



## metasploitable

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Report generated by Tenable Nessus™

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Nessus Essentials

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## **Vulnerabilities by Host**

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## 10.0.2.15



### Scan Information

Start time: Wed Apr 30 15:51:51 2025  
End time: Wed Apr 30 15:55:54 2025

### Host Information

IP: 10.0.2.15  
MAC Address: 08:00:27:04:42:0F  
OS: Linux Kernel 6.12.13-amd64

### Vulnerabilities

**190856 - Node.js 18.x < 18.19.1 / 20.x < 20.11.1 / 21.x < 21.6.2 Multiple Vulnerabilities (Wednesday February 14 2024 Security Releases).**

### Synopsis

Node.js - JavaScript run-time environment is affected by multiple vulnerabilities.

### Description

The version of Node.js installed on the remote host is prior to 18.19.1, 20.11.1, 21.6.2. It is, therefore, affected by multiple vulnerabilities as referenced in the Wednesday February 14 2024 Security Releases advisory.

- On Linux, Node.js ignores certain environment variables if those may have been set by an unprivileged user while the process is running with elevated privileges with the only exception of CAP\_NET\_BIND\_SERVICE. Due to a bug in the implementation of this exception, Node.js incorrectly applies this exception even when certain other capabilities have been set. This allows unprivileged users to inject code that inherits the process's elevated privileges. Impacts: Thank you, to Tobias Nien for reporting this vulnerability and for fixing it. (CVE-2024-21892)
- A vulnerability in Node.js HTTP servers allows an attacker to send a specially crafted HTTP request with chunked encoding, leading to resource exhaustion and denial of service (DoS). The server reads an unbounded number of bytes from a single connection, exploiting the lack of limitations on chunk extension bytes. The issue can cause CPU and network bandwidth exhaustion, bypassing standard safeguards like timeouts and body size limits. Impacts: Thank you, to Bartek Nowotarski for reporting this vulnerability and thank you Paolo Insogna for fixing it. (CVE-2024-22019)

- The permission model protects itself against path traversal attacks by calling `path.resolve()` on any paths given by the user. If the path is to be treated as a Buffer, the implementation uses `Buffer.from()` to obtain a Buffer from the result of `path.resolve()`. By monkey-patching Buffer internals, namely, `Buffer.prototype.utf8Write`, the application can modify the result of `path.resolve()`, which leads to a path traversal vulnerability. Impacts: Please note that at the time this CVE was issued, the permission model is an experimental feature of Node.js. Thank you, to Tobias Niesen for reporting this vulnerability and for fixing it. (CVE-2024-21896)

- `setuid()` does not affect libuv's internal `io_uring` operations if initialized before the call to `setuid()`.

This allows the process to perform privileged operations despite presumably having dropped such privileges through a call to `setuid()`. Impacts: Thank you, to valette for reporting this vulnerability and thank you Tobias Niesen for fixing it. (CVE-2024-22017)

- A vulnerability in the `privateDecrypt()` API of the crypto library, allowed a covert timing side-channel during PKCS#1 v1.5 padding error handling. The vulnerability revealed significant timing differences in decryption for valid and invalid ciphertexts. This poses a serious threat as attackers could remotely exploit the vulnerability to decrypt captured RSA ciphertexts or forge signatures, especially in scenarios involving API endpoints processing Json Web Encryption messages. Impacts: Thank you, to hkario for reporting this vulnerability and thank you Michael Dawson for fixing it. (CVE-2023-46809)

- Node.js depends on multiple built-in utility functions to normalize paths provided to `node:fs` functions, which can be overwritten with user-defined implementations leading to filesystem permission model bypass through path traversal attack. Impacts: Please note that at the time this CVE was issued, the permission model is an experimental feature of Node.js. Thank you, to xion for reporting this vulnerability and thank you Rafael Gonzaga for fixing it. (CVE-2024-21891)

- The Node.js Permission Model does not clarify in the documentation that wildcards should be only used as the last character of a file path. For example: `--allow-fs-read=/home/node/.ssh/*.pub` will ignore `pub` and give access to everything after `.ssh/`. Impacts: Please note that at the time this CVE was issued, the permission model is an experimental feature of Node.js. Thank you, to Tobias Niesen for reporting this vulnerability and thank you Rafael Gonzaga for fixing it. (CVE-2024-21890)

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

#### See Also

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<http://www.nessus.org/u?313add11>

#### Solution

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Upgrade to Node.js version 18.19.1 / 20.11.1 / 21.6.2 or later.

#### Risk Factor

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Critical

#### CVSS v3.0 Base Score

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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

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

VPR Score

6.7

EPSS Score

0.1041

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

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

STIG Severity

I

References

CVE	CVE-2023-46809
CVE	CVE-2024-21890
CVE	CVE-2024-21891
CVE	CVE-2024-21892
CVE	CVE-2024-21896
CVE	CVE-2024-22017
CVE	CVE-2024-22019
XREF	IAVB:2024-B-0016-S

Plugin Information

Published: 2024/02/21, Modified: 2025/04/03

Plugin Output

tcp/0

```
Path          : /usr/lib/python3/dist-packages/playwright/driver/node
Installed version : 20.11.0
Fixed version  : 20.11.1
```

## 192945 - Node.js 18.x < 18.20.1 / 20.x < 20.12.1 / 21.x < 21.7.2 Multiple Vulnerabilities (Wednesday, April 3, 2024 Security Releases).

### Synopsis

Node.js - JavaScript run-time environment is affected by multiple vulnerabilities.

### Description

The version of Node.js installed on the remote host is prior to 18.20.1, 20.12.1, 21.7.2. It is, therefore, affected by multiple vulnerabilities as referenced in the Wednesday, April 3, 2024 Security Releases advisory.

- An attacker can make the Node.js HTTP/2 server completely unavailable by sending a small amount of HTTP/2 frames packets with a few HTTP/2 frames inside. It is possible to leave some data in nhttp2 memory after reset when headers with HTTP/2 CONTINUATION frame are sent to the server and then a TCP connection is abruptly closed by the client triggering the Http2Session destructor while header frames are still being processed (and stored in memory) causing a race condition. Impacts: Thank you, to bart for reporting this vulnerability and Anna Henningsen for fixing it. (CVE-2024-27983)

- The team has identified a vulnerability in the http server of the most recent version of Node, where malformed headers can lead to HTTP request smuggling. Specifically, if a space is placed before a content-length header, it is not interpreted correctly, enabling attackers to smuggle in a second request within the body of the first. Impacts: Thank you, to bpingel for reporting this vulnerability and Paolo Insogna for fixing it. Summary The Node.js project will release new versions of the 18.x, 20.x, 21.x releases lines on or shortly after, Wednesday, April 3, 2024 in order to address: (CVE-2024-27982)

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

### See Also

<https://nodejs.org/en/blog/vulnerability/april-2024-security-releases/>

### Solution

Upgrade to Node.js version 18.20.1 / 20.12.1 / 21.7.2 or later.

### Risk Factor

Medium

### CVSS v3.0 Base Score

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

### CVSS v3.0 Temporal Score

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

VPR Score

5.0

EPSS Score

0.8009

CVSS v2.0 Base Score

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

CVSS v2.0 Temporal Score

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

STIG Severity

I

References

CVE	CVE-2024-27982
CVE	CVE-2024-27983
XREF	IAVB:2024-B-0033-S

Plugin Information

Published: 2024/04/05, Modified: 2024/04/19

Plugin Output

tcp/0

```
Path          : /usr/lib/python3/dist-packages/playwright/driver/node
Installed version : 20.11.0
Fixed version  : 20.12.1
```



## 201969 - Node.js 18.x < 18.20.4 / 20.x < 20.15.1 / 22.x < 22.4.1 Multiple Vulnerabilities (Monday, July 8, 2024 Security Releases).

### Synopsis

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Node.js - JavaScript run-time environment is affected by multiple vulnerabilities.

### Description

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The version of Node.js installed on the remote host is prior to 18.20.4, 20.15.1, 22.4.1. It is, therefore, affected by multiple vulnerabilities as referenced in the Monday, July 8, 2024 Security Releases advisory.

- The CVE-2024-27980 was identified as an incomplete fix for the BatBadBut vulnerability. This vulnerability arises from improper handling of batch files with all possible extensions on Windows via `child_process.spawn` / `child_process.spawnSync`. A malicious command line argument can inject arbitrary commands and achieve code execution even if the shell option is not enabled. This vulnerability affects all users of `child_process.spawn` and `child_process.spawnSync` on Windows in all active release lines.

Impact: Thank you, to tianst for reporting this vulnerability and thank you RafaelGSS for fixing it.

(CVE-2024-27980)

- A security flaw in Node.js allows a bypass of network import restrictions. By embedding non-network imports in data URLs, an attacker can execute arbitrary code, compromising system security. Verified on various platforms, the vulnerability is mitigated by forbidding data URLs in network imports. Exploiting this flaw can violate network import security, posing a risk to developers and servers. Impact: Thank you, to dittyroma for reporting this vulnerability and thank you RafaelGSS for fixing it. (CVE-2024-22020)

- A vulnerability has been identified in Node.js, affecting users of the experimental permission model when the `--allow-fs-write` flag is used. Node.js Permission Model do not operate on file descriptors, however, operations such as `fs.fchown` or `fs.fchmod` can use a read-only file descriptor to change the owner and permissions of a file. This vulnerability affects all users using the experimental permission model in Node.js 20 and Node.js 22. Please note that at the time this CVE was issued, the permission model is an experimental feature of Node.js. Impact: Thank you, to 4xpl0r3r for reporting this vulnerability and thank you RafaelGSS for fixing it. (CVE-2024-36137)

- A vulnerability has been identified in Node.js, affecting users of the experimental permission model when the `--allow-fs-read` flag is used. This flaw arises from an inadequate permission model that fails to restrict file stats through the `fs.lstat` API. As a result, malicious actors can retrieve stats from files that they do not have explicit read access to. This vulnerability affects all users using the experimental permission model in Node.js 20 and Node.js 22. Please note that at the time this CVE was issued, the permission model is an experimental feature of Node.js. Impact: Thank you, to haxatron1 for reporting this vulnerability and thank you RafaelGSS for fixing it. (CVE-2024-22018)

- The Permission Model assumes that any path starting with two backslashes `\\` has a four-character prefix that can be ignored, which is not always true. This subtle bug leads to vulnerable edge cases. This vulnerability affects Windows users of the Node.js Permission Model in version v22.x and v20.x Impact:

Thank you, to tniessen for reporting this vulnerability and thank you RafaelGSS for fixing it.

(CVE-2024-37372)

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

### See Also

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<https://nodejs.org/en/blog/vulnerability/july-2024-security-releases/>

Solution

Upgrade to Node.js version 18.20.4 / 20.15.1 / 22.4.1 or later.

Risk Factor

High

CVSS v3.0 Base Score

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

CVSS v3.0 Temporal Score

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

VPR Score

6.7

EPSS Score

0.0074

CVSS v2.0 Base Score

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

CVSS v2.0 Temporal Score

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

STIG Severity

I

References

CVE	CVE-2024-22018
CVE	CVE-2024-22020
CVE	CVE-2024-27980
CVE	CVE-2024-36137
CVE	CVE-2024-37372
XREF	IAVB:2024-B-0039-S
XREF	IAVB:2024-B-0083-S

## Plugin Information

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Published: 2024/07/08, Modified: 2025/01/24

## Plugin Output

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tcp/0

```
Path          : /usr/lib/python3/dist-packages/playwright/driver/node
Installed version : 20.11.0
Fixed version  : 20.15.1
```

## 214404 - Node.js 18.x < 18.20.6 / 20.x < 20.18.2 / 22.x < 22.13.1 / 23.x < 23.6.1 Multiple Vulnerabilities (Tuesday, January 21, 2025 Security Releases).

### Synopsis

Node.js - JavaScript run-time environment is affected by multiple vulnerabilities.

### Description

The version of Node.js installed on the remote host is prior to 18.20.6, 20.18.2, 22.13.1, 23.6.1. It is, therefore, affected by multiple vulnerabilities as referenced in the Tuesday, January 21, 2025 Security Releases advisory.

- A memory leak could occur when a remote peer abruptly closes the socket without sending a GOAWAY notification. Additionally, if an invalid header was detected by nghttp2, causing the connection to be terminated by the peer, the same leak was triggered. This flaw could lead to increased memory consumption and potential denial of service under certain conditions. This vulnerability affects HTTP/2 Server users on Node.js v18.x, v20.x, v22.x and v23.x. Impact: Thank you, to newtmitch for reporting this vulnerability and thank you RafaelGSS for fixing it. (CVE-2025-23085)

- With the aid of the diagnostics\_channel utility, an event can be hooked into whenever a worker thread is created. This is not limited only to workers but also exposes internal workers, where an instance of them can be fetched, and its constructor can be grabbed and reinstated for malicious usage. This vulnerability affects Permission Model users (--permission) on Node.js v20, v22, and v23. Impact: Thank you, to leodog896 for reporting this vulnerability and thank you RafaelGSS for fixing it. (CVE-2025-23083)

- A vulnerability has been identified in Node.js, specifically affecting the handling of drive names in the Windows environment. Certain Node.js functions do not treat drive names as special on Windows. As a result, although Node.js assumes a relative path, it actually refers to the root directory. On Windows, a path that does not start with the file separator is treated as relative to the current directory. This vulnerability affects Windows users of path.join API. Impact: Thank you, to taise for reporting this vulnerability and thank you tniessen for fixing it. (CVE-2025-23084)

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

### See Also

<http://www.nessus.org/u?68bc9901>

### Solution

Upgrade to Node.js version 18.20.6 / 20.18.2 / 22.13.1 / 23.6.1 or later.

### Risk Factor

Medium

### CVSS v3.0 Base Score

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

CVSS v3.0 Temporal Score

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

VPR Score

5.2

EPSS Score

0.0006

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-2025-23083
CVE	CVE-2025-23084
CVE	CVE-2025-23085
XREF	IAVB:2025-B-0012

Plugin Information

Published: 2025/01/21, Modified: 2025/01/24

Plugin Output

tcp/0

```
Path          : /usr/lib/python3/dist-packages/playwright/driver/node
Installed version : 20.11.0
Fixed version  : 20.18.2
```

## Synopsis

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OpenJDK is affected by multiple vulnerabilities.

## Description

---

The version of OpenJDK installed on the remote host is 8 prior to 8u442 / 11.0.0 prior to 11.0.26 / 17.0.0 prior to 17.0.14 / 21.0.0 prior to 21.0.6 / 24.0.0 prior to 24.0.0. It is, therefore, affected by multiple vulnerabilities as referenced in the 2025-04-15 advisory.

Please Note: Java CVEs do not always include OpenJDK versions, but are confirmed separately by Tenable using the patch versions from the referenced OpenJDK security advisory.

- Vulnerability in the Oracle Java SE, Oracle GraalVM for JDK, Oracle GraalVM Enterprise Edition product of Oracle Java SE (component: JSSE). Supported versions that are affected are Oracle Java SE:8u441, 8u441-perf, 11.0.26, 17.0.14, 21.0.6, 24; Oracle GraalVM for JDK:17.0.14, 21.0.6, 24; Oracle GraalVM Enterprise Edition:20.3.17 and 21.3.13. Difficult to exploit vulnerability allows unauthenticated attacker with network access via multiple protocols to compromise Oracle Java SE, Oracle GraalVM for JDK, Oracle GraalVM Enterprise Edition. Successful attacks of this vulnerability can result in unauthorized creation, deletion or modification access to critical data or all Oracle Java SE, Oracle GraalVM for JDK, Oracle GraalVM Enterprise Edition accessible data as well as unauthorized access to critical data or complete access to all Oracle Java SE, Oracle GraalVM for JDK, Oracle GraalVM Enterprise Edition accessible data.

Note: This vulnerability can be exploited by using APIs in the specified Component, e.g., through a web service which supplies data to the APIs. This vulnerability also applies to Java deployments, typically in clients running sandboxed Java Web Start applications or sandboxed Java applets, that load and run untrusted code (e.g., code that comes from the internet) and rely on the Java sandbox for security.

(CVE-2025-21587)

- Vulnerability in Oracle Java SE (component: Compiler). Supported versions that are affected are Oracle Java SE: 21.0.6, 24; Oracle GraalVM for JDK: 21.0.6 and 24. Difficult to exploit vulnerability allows unauthenticated attacker with network access via multiple protocols to compromise Oracle Java SE.

Successful attacks of this vulnerability can result in unauthorized update, insert or delete access to some of Oracle Java SE accessible data as well as unauthorized read access to a subset of Oracle Java SE accessible data. Note: This vulnerability can be exploited by using APIs in the specified Component, e.g., through a web service which supplies data to the APIs. This vulnerability also applies to Java deployments, typically in clients running sandboxed Java Web Start applications or sandboxed Java applets, that load and run untrusted code (e.g., code that comes from the internet) and rely on the Java sandbox for security. (CVE-2025-30691)

- Vulnerability in the Oracle Java SE, Oracle GraalVM for JDK, Oracle GraalVM Enterprise Edition product of Oracle Java SE (component: 2D). Supported versions that are affected are Oracle Java SE: 8u441, 8u441-perf, 11.0.26, 17.0.14, 21.0.6, 24; Oracle GraalVM for JDK: 17.0.14, 21.0.6, 24; Oracle GraalVM Enterprise Edition: 20.3.17 and 21.3.13. Difficult to exploit vulnerability allows unauthenticated attacker with network access via multiple protocols to compromise Oracle Java SE, Oracle GraalVM for JDK, Oracle GraalVM Enterprise Edition. Successful attacks of this vulnerability can result in unauthorized update, insert or delete access to some of Oracle Java SE, Oracle GraalVM for JDK, Oracle GraalVM Enterprise Edition accessible data as well as unauthorized read access to a subset of Oracle Java SE, Oracle GraalVM for JDK, Oracle GraalVM Enterprise Edition accessible data and unauthorized ability to cause a partial denial of service (partial DOS) of Oracle Java SE, Oracle GraalVM for JDK, Oracle GraalVM Enterprise Edition. Note: This vulnerability applies to Java deployments, typically in clients running sandboxed Java Web Start applications or sandboxed Java applets, that load and run untrusted code (e.g., code that

comes from the internet) and rely on the Java sandbox for security. This vulnerability does not apply to Java deployments, typically in servers, that load and run only trusted code (e.g., code installed by an administrator). (CVE-2025-30698)

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

See Also

<https://openjdk.java.net/groups/vulnerability/advisories/2025-04-15>

Solution

Upgrade to an OpenJDK version greater than 8u442 / 11.0.26 / 17.0.14 / 21.0.6 / 24.0.0

Risk Factor

High

CVSS v3.0 Base Score

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

CVSS v3.0 Temporal Score

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

VPR Score

6.0

EPSS Score

0.0004

CVSS v2.0 Base Score

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

CVSS v2.0 Temporal Score

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

References

CVE	CVE-2025-21587
CVE	CVE-2025-30691
CVE	CVE-2025-30698

## Plugin Information

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Published: 2025/04/16, Modified: 2025/04/16

## Plugin Output

---

tcp/0

```
Path          : /usr/lib/jvm/java-21-openjdk-amd64/  
Installed version : 21.0.6  
Fixed version  : Upgrade to a version greater than 21.0.6
```



## 51192 - SSL Certificate Cannot Be Trusted

### Synopsis

---

The SSL certificate for this service cannot be trusted.

### Description

---

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

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

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

### See Also

---

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

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

### Solution

---

Purchase or generate a proper SSL certificate for this service.

### Risk Factor

---

Medium

### CVSS v3.0 Base Score

---

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

### CVSS v2.0 Base Score

---

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

## Plugin Information

---

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

## Plugin Output

---

tcp/8834/www

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

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

## 141394 - Apache HTTP Server Installed (Linux)

### Synopsis

The remote host has Apache HTTP Server software installed.

### Description

Apache HTTP Server is installed on the remote Linux host.

### See Also

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

### Solution

n/a

### Risk Factor

None

### References

XREF IAVT:0001-T-0530

### Plugin Information

Published: 2020/10/12, Modified: 2025/04/28

### Plugin Output

tcp/0

```
Path           : /usr/sbin/apache2
Version        : 2.4.63
Associated Package : apache2-bin: /usr/sbin/apache2
Managed by OS  : True
Running        : no
```

```
Configs found :
- /etc/apache2/apache2.conf
```

```
Loaded modules :
- libphp8.4
- mod_access_compat
- mod_alias
- mod_auth_basic
- mod_authn_core
- mod_authn_file
- mod_authz_core
- mod_authz_host
```

- mod\_authz\_user
- mod\_autoindex
- mod\_deflate
- mod\_dir
- mod\_env
- mod\_filter
- mod\_mime
- mod\_mpm\_prefork
- mod\_negotiation
- mod\_reqtimeout
- mod\_setenvif
- mod\_status

## 142640 - Apache HTTP Server Site Enumeration

### Synopsis

The remote host is hosting websites using Apache HTTP Server.

### Description

Domain names and IP addresses from Apache HTTP Server configuration file were retrieved from the remote host. Apache HTTP Server is a webserver environment written in C. Note: Only Linux- and Unix-based hosts are currently supported by this plugin.

### See Also

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

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2020/11/09, Modified: 2025/02/12

### Plugin Output

tcp/0

```
Sites and configs present in /usr/sbin/apache2 Apache installation:
- following sites are present in /etc/apache2/apache2.conf Apache config file:
+ - *:80
```

## 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: 2025/04/15

### 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:2.4.63 -> Apache Software Foundation Apache HTTP Server
cpe:/a:exiv2:exiv2:0.28.4 -> Exiv2
cpe:/a:exiv2:libexiv2:0.28.4
cpe:/a:gnupg:libgcrypt:1.11.0 -> GnuPG Libgcrypt
cpe:/a:haxx:curl:8.12.1 -> Haxx Curl
cpe:/a:haxx:libcurl:8.12.1 -> Haxx libcurl
cpe:/a:jmcnamara:sheetparse:0.66 -> John McNamara Spreadsheet::ParseExcel
cpe:/a:nginx:nginx:1.26.3 -> Nginx
cpe:/a:nginx:nginx:1.26.3-2 -> Nginx
cpe:/a:nodejs:node.js:20.11.0 -> Nodejs Node.js
cpe:/a:numpy:numpy:1.26.4 -> NumPy
cpe:/a:openssl:openssl:3.0.15 -> OpenSSL Project OpenSSL
```

```
cpe:/a:openssl:openssl:3.4.0 -> OpenSSL Project OpenSSL
cpe:/a:openssl:openssl:3.5.0 -> OpenSSL Project OpenSSL
cpe:/a:openvpn:openvpn:2.6.13 -> OpenVPN
cpe:/a:oracle:openjdk:21.0.6 -> Oracle OpenJDK -
cpe:/a:php:php:8.4.4 -> PHP PHP
cpe:/a:postgresql:postgresql:17.4 -> PostgreSQL
cpe:/a:ruby-lang:ruby:3.3.7 -> Ruby-lang Ruby
cpe:/a:sqlite:sqlite -> SQLite
cpe:/a:tenable:nessus -> Tenable Nessus
cpe:/a:tenable:nessus:10.8.4 -> Tenable Nessus
cpe:/a:tukaani:xz:5.6.3 -> Tukaani XZ
cpe:/a:vim:vim:9.1 -> Vim
x-cpe:/a:java:jre:21.0.6
x-cpe:/a:libndp:libndp:1.9
```

## 182774 - Curl Installed (Linux / Unix)

### Synopsis

Curl is installed on the remote Linux / Unix host.

### Description

Curl (also known as curl and cURL) is installed on the remote Linux / Unix host.

Additional information:

- More paths will be searched and the timeout for the search will be increased if 'Perform thorough tests' setting is enabled.
- The plugin timeout can be set to a custom value other than the plugin's default of 30 minutes via the 'timeout.182774' scanner setting in Nessus 8.15.1 or later.

Please see <https://docs.tenable.com/nessus/Content/SettingsAdvanced.htm#Custom> for more information.

### See Also

<https://curl.se/>

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2023/10/09, Modified: 2025/04/28

### Plugin Output

tcp/0

```
Path          : /usr/bin/curl
Version       : 8.12.1
Associated Package : curl 8.12.1-2
Managed by OS : True
```



## 55472 - Device Hostname

### Synopsis

It was possible to determine the remote system hostname.

### Description

This plugin reports a device's hostname collected via SSH or WMI.

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2011/06/30, Modified: 2025/04/28

### Plugin Output

tcp/0

```
Hostname : kali
kali (hostname command)
```

## 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: 2025/03/12

### Plugin Output

tcp/0

```
Remote device type : general-purpose  
Confidence level : 99
```

### Synopsis

Detected Dockerfiles on the host.

### Description

The host contains Dockerfiles, text files containing instructions to build Docker images.

### See Also

<https://docs.docker.com/engine/reference/builder/>

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2022/03/29, Modified: 2025/04/28

### Plugin Output

tcp/0

```
Dockerfiles found: 4
- /usr/share/metasploit-framework/tools/payloads/ysoserial/Dockerfile
- /usr/share/metasploit-framework/vendor/bundle/ruby/3.3.0/gems/net-ssh-7.3.0/Dockerfile
- /usr/share/metasploit-framework/vendor/bundle/ruby/3.3.0/gems/puma-6.6.0/tools/Dockerfile
- /var/www/html/DVWA/Dockerfile
```

## 25203 - Enumerate IPv4 Interfaces via SSH

### Synopsis

Nessus was able to enumerate the IPv4 interfaces on the remote host.

### Description

Nessus was able to enumerate the network interfaces configured with IPv4 addresses by connecting to the remote host via SSH using the supplied credentials.

### Solution

Disable any unused IPv4 interfaces.

### Risk Factor

None

### Plugin Information

Published: 2007/05/11, Modified: 2025/04/28

### Plugin Output

tcp/0

```
The following IPv4 addresses are set on the remote host :
```

- 10.0.2.15 (on interface eth0)
- 127.0.0.1 (on interface lo)

## 25202 - Enumerate IPv6 Interfaces via SSH

### Synopsis

Nessus was able to enumerate the IPv6 interfaces on the remote host.

### Description

Nessus was able to enumerate the network interfaces configured with IPv6 addresses by connecting to the remote host via SSH using the supplied credentials.

### Solution

Disable IPv6 if you are not actually using it. Otherwise, disable any unused IPv6 interfaces.

### Risk Factor

None

### Plugin Information

Published: 2007/05/11, Modified: 2025/04/28

### Plugin Output

tcp/0

The following IPv6 interfaces are set on the remote host :

- fe80::a195:c11f:487b:4e28 (on interface eth0)
- fd00::3657:aaec:4efa:f357 (on interface eth0)
- ::1 (on interface lo)

## 33276 - Enumerate MAC Addresses via SSH

### Synopsis

---

Nessus was able to enumerate MAC addresses on the remote host.

### Description

---

Nessus was able to enumerate MAC addresses by connecting to the remote host via SSH with the supplied credentials.

### Solution

---

Disable any unused interfaces.

### Risk Factor

---

None

### Plugin Information

---

Published: 2008/06/30, Modified: 2022/12/20

### Plugin Output

---

tcp/0

```
The following MAC address exists on the remote host :
```

```
- 08:00:27:04:42:0f (interface eth0)
```

## 170170 - Enumerate the Network Interface configuration via SSH

### Synopsis

Nessus was able to parse the Network Interface data on the remote host.

### Description

Nessus was able to parse the Network Interface data on the remote host.

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2023/01/19, Modified: 2025/02/11

### Plugin Output

tcp/0

```
lo:
  IPv4:
    - Address : 127.0.0.1
      Netmask : 255.0.0.0
  IPv6:
    - Address : ::1
      Prefixlen : 128
      Scope : host
      ScopeID : 0x10
eth0:
  MAC : 08:00:27:04:42:0f
  IPv4:
    - Address : 10.0.2.15
      Netmask : 255.255.255.0
      Broadcast : 10.0.2.255
  IPv6:
    - Address : fe80::a195:c11f:487b:4e28
      Prefixlen : 64
      Scope : link
      ScopeID : 0x20
    - Address : fd00::3657:aaec:4efa:f357
      Prefixlen : 64
      Scope : global
      ScopeID : 0x0
```

## 179200 - Enumerate the Network Routing configuration via SSH

### Synopsis

Nessus was able to retrieve network routing information from the remote host.

### Description

Nessus was able to retrieve network routing information the remote host.

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2023/08/02, Modified: 2023/08/02

### Plugin Output

tcp/0

```
Gateway Routes:
  eth0:
    ipv4_gateways:
      10.0.2.2:
        subnets:
          - 0.0.0.0/0
    ipv6_gateways:
      fe80::2:
        subnets:
          - ::/0
Interface Routes:
  eth0:
    ipv4_subnets:
      - 10.0.2.0/24
    ipv6_subnets:
      - fd00::/64
      - fe80::/64
```



## 168980 - Enumerate the PATH Variables

### Synopsis

Enumerates the PATH variable of the current scan user.

### Description

Enumerates the PATH variables of the current scan user.

### Solution

Ensure that directories listed here are in line with corporate policy.

### Risk Factor

None

### Plugin Information

Published: 2022/12/21, Modified: 2025/04/28

### Plugin Output

tcp/0

```
Nessus has enumerated the path of the current scan user :
```

```
/usr/local/sbin  
/usr/local/bin  
/usr/sbin  
/usr/bin
```

## 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 :
```

```
08:00:27:04:42:0F : 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: 2025/04/28

### Plugin Output

tcp/0

```
The following is a consolidated list of detected MAC addresses:  
- 08:00:27:04:42:0F
```

## 204827 - Exiv2 Installed (Linux / Unix)

### Synopsis

Exiv2 is installed on the remote Linux / Unix host.

### Description

Exiv2 is installed on the remote Linux / Unix host.

Additional information:

- More paths will be searched and the timeout for the search will be increased if 'Perform thorough tests' setting is enabled.
- The plugin timeout can be set to a custom value other than the plugin's default of 30 minutes via the 'timeout.204827' scanner setting in Nessus 8.15.1 or later.

Please see <https://docs.tenable.com/nessus/Content/SettingsAdvanced.htm#Custom> for more information.

### See Also

<https://exiv2.org/>

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2024/07/29, Modified: 2025/04/28

### Plugin Output

tcp/0

```
Path          : /usr/bin/exiv2
Version       : 0.28.4
Associated Package : exiv2 0.28.4
Managed by OS : True
```

## 10107 - HTTP Server Type and Version

### Synopsis

A web server is running on the remote host.

### Description

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

### Solution

n/a

### Risk Factor

None

### References

XREF IAVT:0001-T-0931

### Plugin Information

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

### Plugin Output

tcp/8834/www

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

## 24260 - HyperText Transfer Protocol (HTTP) Information

### Synopsis

Some information about the remote HTTP configuration can be extracted.

### Description

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

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

### Solution

n/a

### Risk Factor

None

### Plugin Information

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

### Plugin Output

tcp/8834/www

Response Code : HTTP/1.1 200 OK

Protocol version : HTTP/1.1

HTTP/2 TLS Support: No

HTTP/2 Cleartext Support: No

SSL : yes

Keep-Alive : no

Options allowed : (Not implemented)

Headers :

Cache-Control: must-revalidate

X-Frame-Options: DENY

Content-Type: text/html

ETag: 648f9856fb742fdlad80a4e90e544995

Connection: close

X-XSS-Protection: 1; mode=block

Server: NessusWWW

Date: Wed, 30 Apr 2025 19:52:05 GMT

X-Content-Type-Options: nosniff

Content-Length: 1217

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

Strict-Transport-Security: max-age=31536000; includeSubDomains

Expect-CT: max-age=0

Response Body :

```
<!doctype html>
<html lang="en">
  <head>
    <meta http-equiv="X-UA-Compatible" content="IE=edge,chrome=1" />
    <meta http-equiv="Content-Security-Policy" content="upgrade-insecure-requests; block-all-
mixed-content; form-action 'self'; frame-src https://store.tenable.com; default-src 'self'; connect-
src 'self' www.tenable.com; script-src 'self' www.tenable.com; img-src 'self' data;; style-src
'self' www.tenable.com; object-src 'none'; base-uri 'self';" />
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <meta charset="utf-8" />
    <title>Nessus</title>
    <link rel="stylesheet" href="nessus6.css?v=1744138425399" id="theme-link" />
    <link rel="stylesheet" href="tenable_links.css?v=ac05d80f1e3731b79d12103cdf9367fc" />
    <link rel="stylesheet" href="wizard_templates.css?v=0e2ae10949ed6782467b3810ccce69c5" />
    <!--[if lt IE 11]>
      <script>
        window.location = '/unsupported6.html';
      </script>
    <![endif]-->
    <script src="nessus6.js?v=1744138425399"></script>
    <script src="p [...]
```

## 171410 - IP Assignment Method Detection

### Synopsis

Enumerates the IP address assignment method(static/dynamic).

### Description

Enumerates the IP address assignment method(static/dynamic).

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2023/02/14, Modified: 2025/04/28

### Plugin Output

tcp/0

```
+ lo
+ IPv4
- Address      : 127.0.0.1
  Assign Method : static
+ IPv6
- Address      : ::1
  Assign Method : static
+ eth0
+ IPv4
- Address      : 10.0.2.15
  Assign Method : dynamic
+ IPv6
- Address      : fd00::3657:aaec:4efa:f357
  Assign Method : dynamic
- Address      : fe80::a195:c11f:487b:4e28
  Assign Method : static
```



### Synopsis

Java is installed on the remote Linux / Unix host.

### Description

One or more instances of Java are installed on the remote Linux / Unix host. This may include private JREs bundled with the Java Development Kit (JDK).

#### Notes:

- This plugin attempts to detect Oracle and non-Oracle JRE instances such as Zulu Java, Amazon Corretto, AdoptOpenJDK, IBM Java, etc
- To discover instances of JRE that are not in PATH, or installed via a package manager, 'Perform thorough tests' setting must be enabled.

### See Also

[https://en.wikipedia.org/wiki/Java\\_\(software\\_platform\)](https://en.wikipedia.org/wiki/Java_(software_platform))

### Solution

n/a

### Risk Factor

None

### References

XREF IAVT:0001-T-0690

### Plugin Information

Published: 2021/03/16, Modified: 2025/04/28

### Plugin Output

tcp/0

```
Path          : /usr/lib/jvm/java-21-openjdk-amd64/
Version       : 21.0.6
Application    : OpenJDK Java
Binary Location : /usr/lib/jvm/java-21-openjdk-amd64/bin/java
Details        : This Java install appears to be OpenJDK due to the install directory
                  name (high confidence).
Detection Method : "find" utility
Managed by OS   : True
```



## 189990 - Jmcnamara Spreadsheet-ParseExcel Installed (Unix)

### Synopsis

Jmcnamara Spreadsheet-ParseExcel is installed on the remote Unix host.

### Description

Jmcnamara Spreadsheet-ParseExcel is installed on the remote Unix host.

### See Also

<https://github.com/jmcnamara/spreadsheet-parseexcel>

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2024/02/05, Modified: 2025/04/28

### Plugin Output

tcp/0

```
Path          : /usr/share/perl5/Spreadsheet/ParseExcel.pm
Version       : 0.66
Associated Package : libspreadsheet-parseexcel-perl: /usr/share/perl5/Spreadsheet/ParseExcel.pm
Managed by OS   : True
```

## 151883 - Libgcrypt Installed (Linux/UNIX)

### Synopsis

Libgcrypt is installed on this host.

### Description

Libgcrypt, a cryptography library, was found on the remote host.

### See Also

<https://gnupg.org/download/index.html>

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2021/07/21, Modified: 2025/04/28

### Plugin Output

tcp/0

Nessus detected 4 installs of Libgcrypt:

```
Path      : /usr/lib/x86_64-linux-gnu/libgcrypt.so.20
Version   : 1.11.0

Path      : /usr/lib/x86_64-linux-gnu/libgcrypt.so.20.5.0
Version   : 1.11.0

Path      : /lib/x86_64-linux-gnu/libgcrypt.so.20
Version   : 1.11.0

Path      : /lib/x86_64-linux-gnu/libgcrypt.so.20.5.0
Version   : 1.11.0
```

## 200214 - Libndp Installed (Linux / Unix)

### Synopsis

Libndp is installed on the remote Linux / Unix host.

### Description

Libndp is installed on the remote Linux / Unix host.

Additional information:

- More paths will be searched and the timeout for the search will be increased if 'Perform thorough tests' setting is enabled.
- The plugin timeout can be set to a custom value other than the plugin's default of 30 minutes via the 'timeout.200214' scanner setting in Nessus 8.15.1 or later.

Please see <https://docs.tenable.com/nessus/Content/SettingsAdvanced.htm#Custom> for more information.

### See Also

<https://github.com/jpirko/libndp>

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2024/06/07, Modified: 2025/04/28

### Plugin Output

tcp/0

```
Path          : libndp0 1.9-1 (via package manager)
Version       : 1.9
Managed by OS : True
```

## Synopsis

Use system commands to obtain the list of mounted devices on the target machine at scan time.

## Description

Report the mounted devices information on the target machine at scan time using the following commands.

```
/bin/df -h /bin/lsblk /bin/mount -l
```

This plugin only reports on the tools available on the system and omits any tool that did not return information when the command was ran.

## Solution

n/a

## Risk Factor

None

## Plugin Information

Published: 2022/02/03, Modified: 2023/11/27

## Plugin Output

tcp/0

```
$ df -h
Filesystem      Size  Used Avail Use% Mounted on
udev            1.9G   0    1.9G   0% /dev
tmpfs           393M  972K  392M   1% /run
/dev/sda1       79G   25G   50G  34% /
tmpfs           2.0G   4.0K   2.0G   1% /dev/shm
tmpfs           5.0M   0    5.0M   0% /run/lock
tmpfs           1.0M   0    1.0M   0% /run/credentials/systemd-journald.service
tmpfs           2.0G   8.0K   2.0G   1% /tmp
tmpfs           1.0M   0    1.0M   0% /run/credentials/getty@tty1.service
tmpfs           393M  120K  393M   1% /run/user/1000

$ lsblk
NAME MAJ:MIN RM  SIZE RO TYPE MOUNTPOINTS
sda   8:0    0  80.1G  0 disk
##sda1 8:1    0  80.1G  0 part /
sr0   11:0   1  1024M  0 rom

$ mount -l
sysfs on /sys type sysfs (rw,nosuid,nodev,noexec,relatime)
proc on /proc type proc (rw,nosuid,nodev,noexec,relatime)
udev on /dev type devtmpfs (rw,nosuid,relatime,size=1940896k,nr_inodes=485224,mode=755,inode64)
devpts on /dev/pts type devpts (rw,nosuid,noexec,relatime,gid=5,mode=620,ptmxmode=000)
```

```

tmpfs on /run type tmpfs (rw,nosuid,nodev,noexec,relatime,size=401580k,mode=755,inode64)
/dev/sda1 on / type ext4 (rw,relatime,errors=remount-ro) [root]
securityfs on /sys/kernel/security type securityfs (rw,nosuid,nodev,noexec,relatime)
tmpfs on /dev/shm type tmpfs (rw,nosuid,nodev,inode64)
cgroup2 on /sys/fs/cgroup type cgroup2
(rw,nosuid,nodev,noexec,relatime,nsdelegate,memory_recursiveprot)
pstore on /sys/fs/pstore type pstore (rw,nosuid,nodev,noexec,relatime)
bpf on /sys/fs/bpf type bpf (rw,nosuid,nodev,noexec,relatime,mode=700)
systemd-1 on /proc/sys/fs/binfmt_misc type autofs
(rw,relatime,fd=40,pgrp=1,timeout=0,minproto=5,maxproto=5,direct,pipe_ino=1447)
mqueue on /dev/mqueue type mqueue (rw,nosuid,nodev,noexec,relatime)
tmpfs on /run/lock type tmpfs (rw,nosuid,nodev,noexec,relatime,size=5120k,inode64)
debugfs on /sys/kernel/debug type debugfs (rw,nosuid,nodev,noexec,relatime)
hugetlbfs on /dev/hugepages type hugetlbfs (rw,nosuid,nodev,relatime,pagesize=2M)
tracefs on /sys/kernel/tracing type tracefs (rw,nosuid,nodev,noexec,rel [...]
```

## 193143 - Linux Time Zone Information

### Synopsis

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

### Description

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

### Solution

None

### Risk Factor

None

### Plugin Information

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

### Plugin Output

tcp/0

```
Via date: EDT -0400
Via timedatectl: Time zone: America/New_York (EDT, -0400)
Via /etc/localtime: EST5EDT,M3.2.0,M11.1.0
```



## 95928 - Linux User List Enumeration

### Synopsis

Nessus was able to enumerate local users and groups on the remote Linux host.

### Description

Using the supplied credentials, Nessus was able to enumerate the local users and groups on the remote Linux host.

### Solution

None

### Risk Factor

None

### Plugin Information

Published: 2016/12/19, Modified: 2025/03/26

### Plugin Output

tcp/0

```
----- [ User Accounts ] -----
```

```
User       : kali
Home folder : /home/kali
Start script : /usr/bin/zsh
Groups      : kali
              dip
              scanner
              lpadmin
              netdev
              users
              dialout
              wireshark
              video
              vboxsf
              cdrom
              adm
              audio
              sudo
              kaboxer
              bluetooth
              plugdev
              floppy
```

```
----- [ System Accounts ] -----
```

```
User       : root
Home folder : /root
Start script : /usr/bin/zsh
```

```
Groups      : root

User        : daemon
Home folder : /usr/sbin
Start script : /usr/sbin/nologin
Groups      : daemon

User        : bin
Home folder : /bin
Start script : /usr/sbin/nologin
Groups      : bin

User        : sys
Home folder : /dev
Start script : /usr/sbin/nologin
Groups      : sys

User        : sync
Home folder : /bin
Start script : /bin/sync
Groups      : nogroup

User        : games
Home folder : /usr/games
Start script : /usr/sbin/nologin
Groups      : games

User        : man
Home folder : /var/cache/man
Start script : /usr/sbin/nologin
Groups      : man

User        : lp
Home folder : /var/spool/lpd
Start script : /usr/sbin/nologin
Groups      : lp

User        : mail
Home folder : /var/mail
Start script : /usr/sbin/nologin
Groups      : mail

User        : news
Home folder : /var/spool/news
Start script : /usr/sbin/nologin
Groups      : news

User        : uucp
Home folder : /var/spool/uucp
Start script : /usr/sbin/nologin
Groups      : uucp

User        : proxy
Home folder : /bin
Start script : /usr/sbin/nologin
Groups      : proxy

User        : www-data
Home folder : /var/www
Start script : /usr/sbin/nologin
Groups      : www-data

User        : backup
Home folder : /var/backups
Start script : /usr/sbin/nologin
Groups      : backup

User        : list
Home folder : /var/list
Start script : /usr/sbin/nologin
```

```
Groups      : list
User        [...]
```

## 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: 2024/12/31

### Plugin Output

tcp/0

Information about this scan :

```
Nessus version : 10.8.4
Nessus build : 20028
Plugin feed version : 202504291626
Scanner edition used : Nessus Home
Scanner OS : LINUX
Scanner distribution : debian10-x86-64
Scan type : Normal
Scan name : metasploitable
```

```
Scan policy used : Basic Network Scan
Scanner IP : 10.0.2.15
Ping RTT : Unavailable
Thorough tests : no
Experimental tests : no
Scan for Unpatched Vulnerabilities : no
Plugin debugging enabled : no
Paranoia level : 1
Report verbosity : 1
Safe checks : yes
Optimize the test : no
Credentialed checks : yes (on the localhost)
Attempt Least Privilege : no
Patch management checks : None
Display superseded patches : yes (supersedence plugin did not launch)
CGI scanning : disabled
Web application tests : disabled
Max hosts : 30
Max checks : 4
Recv timeout : 5
Backports : None
Allow post-scan editing : Yes
Nessus Plugin Signature Checking : Enabled
Audit File Signature Checking : Disabled
Scan Start Date : 2025/4/30 15:51 EDT (UTC -04:00)
Scan duration : 242 sec
Scan for malware : no
```

## 10147 - Nessus Server Detection

### Synopsis

A Nessus daemon is listening on the remote port.

### Description

A Nessus daemon is listening on the remote port.

### See Also

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

### Solution

Ensure that the remote Nessus installation has been authorized.

### Risk Factor

None

### References

XREF IAVT:0001-T-0673

### Plugin Information

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

### Plugin Output

tcp/8834/www

```
URL      : https://10.0.2.15:8834/  
Version  : unknown
```

## 64582 - Netstat Connection Information

### Synopsis

---

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

### Description

---

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

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

### Solution

---

n/a

### Risk Factor

---

None

### Plugin Information

---

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

### Plugin Output

---

tcp/0

## 14272 - Netstat Portscanner (SSH)

### Synopsis

Remote open ports can be enumerated via SSH.

### Description

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

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

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

### See Also

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

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2004/08/15, Modified: 2025/02/19

### Plugin Output

tcp/8834/www

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



## 178771 - Node.js Installed (Linux / UNIX)

### Synopsis

Node.js is installed on the remote Linux / UNIX host.

### Description

Node.js is installed on the remote Linux / UNIX host.

### See Also

<https://nodejs.org>

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2023/07/25, Modified: 2025/04/28

### Plugin Output

tcp/0

```
Path      : /usr/lib/python3/dist-packages/playwright/driver/node
Version   : 20.11.0
```

## 209654 - OS Fingerprints Detected

### Synopsis

Multiple OS fingerprints were detected.

### Description

Using a combination of remote probes (TCP/IP, SMB, HTTP, NTP, SNMP, etc), it was possible to gather one or more fingerprints from the remote system. While the highest-confidence result was reported in plugin 11936, "OS Identification", the complete set of fingerprints detected are reported here.

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2025/02/26, Modified: 2025/03/03

### Plugin Output

tcp/0

Following OS Fingerprints were found

Remote operating system : Linux Kernel 6.12.13-amd64

Confidence level : 99

Method : uname

Type : general-purpose

Fingerprint : uname:Linux kali 6.12.13-amd64 #1 SMP PREEMPT\_DYNAMIC Kali 6.12.13-1kali1 (2025-02-11)  
x86\_64 GNU/Linux

Following fingerprints could not be used to determine OS :

HTTP:::Server: NessusWWW

SSLcert:::i/CN:Nessus Certification Authorityi/O:Nessus Users Unitedi/OU:Nessus Certification  
Authoritys/CN:kalis/O:Nessus Users Uniteds/OU:Nessus Server  
6b2ae39e52379ce54c8aafe3b68fdaa94e5b35d2

## 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: 2025/03/31

### Plugin Output

tcp/0

```
Remote operating system : Linux Kernel 6.12.13-amd64  
Confidence level : 99  
Method : uname
```

```
The remote host is running Linux Kernel 6.12.13-amd64
```

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

### Synopsis

---

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

### Description

---

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

### Solution

---

n/a

### Risk Factor

---

None

### Plugin Information

---

Published: 2017/05/30, Modified: 2025/02/11

### Plugin Output

---

tcp/0

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

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

```
Linux kali 6.12.13-amd64 #1 SMP PREEMPT_DYNAMIC Kali 6.12.13-1kali1 (2025-02-11) x86_64 GNU/Linux
```

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

```
The remote Debian system is :
```

```
kali-rolling
```

```
This is a Kali Linux system
```

```
OS Security Patch Assessment is available for this host.
```

```
Runtime : 1.549362 seconds
```

## 117887 - OS Security Patch Assessment Available

### Synopsis

Nessus was able to log in to the remote host using the provided credentials and enumerate OS security patch levels.

### Description

Nessus was able to determine OS security patch levels by logging into the remote host and running commands to determine the version of the operating system and its components. The remote host was identified as an operating system or device that Nessus supports for patch and update assessment. The necessary information was obtained to perform these checks.

### Solution

n/a

### Risk Factor

None

### References

XREF IAVB:0001-B-0516

### Plugin Information

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

### Plugin Output

tcp/0

```
OS Security Patch Assessment is available.
```

```
Protocol : LOCAL
```

## 148373 - OpenJDK Java Detection (Linux / Unix)

### Synopsis

A distribution of Java is installed on the remote Linux / Unix host.

### Description

One or more instances of OpenJDK Java are installed on the remote host. This may include private JREs bundled with the Java Development Kit (JDK).

### Notes:

- Addition information provided in plugin Java Detection and Identification (Unix)
- Additional instances of Java may be discovered by enabling thorough tests

### See Also

<https://openjdk.java.net/>

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2021/04/07, Modified: 2025/02/12

### Plugin Output

tcp/0

```
Path          : /usr/lib/jvm/java-21-openjdk-amd64/
Version       : 21.0.6
Binary Location : /usr/lib/jvm/java-21-openjdk-amd64/bin/java
Managed by OS  : True
```

## 168007 - OpenSSL Installed (Linux)

### Synopsis

OpenSSL was detected on the remote Linux host.

### Description

OpenSSL was detected on the remote Linux host.

The plugin timeout can be set to a custom value other than the plugin's default of 15 minutes via the 'timeout.168007' scanner setting in Nessus 8.15.1 or later.

Please see <https://docs.tenable.com/nessus/Content/SettingsAdvanced.htm#Custom> for more information.

Note: This plugin leverages the '-maxdepth' find command option, which is a feature implemented by the GNU find binary. If the target does not support this option, such as HP-UX and AIX devices, users will need to enable 'thorough tests' in their scan policy to run the find command without using a '-maxdepth' argument.

### See Also

<https://openssl.org/>

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2022/11/21, Modified: 2025/04/28

### Plugin Output

tcp/0

Nessus detected 4 installs of OpenSSL:

```
Path          : /opt/nessus/bin/openssl
Version       : 3.0.15
Associated Package : nessus
```

```
Path          : /usr/lib/x86_64-linux-gnu/ruby/3.3.0/openssl.so
Version       : 3.4.0
Associated Package : libruby3.3
```

```
Path          : /usr/lib/x86_64-linux-gnu/libcrypto.so.3
```

```
Version      : 3.5.0
Associated Package : libssl3t64

Path         : /usr/bin/openssl
Version      : 3.5.0
Associated Package : openssl 3.5.0-1
Managed by OS  : True
```

We are unable to retrieve version info from the following list of OpenSSL files. However, these installs may include their version within the filename or the filename of the Associated Package.

e.g. libssl.so.3 (OpenSSL 3.x), libssl.so.1.1 (OpenSSL 1.1.x)

/usr/lib/x86\_64-linux-gnu/libssl.so.3



## 232856 - OpenVPN Installed (Linux)

### Synopsis

OpenVPN is installed on the remote Linux host.

### Description

OpenVPN is installed on the remote Linux host.

Note: Enabling the 'Perform thorough tests' setting will search the file system more broadly.

### See Also

<https://openvpn.net/>

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2025/03/19, Modified: 2025/04/28

### Plugin Output

tcp/0

```
Path           : /usr/sbin/openvpn
Version        : 2.6.13
Associated Package : openvpn 2.6.13-1
Managed by OS  : True
```

## 216936 - PHP Scripting Language Installed (Unix)

### Synopsis

The PHP scripting language is installed on the remote Unix host.

### Description

The PHP scripting language is installed on the remote Unix host.

Note: Enabling the 'Perform thorough tests' setting will search the file system much more broadly. Thorough test is required to get results on hosts running MacOS.

### See Also

<https://www.php.net>

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2024/06/13, Modified: 2025/04/28

### Plugin Output

tcp/0

```
Path           : /usr/bin/php8.4
Version        : 8.4.4
Associated Package : php8.4-cli: /usr/bin/php8.4
INI file       : /etc/php/8.4/cli/php.ini
INI source     : PHP binary grep
Managed by OS : True
```

## 179139 - Package Manager Packages Report (nix)

### Synopsis

Reports details about packages installed via package managers.

### Description

Reports details about packages installed via package managers

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2023/08/01, Modified: 2025/03/03

### Plugin Output

tcp/0

```
Successfully retrieved and stored package data.
```

## 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: 2025/04/08

### Plugin Output

tcp/0

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

```
[ Node.js 18.x < 18.20.6 / 20.x < 20.18.2 / 22.x < 22.13.1 / 23.x < 23.6.1 Multiple Vulnerabilities  
(Tuesday, January 21, 2025 Security Releases). (214404) ]
```

```
+ Action to take : Upgrade to Node.js version 18.20.6 / 20.18.2 / 22.13.1 / 23.6.1 or later.
```

```
+Impact : Taking this action will resolve 17 different vulnerabilities (CVEs).
```

```
[ OpenJDK 8 <= 8u442 / 11.0.0 <= 11.0.26 / 17.0.0 <= 17.0.14 / 21.0.0 <= 21.0.6 / 24.0.0 <= 24.0.0  
Multiple Vulnerabilities (2025-04-15) (234472) ]
```

```
+ Action to take : Upgrade to an OpenJDK version greater than 8u442 / 11.0.26 / 17.0.14 / 21.0.6 /  
24.0.0
```

## 130024 - PostgreSQL Client/Server Installed (Linux)

### Synopsis

One or more PostgreSQL server or client versions are available on the remote Linux host.

### Description

One or more PostgreSQL server or client versions have been detected on the remote Linux host.

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2019/10/18, Modified: 2025/04/28

### Plugin Output

tcp/0

```
Path      : /usr/lib/postgresql/17/bin/postgres (via package manager)
Version   : 17.4
```

tcp/0

```
Path      : /usr/lib/postgresql/17/bin/psql (via package manager)
Version   : 17.4
```

## 202184 - Ruby Programming Language Installed (Linux)

### Synopsis

The Ruby programming language is installed on the remote Linux host.

### Description

The Ruby programming language is installed on the remote Linux host.

### See Also

<https://ruby.org/en/>

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2024/07/11, Modified: 2025/04/28

### Plugin Output

tcp/0

```
Path      : package: ruby3.3  3.3.7-1
Version   : 3.3.7
Managed by OS : True
```

## 174788 - SQLite Local Detection (Linux)

### Synopsis

The remote Linux host has SQLite Database software installed.

### Description

Version information for SQLite was retrieved from the remote host. SQLite is an embedded database written in C.

- To discover instances of SQLite that are not in PATH, or installed via a package manager, 'Perform thorough tests' setting must be enabled.

### See Also

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

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2023/04/26, Modified: 2025/04/28

### Plugin Output

tcp/0

```
Nessus detected 2 installs of SQLite:
```

```
Path      : /usr/bin/sqlite3
Version   : unknown
```

```
Path      : /bin/sqlite3
Version   : unknown
```

## 56984 - SSL / TLS Versions Supported

### Synopsis

The remote service encrypts communications.

### Description

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

### Solution

n/a

### Risk Factor

None

### Plugin Information

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

### Plugin Output

tcp/8834/www

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



## 10863 - SSL Certificate Information

### Synopsis

This plugin displays the SSL certificate.

### Description

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

### Solution

n/a

### Risk Factor

None

### Plugin Information

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

### Plugin Output

tcp/8834/www

```
Subject Name:

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

Issuer Name:

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

Serial Number: 00 B3 27

Version: 3

Signature Algorithm: SHA-256 With RSA Encryption

Not Valid Before: Apr 30 08:46:18 2025 GMT
Not Valid After: Apr 29 08:46:18 2029 GMT

Public Key Info:

Algorithm: RSA Encryption
Key Length: 2048 bits
Public Key: 00 99 76 30 B1 FE 49 E2 07 4E 95 3B 9B 5F 55 28 B3 C2 E2 58
```

```
A0 01 9D E5 D4 08 8B A1 7E 3E 73 E6 16 56 51 DB 40 ED 80 24
3F 8D 9B 87 38 B5 7F D0 75 90 CD A1 20 E9 7D DC 0E 9D 1E 5A
73 87 C5 07 51 4A BC 73 9E BE 0D DC BA 46 0E 0F 83 D4 96 99
EA A6 EC 53 55 7C B2 1E 4C B0 C5 E0 43 03 70 04 F5 12 55 8A
DB 64 88 C3 FB 9C 27 A8 37 28 68 01 BC 67 AB 52 4F 18 E1 83
C6 4F 93 96 F4 46 19 B2 7D EA 01 5D 99 98 87 DC 25 F7 36 B6
6E 43 A1 40 52 91 D6 55 2C AE 76 28 7C 0B A7 F8 FF 63 67 3D
48 3D 64 DB C4 55 58 D1 E1 82 4A B4 10 A7 81 52 E4 4A 5C 9E
56 92 6E D9 70 26 8A DA 88 77 12 74 83 55 20 2C 13 3E 82 8E
8A 77 F7 A2 F8 4F E3 85 32 96 C8 72 81 AB 04 39 55 68 90 FD
2B 26 47 0D FA 76 D2 6C A4 8D FE B4 36 66 71 95 0E F4 E6 8B
0A E4 B6 4D 7A 9D 11 EF BA 99 EF 21 55 36 AE 83 3F
```

Exponent: 01 00 01

Signature Length: 256 bytes / 2048 bits

```
Signature: 00 2C 9E E8 49 15 9A 85 A7 95 E5 DC 3D 79 AF C7 EB 52 10 93
87 DE 66 3A FD 4B 7B 21 EE 4C DE 50 81 2B 8A 07 EE BD C2 ED
01 C9 58 AD EF 34 0F FE 23 33 A2 4F C1 DE 1D 48 E8 87 50 3D
A1 12 3B 7D C2 D9 A8 61 2F 3A 1C 86 D6 06 84 1E DF F3 5D 98
62 3D 60 4B 93 E7 16 2A 20 C0 E1 D1 8A 94 81 59 FD D5 BE C2
F5 D8 08 C5 8C 5F 5A A8 06 E9 D6 2B 0E 11 31 9C 06 6F 39 9C
BA B1 71 68 00 71 [...]
```

## 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/8834/www

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

SSL Version : TLSv13

High Strength Ciphers (>= 112-bit key)

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

SSL Version : TLSv12

High Strength Ciphers (>= 112-bit key)

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

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

The fields above are :

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

## 57041 - SSL Perfect Forward Secrecy Cipher Suites Supported

### Synopsis

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

### Description

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

### See Also

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

[https://en.wikipedia.org/wiki/Diffie-Hellman\\_key\\_exchange](https://en.wikipedia.org/wiki/Diffie-Hellman_key_exchange)

[https://en.wikipedia.org/wiki/Perfect\\_forward\\_secrecy](https://en.wikipedia.org/wiki/Perfect_forward_secrecy)

### Solution

n/a

### Risk Factor

None

### Plugin Information

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

### Plugin Output

tcp/8834/www

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

High Strength Ciphers (>= 112-bit key)

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

The fields above are :

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

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

## 22964 - Service Detection

### Synopsis

The remote service could be identified.

### Description

Nessus was able to identify the remote service by its banner or by looking at the error message it sends when it receives an HTTP request.

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2007/08/19, Modified: 2024/03/26

### Plugin Output

tcp/8834/www

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

tcp/8834/www

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

### Synopsis

It was possible to enumerate installed software on the remote host via SSH.

### Description

Nessus was able to list the software installed on the remote host by calling the appropriate command (e.g., 'rpm -qa' on RPM-based Linux distributions, dpkg, etc.).

### Solution

Remove any software that is not in compliance with your organization's acceptable use and security policies.

### Risk Factor

None

### References

XREF IAVT:0001-T-0502

### Plugin Information

Published: 2006/10/15, Modified: 2025/03/26

### Plugin Output

tcp/0

Here is the list of packages installed on the remote Debian Linux system :

```
ii  7zip  24.09+dfsg-5  amd64  7-Zip file archiver with a high compression ratio
ii  accountsservice  23.13.9-7  amd64  query and manipulate user account information
ii  acl  2.3.2-2+b1  amd64  access control list - utilities
ii  adduser  3.137  all  add and remove users and groups
ii  adwaita-icon-theme  47.0-2  all  default icon theme of GNOME
ii  aircrack-ng  1:1.7+git20230807.4bf83f1a-2  amd64  wireless WEP/WPA cracking utilities
ii  alsa-topology-conf  1.2.5.1-3  all  ALSA topology configuration files
ii  alsa-ucm-conf  1.2.13-2  all  ALSA Use Case Manager configuration files
ii  amass  4.2.0-0kali1  amd64  In-depth DNS Enumeration and Network Mapping
ii  amass-common  4.2.0-0kali1  all  In-depth DNS Enumeration and Network Mapping
ii  amd64-microcode  3.20240820.1  amd64  Platform firmware and microcode for AMD CPUs and SoCs
ii  apache2  2.4.63-1  amd64  Apache HTTP Server
ii  apache2-bin  2.4.63-1  amd64  Apache HTTP Server (modules and other binary files)
ii  apache2-data  2.4.63-1  all  Apache HTTP Server (common files)
ii  apache2-utils  2.4.63-1  amd64  Apache HTTP Server (utility programs for web servers)
ii  apparmor  3.1.7-4  amd64  user-space parser utility for AppArmor
ii  apt  2.9.29+kali1  amd64  commandline package manager
ii  apt-file  3.3  all  search for files within Debian packages (command-line interface)
ii  apt-utils  2.9.29+kali1  amd64  package management related utility programs
ii  arj  3.10.22-28  amd64  archiver for .arj files
```



```
ii  arp-scan  1.10.0-2+b1  amd64  arp scanning and fingerprinting tool
ii  arping    2.25-1  amd64  sends IP and/or ARP pings (to the MAC address)
ii  aspell    0.60.8.1-4  amd64  GNU Aspell spell-checker
ii  aspell-en  2020.12.07-0-1  all  English dictionary for GNU Aspell
ii  aspnetcore-runtime-6.0  6.0.8-1  amd64
ii  aspnetcore-targeting-pack-6.0  6.0.9-1  amd64
ii  at-spi2-common  2.55.2-1  all  Assistive [...]
```

## 42822 - Strict Transport Security (STS) Detection

### Synopsis

The remote web server implements Strict Transport Security.

### Description

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

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

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

### See Also

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

### Solution

n/a

### Risk Factor

None

### Plugin Information

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

### Plugin Output

tcp/8834/www

The STS header line is :

```
Strict-Transport-Security: max-age=31536000; includeSubDomains
```

## 136318 - TLS Version 1.2 Protocol Detection

### Synopsis

The remote service encrypts traffic using a version of TLS.

### Description

The remote service accepts connections encrypted using TLS 1.2.

### See Also

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

### Solution

N/A

### Risk Factor

None

### Plugin Information

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

### Plugin Output

tcp/8834/www

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

## 138330 - TLS Version 1.3 Protocol Detection

### Synopsis

The remote service encrypts traffic using a version of TLS.

### Description

The remote service accepts connections encrypted using TLS 1.3.

### See Also

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

### Solution

N/A

### Risk Factor

None

### Plugin Information

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

### Plugin Output

tcp/8834/www

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

## 110095 - Target Credential Issues by Authentication Protocol - No Issues Found

### Synopsis

Nessus was able to log in to the remote host using the provided credentials. No issues were reported with access, privilege, or intermittent failure.

### Description

Valid credentials were provided for an authentication protocol on the remote target and Nessus did not log any subsequent errors or failures for the authentication protocol.

When possible, Nessus tracks errors or failures related to otherwise valid credentials in order to highlight issues that may result in incomplete scan results or limited scan coverage. The types of issues that are tracked include errors that indicate that the account used for scanning did not have sufficient permissions for a particular check, intermittent protocol failures which are unexpected after the protocol has been negotiated successfully earlier in the scan, and intermittent authentication failures which are unexpected after a credential set has been accepted as valid earlier in the scan. This plugin reports when none of the above issues have been logged during the course of the scan for at least one authenticated protocol. See plugin output for details, including protocol, port, and account.

Please note the following :

- This plugin reports per protocol, so it is possible for issues to be encountered for one protocol and not another.

For example, authentication to the SSH service on the remote target may have consistently succeeded with no privilege errors encountered, while connections to the SMB service on the remote target may have failed intermittently.

- Resolving logged issues for all available authentication protocols may improve scan coverage, but the value of resolving each issue for a particular protocol may vary from target to target depending upon what data (if any) is gathered from the target via that protocol and what particular check failed. For example, consistently successful checks via SSH are more critical for Linux targets than for Windows targets, and likewise consistently successful checks via SMB are more critical for Windows targets than for Linux targets.

### Solution

n/a

### Risk Factor

None

### References

XREF IAVB:0001-B-0520

### Plugin Information

Published: 2018/05/24, Modified: 2024/03/25

## Plugin Output

---

tcp/0

```
Nessus was able to execute commands locally with sufficient privileges  
for all planned checks.
```

## 141118 - Target Credential Status by Authentication Protocol - Valid Credentials Provided

### Synopsis

Valid credentials were provided for an available authentication protocol.

### Description

Nessus was able to determine that valid credentials were provided for an authentication protocol available on the remote target because it was able to successfully authenticate directly to the remote target using that authentication protocol at least once. Authentication was successful because the authentication protocol service was available remotely, the service was able to be identified, the authentication protocol was able to be negotiated successfully, and a set of credentials provided in the scan policy for that authentication protocol was accepted by the remote service. See plugin output for details, including protocol, port, and account.

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

### Plugin Information

Published: 2020/10/15, Modified: 2024/03/25

### Plugin Output

tcp/0

```
Nessus was able to execute commands on localhost.
```

## 163326 - Tenable Nessus Installed (Linux)

### Synopsis

Tenable Nessus is installed on the remote Linux host.

### Description

Tenable Nessus is installed on the remote Linux host.

### See Also

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

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2022/07/21, Modified: 2025/04/28

### Plugin Output

tcp/0

```
Path      : /opt/nessus
Version   : 10.8.4
Build     : 20028
```



## 56468 - Time of Last System Startup

### Synopsis

The system has been started.

### Description

Using the supplied credentials, Nessus was able to determine when the host was last started.

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2011/10/12, Modified: 2018/06/19

### Plugin Output

tcp/0

```
The host has not yet been rebooted.
```

## 192709 - Tukaani XZ Utils Installed (Linux / Unix)

### Synopsis

Tukaani XZ Utils is installed on the remote Linux / Unix host.

### Description

Tukaani XZ Utils is installed on the remote Linux / Unix host.

XZ Utils consists of several components, including:

- liblzma
- xz

Additional information:

- More paths will be searched and the timeout for the search will be increased if 'Perform thorough tests' setting is enabled.
- The plugin timeout can be set to a custom value other than the plugin's default of 30 minutes via the 'timeout.192709' scanner setting in Nessus 8.15.1 or later.

Please see <https://docs.tenable.com/nessus/Content/SettingsAdvanced.htm#Custom> for more information.

### See Also

<https://xz.tukaani.org/xz-utils/>

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2024/03/29, Modified: 2025/04/28

### Plugin Output

tcp/0

```
Nessus detected 2 installs of XZ Utils:

Path           : /usr/lib/x86_64-linux-gnu/liblzma.so.5.6.3
Version        : 5.6.3
Associated Package : liblzma5 5.6.3-1
Confidence     : High
```

```
Managed by OS      : True
Version Source     : Package

Path               : /usr/bin/xz
Version            : 5.6.3
Associated Package : xz-utils 5.6.3-1
Confidence         : High
Managed by OS     : True
Version Source     : Package
```

## 110483 - Unix / Linux Running Processes Information

### Synopsis

Uses `/bin/ps auxww` command to obtain the list of running processes on the target machine at scan time.

### Description

Generated report details the running processes on the target machine at scan time.

This plugin is informative only and could be used for forensic investigation, malware detection, and to confirm that your system processes conform to your system policies.

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2018/06/12, Modified: 2023/11/27

### Plugin Output

tcp/0

USER	PID	%CPU	%MEM	VSZ	RSS	TTY	STAT	START	TIME	COMMAND
root	1	0.0	0.3	23636	14072	?	Ss	14:23	0:00	/sbin/init splash
root	2	0.0	0.0	0	0	?	S	14:23	0:00	[kthreadd]
root	3	0.0	0.0	0	0	?	S	14:23	0:00	[pool_workqueue_release]
root	4	0.0	0.0	0	0	?	I<	14:23	0:00	[kworker/R-rcu_gp]
root	5	0.0	0.0	0	0	?	I<	14:23	0:00	[kworker/R-sync_wq]
root	6	0.0	0.0	0	0	?	I<	14:23	0:00	[kworker/R-slub_flushwq]
root	7	0.0	0.0	0	0	?	I<	14:23	0:00	[kworker/R-netns]
root	10	0.0	0.0	0	0	?	I<	14:23	0:00	[kworker/0:0H-events_highpri]
root	11	0.0	0.0	0	0	?	I	14:23	0:00	[kworker/u12:0-ipv6_addrconf]
root	12	0.0	0.0	0	0	?	I<	14:23	0:00	[kworker/R-mm_percpu_wq]
root	13	0.0	0.0	0	0	?	I	14:23	0:00	[rcu_tasks_kthread]
root	14	0.0	0.0	0	0	?	I	14:23	0:00	[rcu_tasks_rude_kthread]
root	15	0.0	0.0	0	0	?	I	14:23	0:00	[rcu_tasks_trace_kthread]
root	16	0.0	0.0	0	0	?	S	14:23	0:00	[ksoftirqd/0]
root	17	0.0	0.0	0	0	?	I	14:23	0:01	[rcu_preempt]
root	18	0.0	0.0	0	0	?	S	14:23	0:00	[rcu_exp_par_gp_kthread_worker/0]
root	19	0.0	0.0	0	0	?	S	14:23	0:00	[rcu_exp_gp_kthread_worker]
root	20	0.0	0.0	0	0	?	S	14:23	0:00	[migration/0]
root	21	0.0	0.0	0	0	?	S	14:23	0:00	[idle_inject/0]
root	22	0.0	0.0	0	0	?	S	14:23	0:00	[cpuhp/0]
root	23	0.0	0.0	0	0	?	S	14:23	0:00	[cpuhp/1]
root	24	0.0	0.0	0	0	?	S	14:23	0:00	[idle_inject/1]
root	25	0.0	0.0	0	0	?	S	[...]		

## 152742 - Unix Software Discovery Commands Available

### Synopsis

Nessus was able to log in to the remote host using the provided credentials and is able to execute all commands used to find unmanaged software.

### Description

Nessus was able to determine that it is possible for plugins to find and identify versions of software on the target host. Software that is not managed by the operating system is typically found and characterized using these commands. This was measured by running commands used by unmanaged software plugins and validating their output against expected results.

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2021/08/23, Modified: 2021/08/23

### Plugin Output

tcp/0

```
Unix software discovery checks are available.
```

```
Protocol : LOCAL
```

## 189731 - Vim Installed (Linux)

### Synopsis

Vim is installed on the remote Linux host.

### Description

Vim is installed on the remote Linux host.

### See Also

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

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2024/01/29, Modified: 2025/04/28

### Plugin Output

tcp/0

```
Nessus detected 2 installs of Vim:
```

```
Path    : /usr/bin/vim.tiny
Version : 9.1
```

```
Path    : /usr/bin/vim.basic
Version : 9.1
```

## 182848 - libcurl Installed (Linux / Unix)

### Synopsis

libcurl is installed on the remote Linux / Unix host.

### Description

libcurl is installed on the remote Linux / Unix host.

Additional information:

- More paths will be searched and the timeout for the search will be increased if 'Perform thorough tests' setting is enabled.
- The plugin timeout can be set to a custom value other than the plugin's default of 30 minutes via the 'timeout.182848' scanner setting in Nessus 8.15.1 or later.

Please see <https://docs.tenable.com/nessus/Content/SettingsAdvanced.htm#Custom> for more information.

### See Also

<https://curl.se/>

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2023/10/10, Modified: 2025/04/28

### Plugin Output

tcp/0

```
Nessus detected 2 installs of libcurl:

Path          : /usr/lib/x86_64-linux-gnu/libcurl.so.4.8.0
Version       : 8.12.1
Associated Package : libcurl4t64

Path          : /usr/lib/x86_64-linux-gnu/libcurl-gnutls.so.4.8.0
Version       : 8.12.1
Associated Package : libcurl3t64-gnutls
```

## 204828 - libexiv2 Installed (Linux / Unix)

### Synopsis

libexiv2 is installed on the remote Linux / Unix host.

### Description

libexiv2 is installed on the remote Linux / Unix host.

### Additional information:

- More paths will be searched and the timeout for the search will be increased if 'Perform thorough tests' setting is enabled.
- The plugin timeout can be set to a custom value other than the plugin's default of 30 minutes via the 'timeout.204828' scanner setting in Nessus 8.15.1 or later.

Please see <https://docs.tenable.com/nessus/Content/SettingsAdvanced.htm#Custom> for more information.

### See Also

<https://exiv2.org/>

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2024/07/29, Modified: 2025/04/28

### Plugin Output

tcp/0

```
Path          : /usr/lib/x86_64-linux-gnu/libexiv2.so.0.28.4
Version       : 0.28.4
Associated Package : libexiv2-28 0.28.4
Managed by OS   : True
```



## 136340 - nginx Installed (Linux/UNIX)

### Synopsis

NGINX is installed on the remote Linux / Unix host.

### Description

NGINX, a web server with load balancing capabilities, is installed on the remote Linux / Unix host.

### See Also

<https://www.nginx.com>

### Solution

n/a

### Risk Factor

None

### Plugin Information

Published: 2020/05/05, Modified: 2025/04/28

### Plugin Output

tcp/0

Nessus detected 2 installs of nginx:

```
Path      : nginx (via package manager)
Version   : 1.26.3-2

Path      : /usr/sbin/nginx
Version   : 1.26.3
Associated Package : nginx: /usr/sbin/nginx
Detection Method  : Binary in $PATH
Full Version     : 1.26.3
Managed by OS    : True
Nginx Plus       : False
```