 2.4.60 or later.

Risk Factor

Medium

CVSS v3.0 Base Score

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

CVSS v3.0 Temporal Score

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

VPR Score

6.0

CVSS v2.0 Base Score

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

CVSS v2.0 Temporal Score

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

STIG Severity

I

References

CVE	CVE-2024-36387
CVE	CVE-2024-38472
CVE	CVE-2024-38473
CVE	CVE-2024-38474
CVE	CVE-2024-38475
CVE	CVE-2024-38476
CVE	CVE-2024-38477
CVE	CVE-2024-39573
XREF	IAVA:2024-A-0378

Plugin Information

Published: 2024/07/01, Modified: 2024/07/12

Plugin Output

tcp/80/www

```
URL           : http://10.0.2.15/
Installed version : 2.4.59
Fixed version  : 2.4.60
```

Synopsis

The remote web server is affected by a vulnerability.

Description

The version of Apache httpd installed on the remote host is prior to 2.4.61. It is, therefore, affected by a vulnerability as referenced in the 2.4.61 advisory.

- Apache HTTP Server: source code disclosure with handlers configured via AddType: A regression in the core of Apache HTTP Server 2.4.60 ignores some use of the legacy content-type based configuration of handlers.

AddType and similar configuration, under some circumstances where files are requested indirectly, result in source code disclosure of local content. For example, PHP scripts may be served instead of interpreted.

Users are recommended to upgrade to version 2.4.61, which fixes this issue. (CVE-2024-39884)

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

Solution

Upgrade to Apache version 2.4.61 or later.

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)

CVSS v3.0 Temporal Score

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

VPR Score

6.1

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

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

STIG Severity

I

References

CVE	CVE-2024-39884
XREF	IAVA:2024-A-0378

Plugin Information

Published: 2024/07/03, Modified: 2024/07/12

Plugin Output

tcp/80/www

```
URL          : http://10.0.2.15/
Installed version : 2.4.59
Fixed version  : 2.4.61
```


10114 - ICMP Timestamp Request Remote Date Disclosure

Synopsis

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

Description

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

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

Solution

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

Risk Factor

Low

VPR Score

4.2

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: 2024/05/03

Plugin Output

icmp/0

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

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://10.0.2.15/
Version  : 2.4.59
Source   : Server: Apache/2.4.59 (Debian)
backported : 0
os       : Debian
```

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.
```

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: 2024/06/24

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:apache:http_server:2.4.59 -> Apache Software Foundation Apache HTTP Server
```

```
cpe:/a:mysql:mysql -> MySQL MySQL
```

```
cpe:/a:openbsd:openssh:9.2 -> OpenBSD OpenSSH
```

```
cpe:/a:openbsd:openssh:9.2p1 -> OpenBSD OpenSSH
```

54615 - Device Type

Synopsis

It is possible to guess the remote device type.

Description

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

Solution

n/a

Risk Factor

None

Plugin Information

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

Plugin Output

tcp/0

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

35716 - Ethernet Card Manufacturer Detection

Synopsis

The manufacturer can be identified from the Ethernet OUI.

Description

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

See Also

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

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

Solution

n/a

Risk Factor

None

Plugin Information

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

Plugin Output

tcp/0

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

```
08:00:27:24:46:64 : PCS Systemtechnik GmbH
```

86420 - Ethernet MAC Addresses

Synopsis

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

Description

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

Solution

n/a

Risk Factor

None

Plugin Information

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

Plugin Output

tcp/0

```
The following is a consolidated list of detected MAC addresses:  
- 08:00:27:24:46:64
```

43111 - HTTP Methods Allowed (per directory)

Synopsis

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

Description

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

The following HTTP methods are considered insecure:

PUT, DELETE, CONNECT, TRACE, HEAD

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

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

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

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

See Also

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

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

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

Solution

n/a

Risk Factor

None

Plugin Information

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

Plugin Output

tcp/80/www

Based on the response to an OPTIONS request :

- HTTP methods GET HEAD OPTIONS POST are allowed on :

/

10107 - HTTP Server Type and Version

Synopsis

A web server is running on the remote host.

Description

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

Solution

n/a

Risk Factor

None

References

XREF IAVT:0001-T-0931

Plugin Information

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

Plugin Output

tcp/80/www

```
The remote web server type is :  
Apache/2.4.59 (Debian)
```

24260 - HyperText Transfer Protocol (HTTP) Information

Synopsis

Some information about the remote HTTP configuration can be extracted.

Description

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

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

Solution

n/a

Risk Factor

None

Plugin Information

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

Plugin Output

tcp/80/www

Response Code : HTTP/1.1 200 OK

Protocol version : HTTP/1.1

HTTP/2 TLS Support: No

HTTP/2 Cleartext Support: No

SSL : no

Keep-Alive : yes

Options allowed : (Not implemented)

Headers :

Date: Mon, 15 Jul 2024 04:51:46 GMT

Server: Apache/2.4.59 (Debian)

Last-Modified: Thu, 23 May 2024 21:20:25 GMT

ETag: "9cf-619259e978f68"

Accept-Ranges: bytes

Content-Length: 2511

Vary: Accept-Encoding

Keep-Alive: timeout=5, max=100

Connection: Keep-Alive

Content-Type: text/html

Response Body :

<html>

<head>

<style>

/* Set height to 100% for body and html to enable the background image to cover the whole page: */

```

body, html {
    height: 100%
}

.bgimg {
    /* Background image */
    background-image: url('/static/forestbridge.jpg');
    /* Full-screen */
    height: 100%;
    /* Center the background image */
    background-position: center;
    /* Scale and zoom in the image */
    background-size: cover;
    /* Add position: relative to enable absolutely positioned elements inside the image (place text) */
    position: relative;
    /* Add a white text color to all elements inside the .bgimg container */
    color: white;
    /* Add a font */
    font-family: "Courier New", Courier, monospace;
    /* Set the font-size to 25 pixels */
    font-size: 25px;
}

/* Position text in the top-left corner */
.topleft {
    position: absolute;
    top: 0;
    left: 16px;
}

/* Position text in the bottom-left corner */
.bottomleft {
    position: absolute;
    bottom: 0;
    left: 16px;
}

/* Position text in the middle */
.middle {
    position: absolute;
    top: 50%;
    left: 50%;
    transform: translate(-50%, -50%);
    text-align: center;
}

/* Style the <hr> element */
hr {
    margin: auto;
    width: 40%;
}
</style>
</head>
<body>
<div class="bgimg">
    <div class="topleft">
        <p>PRO</p>
    </div>
    <div class="middle">
        <h1>COMING SOON</h1>
        <hr>
        <p id="demo"></p>
    </div>
    <div class="bottomleft">
        <p>Coming soon. Be patient.</p>
    </div>
</div>
<script>
// Set the date we're counting down to

```

```
var date = new Date();  
date.setDate(date.getDate()+6 [...])
```

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.
```

Synopsis

It is possible to determine which TCP ports are open.

Description

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

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

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

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

Plugin Output

tcp/22/ssh

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

Synopsis

It is possible to determine which TCP ports are open.

Description

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

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

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

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

Plugin Output

tcp/80/www

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


Synopsis

It is possible to determine which TCP ports are open.

Description

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

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

Solution

Protect your target with an IP filter.

Risk Factor

None

Plugin Information

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

Plugin Output

tcp/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: 2024/07/05

Plugin Output

tcp/0

Information about this scan :

```
Nessus version : 10.7.4
Nessus build : 20055
Plugin feed version : 202407141754
Scanner edition used : Nessus Home
Scanner OS : LINUX
Scanner distribution : ubuntu1404-x86-64
Scan type : Normal
Scan name : reto 6
```

```
Scan policy used : Advanced Scan
Scanner IP : 10.0.2.19
Port scanner(s) : nessus_syn_scanner
Port range : default
Ping RTT : 201.568 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 : 100
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 : 2024/7/15 6:51 CEST
Scan duration : 95 sec
Scan for malware : no
```

11936 - OS Identification

Synopsis

It is possible to guess the remote operating system.

Description

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

Solution

n/a

Risk Factor

None

Plugin Information

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

Plugin Output

tcp/0

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

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

117886 - OS Security Patch Assessment Not Available

Synopsis

OS Security Patch Assessment is not available.

Description

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

This does not necessarily indicate a problem with the scan.

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

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

Solution

n/a

Risk Factor

None

References

XREF IAVB:0001-B-0515

Plugin Information

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

Plugin Output

tcp/0

The following issues were reported :

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

181418 - OpenSSH Detection

Synopsis

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

Description

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

See Also

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

Solution

n/a

Risk Factor

None

Plugin Information

Published: 2023/09/14, Modified: 2024/07/08

Plugin Output

tcp/22/ssh

```
Service : ssh
Version : 9.2p1
Banner  : SSH-2.0-OpenSSH_9.2p1 Debian-2+deb12u2
```

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: 2024/07/09

Plugin Output

tcp/0

```
. You need to take the following action :  
[ Apache 2.4.x < 2.4.61 (201532) ]  
+ Action to take : Upgrade to Apache version 2.4.61 or later.  
+Impact : Taking this action will resolve 8 different vulnerabilities (CVEs).
```

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
kex-strict-s-v00@openssh.com
sntrup761x25519-sha512@openssh.com
```

```
The server supports the following options for server_host_key_algorithms :
```

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

```
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
```

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: 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_9.2p1 Debian-2+deb12u2
SSH supported authentication : publickey,password
```

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/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

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 10.0.2.19 to 10.0.2.15 :
10.0.2.19
10.0.2.15

Hop Count: 1
```

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/80/www

```
Contents of robots.txt :
```

```
User-agent: *  
Disallow: /wap/  
Disallow: /corp/
```