

Scan Report

June 7, 2023

Summary

This document reports on the results of an automatic security scan. All dates are displayed using the timezone “Coordinated Universal Time”, which is abbreviated “UTC”. The task was “NoobBox-1”. The scan started at Mon Jun 5 09:32:38 2023 UTC and ended at Mon Jun 5 09:39:36 2023 UTC. The report first summarises the results found. Then, for each host, the report describes every issue found. Please consider the advice given in each description, in order to rectify the issue.

Contents

1	Result Overview	2
2	Results per Host	2
2.1	192.168.64.21	2
2.1.1	High 80/tcp	2
2.1.2	Medium 80/tcp	26
2.1.3	Low general/icmp	42
2.1.4	Low general/tcp	43

1 Result Overview

Host	High	Medium	Low	Log	False Positive
192.168.64.21	17	13	2	0	0
Total: 1	17	13	2	0	0

Vendor security updates are not trusted.

Overrides are off. Even when a result has an override, this report uses the actual threat of the result.

Information on overrides is included in the report.

Notes are included in the report.

This report might not show details of all issues that were found.

Issues with the threat level “Log” are not shown.

Issues with the threat level “Debug” are not shown.

Issues with the threat level “False Positive” are not shown.

This report contains all 32 results selected by the filtering described above. Before filtering there were 48 results.

2 Results per Host

2.1 192.168.64.21

Host scan start Mon Jun 5 09:33:07 2023 UTC

Host scan end Mon Jun 5 09:39:31 2023 UTC

Service (Port)	Threat Level
80/tcp	High
80/tcp	Medium
general/icmp	Low
general/tcp	Low

2.1.1 High 80/tcp

High (CVSS: 9.8)

NVT: Apache HTTP Server < 2.4.49 Multiple Vulnerabilities - Linux

Product detection result

cpe:/a:apache:http_server:2.4.38

Detected by Apache HTTP Server Detection Consolidation (OID: 1.3.6.1.4.1.25623.1
↔.0.117232)

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Summary Apache HTTP Server is prone to multiple vulnerabilities.
Vulnerability Detection Result Installed version: 2.4.38 Fixed version: 2.4.49 Installation path / port: 80/tcp
Solution: Solution type: VendorFix Update to version 2.4.49 or later.
Affected Software/OS Apache HTTP Server version 2.4.48 and prior.
Vulnerability Insight The following vulnerabilities exist: - CVE-2021-34798: NULL pointer dereference in httpd core - CVE-2021-39275: ap_escape_quotes buffer overflow - CVE-2021-40438: mod_proxy SSRF
Vulnerability Detection Method Checks if a vulnerable version is present on the target host. Details: Apache HTTP Server < 2.4.49 Multiple Vulnerabilities - Linux OID:1.3.6.1.4.1.25623.1.0.146725 Version used: 2022-08-09T10:11:17Z
Product Detection Result Product: cpe:/a:apache:http_server:2.4.38 Method: Apache HTTP Server Detection Consolidation OID: 1.3.6.1.4.1.25623.1.0.117232)
References cve: CVE-2021-34798 cve: CVE-2021-39275 cve: CVE-2021-40438 cisa: Known Exploited Vulnerability (KEV) catalog url: https://www.cisa.gov/known-exploited-vulnerabilities-catalog url: https://httpd.apache.org/security/vulnerabilities_24.html cert-bund: WID-SEC-2023-1016 cert-bund: WID-SEC-2022-1298 cert-bund: WID-SEC-2022-1189 cert-bund: WID-SEC-2022-0724
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cert-bund: WID-SEC-2022-0190
cert-bund: CB-K22/0476
cert-bund: CB-K22/0465
cert-bund: CB-K22/0463
cert-bund: CB-K21/0992
dfn-cert: DFN-CERT-2023-0881
dfn-cert: DFN-CERT-2022-2405
dfn-cert: DFN-CERT-2022-2167
dfn-cert: DFN-CERT-2022-0904
dfn-cert: DFN-CERT-2022-0878
dfn-cert: DFN-CERT-2022-0872
dfn-cert: DFN-CERT-2022-0869
dfn-cert: DFN-CERT-2022-0672
dfn-cert: DFN-CERT-2022-0207
dfn-cert: DFN-CERT-2022-0119
dfn-cert: DFN-CERT-2022-0098
dfn-cert: DFN-CERT-2021-2629
dfn-cert: DFN-CERT-2021-2471
dfn-cert: DFN-CERT-2021-2185
dfn-cert: DFN-CERT-2021-2164
dfn-cert: DFN-CERT-2021-2153
dfn-cert: DFN-CERT-2021-2098
dfn-cert: DFN-CERT-2021-2090
dfn-cert: DFN-CERT-2021-2047
dfn-cert: DFN-CERT-2021-2020
dfn-cert: DFN-CERT-2021-1961

```

High (CVSS: 9.8)

NVT: Apache HTTP Server <= 2.4.52 Multiple Vulnerabilities - Linux

Product detection result

cpe:/a:apache:http_server:2.4.38

Detected by Apache HTTP Server Detection Consolidation (OID: 1.3.6.1.4.1.25623.1
↪.0.117232)**Summary**

Apache HTTP Server is prone to multiple vulnerabilities.

Vulnerability Detection Result

Installed version: 2.4.38

Fixed version: 2.4.53

Installation

path / port: 80/tcp

Solution:

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Solution type: VendorFix	Update to version 2.4.53 or later.
Affected Software/OS	Apache HTTP Server version 2.4.52 and prior.
Vulnerability Insight	<p>The following vulnerabilities exist:</p> <ul style="list-style-type: none"> - CVE-2022-22719: mod_lua Use of uninitialized value of in r:parsebody - CVE-2022-22720: HTTP request smuggling vulnerability - CVE-2022-22721: Possible buffer overflow with very large or unlimited LimitXMLRequestBody - CVE-2022-23943: mod_sed: Read/write beyond bounds
Vulnerability Detection Method	<p>Checks if a vulnerable version is present on the target host.</p> <p>Details: Apache HTTP Server <= 2.4.52 Multiple Vulnerabilities - Linux</p> <p>OID: 1.3.6.1.4.1.25623.1.0.113837</p> <p>Version used: 2022-03-21T03:03:41Z</p>
Product Detection Result	<p>Product: cpe:/a:apache:http_server:2.4.38</p> <p>Method: Apache HTTP Server Detection Consolidation</p> <p>OID: 1.3.6.1.4.1.25623.1.0.117232)</p>
References	<p>cve: CVE-2022-22719</p> <p>cve: CVE-2022-22720</p> <p>cve: CVE-2022-22721</p> <p>cve: CVE-2022-23943</p> <p>url: https://httpd.apache.org/security/vulnerabilities_24.html#2.4.53</p> <p>cert-bund: WID-SEC-2022-1772</p> <p>cert-bund: WID-SEC-2022-1335</p> <p>cert-bund: WID-SEC-2022-1228</p> <p>cert-bund: WID-SEC-2022-1161</p> <p>cert-bund: WID-SEC-2022-1057</p> <p>cert-bund: WID-SEC-2022-0898</p> <p>cert-bund: WID-SEC-2022-0799</p> <p>cert-bund: WID-SEC-2022-0755</p> <p>cert-bund: WID-SEC-2022-0646</p> <p>cert-bund: WID-SEC-2022-0432</p> <p>cert-bund: WID-SEC-2022-0302</p> <p>cert-bund: WID-SEC-2022-0290</p> <p>cert-bund: CB-K22/0619</p> <p>cert-bund: CB-K22/0306</p> <p>dfn-cert: DFN-CERT-2022-2799</p>
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dfn-cert: DFN-CERT-2022-2509
dfn-cert: DFN-CERT-2022-2305
dfn-cert: DFN-CERT-2022-2167
dfn-cert: DFN-CERT-2022-1116
dfn-cert: DFN-CERT-2022-1115
dfn-cert: DFN-CERT-2022-1114
dfn-cert: DFN-CERT-2022-0899
dfn-cert: DFN-CERT-2022-0898
dfn-cert: DFN-CERT-2022-0865
dfn-cert: DFN-CERT-2022-0747
dfn-cert: DFN-CERT-2022-0678
dfn-cert: DFN-CERT-2022-0582
```

High (CVSS: 9.8)

NVT: Apache HTTP Server 2.4.0 - 2.4.46 Multiple Vulnerabilities - Linux

Product detection result

cpe:/a:apache:http_server:2.4.38

Detected by Apache HTTP Server Detection Consolidation (OID: 1.3.6.1.4.1.25623.1 ↪.0.117232)

Summary

Apache HTTP Server is prone to multiple vulnerabilities.

Vulnerability Detection Result

Installed version: 2.4.38

Fixed version: 2.4.48

Installation

path / port: 80/tcp

Impact

- CVE-2020-35452: A specially crafted Digest nonce can cause a stack overflow in mod_auth_digest.
- CVE-2021-26690: A specially crafted Cookie header handled by mod_session can cause a NULL pointer dereference and crash, leading to a possible Denial Of Service.
- CVE-2021-26691: A specially crafted SessionHeader sent by an origin server could cause a heap overflow.

Solution:**Solution type:** VendorFix

Update to version 2.4.48 or later.

Affected Software/OS

Apache HTTP Server versions 2.4.0 to 2.4.46 on Linux.

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Vulnerability Insight

The following vulnerabilities exist:

- CVE-2020-35452: mod_auth_digest possible stack overflow by one null byte
- CVE-2021-26690: mod_session NULL pointer dereference
- CVE-2021-26691: mod_session response handling heap overflow

Vulnerability Detection Method

Checks if a vulnerable version is present on the target host.

Details: Apache HTTP Server 2.4.0 - 2.4.46 Multiple Vulnerabilities - Linux

OID:1.3.6.1.4.1.25623.1.0.112897

Version used: 2021-08-24T09:01:06Z

Product Detection Result

Product: cpe:/a:apache:http_server:2.4.38

Method: Apache HTTP Server Detection Consolidation

OID: 1.3.6.1.4.1.25623.1.0.117232)

References

cve: CVE-2020-35452

cve: CVE-2021-26690

cve: CVE-2021-26691

url: https://httpd.apache.org/security/vulnerabilities_24.html

cert-bund: WID-SEC-2022-0438

cert-bund: WID-SEC-2022-0190

cert-bund: CB-K22/0072

cert-bund: CB-K21/1092

cert-bund: CB-K21/1090

cert-bund: CB-K21/0646

dfn-cert: DFN-CERT-2022-1047

dfn-cert: DFN-CERT-2022-0207

dfn-cert: DFN-CERT-2022-0122

dfn-cert: DFN-CERT-2022-0098

dfn-cert: DFN-CERT-2021-2394

dfn-cert: DFN-CERT-2021-2365

dfn-cert: DFN-CERT-2021-2300

dfn-cert: DFN-CERT-2021-2187

dfn-cert: DFN-CERT-2021-2153

dfn-cert: DFN-CERT-2021-1467

dfn-cert: DFN-CERT-2021-1412

dfn-cert: DFN-CERT-2021-1355

dfn-cert: DFN-CERT-2021-1340

dfn-cert: DFN-CERT-2021-1333

dfn-cert: DFN-CERT-2021-1321

dfn-cert: DFN-CERT-2021-1273

<p>High (CVSS: 9.8) NVT: Apache HTTP Server <= 2.4.51 Buffer Overflow Vulnerability - Linux</p>
<p>Product detection result cpe:/a:apache:http_server:2.4.38 Detected by Apache HTTP Server Detection Consolidation (OID: 1.3.6.1.4.1.25623.1.0.117232)</p>
<p>Summary Apache HTTP Server is prone to a buffer overflow vulnerability.</p>
<p>Vulnerability Detection Result Installed version: 2.4.38 Fixed version: 2.4.52 Installation path / port: 80/tcp</p>
<p>Solution: Solution type: VendorFix Update to version 2.4.52 or later.</p>
<p>Affected Software/OS Apache HTTP Server versions through 2.4.51.</p>
<p>Vulnerability Insight A carefully crafted request body can cause a buffer overflow in the mod_lua multipart parser (r:parsebody()) called from Lua scripts).</p>
<p>Vulnerability Detection Method Checks if a vulnerable version is present on the target host. Details: Apache HTTP Server <= 2.4.51 Buffer Overflow Vulnerability - Linux OID:1.3.6.1.4.1.25623.1.0.117856 Version used: 2021-12-23T12:12:57Z</p>
<p>Product Detection Result Product: cpe:/a:apache:http_server:2.4.38 Method: Apache HTTP Server Detection Consolidation OID: 1.3.6.1.4.1.25623.1.0.117232)</p>
<p>References cve: CVE-2021-44790 url: https://httpd.apache.org/security/vulnerabilities_24.html cert-bund: WID-SEC-2022-1908 cert-bund: WID-SEC-2022-1767 cert-bund: WID-SEC-2022-1057</p>
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cert-bund: WID-SEC-2022-0727 cert-bund: WID-SEC-2022-0432 cert-bund: WID-SEC-2022-0302 cert-bund: WID-SEC-2022-0190 cert-bund: CB-K22/0619 cert-bund: CB-K21/1296 dfn-cert: DFN-CERT-2022-1116 dfn-cert: DFN-CERT-2022-1115 dfn-cert: DFN-CERT-2022-1114 dfn-cert: DFN-CERT-2022-0747 dfn-cert: DFN-CERT-2022-0369 dfn-cert: DFN-CERT-2022-0192 dfn-cert: DFN-CERT-2022-0098 dfn-cert: DFN-CERT-2022-0068 dfn-cert: DFN-CERT-2021-2656

High (CVSS: 9.8)

NVT: Apache HTTP Server 2.4.32 < 2.4.44 mod_proxy_uwsgi Buffer Overflow Vulnerability (Linux)

Product detection result

cpe:/a:apache:http_server:2.4.38

Detected by Apache HTTP Server Detection Consolidation (OID: 1.3.6.1.4.1.25623.1 ↪.0.117232)

Summary

Apache HTTP Server is prone to a buffer overflow vulnerability in mod_proxy_uwsgi.

Vulnerability Detection Result

Installed version: 2.4.38

Fixed version: 2.4.44

Installation

path / port: 80/tcp

Solution:

Solution type: VendorFix

Update to version 2.4.44 or later.

Affected Software/OS

Apache HTTP Server version 2.4.32 to 2.4.43.

Vulnerability Insight

mod_proxy_uwsgi is prone to an information disclosure and possible remote code execution vulnerability.

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Vulnerability Detection Method Checks if a vulnerable version is present on the target host. Details: Apache HTTP Server 2.4.32 < 2.4.44 mod_proxy_uwsgi Buffer Overflow Vulnerabilit. ↔.. OID:1.3.6.1.4.1.25623.1.0.144374 Version used: 2021-07-22T02:00:50Z
Product Detection Result Product: cpe:/a:apache:http_server:2.4.38 Method: Apache HTTP Server Detection Consolidation OID: 1.3.6.1.4.1.25623.1.0.117232)
References cve: CVE-2020-11984 url: https://httpd.apache.org/security/vulnerabilities_24.html cert-bund: WID-SEC-2023-1048 cert-bund: WID-SEC-2023-0063 cert-bund: CB-K21/0071 cert-bund: CB-K21/0068 cert-bund: CB-K21/0067 cert-bund: CB-K21/0059 cert-bund: CB-K20/0798 dfn-cert: DFN-CERT-2022-0074 dfn-cert: DFN-CERT-2021-1069 dfn-cert: DFN-CERT-2021-0135 dfn-cert: DFN-CERT-2020-2628 dfn-cert: DFN-CERT-2020-2345 dfn-cert: DFN-CERT-2020-2006 dfn-cert: DFN-CERT-2020-1908 dfn-cert: DFN-CERT-2020-1854 dfn-cert: DFN-CERT-2020-1793 dfn-cert: DFN-CERT-2020-1744

High (CVSS: 9.8)

NVT: Apache HTTP Server < 2.4.54 Multiple Vulnerabilities - Linux

Product detection result

cpe:/a:apache:http_server:2.4.38

Detected by Apache HTTP Server Detection Consolidation (OID: 1.3.6.1.4.1.25623.1
↔.0.117232)

Summary

Apache HTTP Server is prone to multiple vulnerabilities.

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Vulnerability Detection Result Installed version: 2.4.38 Fixed version: 2.4.54 Installation path / port: 80/tcp
Solution: Solution type: VendorFix Update to version 2.4.54 or later.
Affected Software/OS Apache HTTP Server version 2.4.53 and prior.
Vulnerability Insight The following vulnerabilities exist: - CVE-2022-26377: mod_proxy_ajp: Possible request smuggling - CVE-2022-28614: Read beyond bounds via ap_rwrite() - CVE-2022-28615: Read beyond bounds in ap_stremp_match() - CVE-2022-29404: Denial of service in mod_lua r:parsebody - CVE-2022-30556: Information disclosure in mod_lua with websockets - CVE-2022-31813: mod_proxy X-Forwarded-For dropped by hop-by-hop mechanism
Vulnerability Detection Method Checks if a vulnerable version is present on the target host. Details: Apache HTTP Server < 2.4.54 Multiple Vulnerabilities - Linux OID:1.3.6.1.4.1.25623.1.0.148252 Version used: 2022-06-20T03:04:15Z
Product Detection Result Product: cpe:/a:apache:http_server:2.4.38 Method: Apache HTTP Server Detection Consolidation OID: 1.3.6.1.4.1.25623.1.0.117232)
References cve: CVE-2022-26377 cve: CVE-2022-28614 cve: CVE-2022-28615 cve: CVE-2022-29404 cve: CVE-2022-30556 cve: CVE-2022-31813 url: https://httpd.apache.org/security/vulnerabilities_24.html#2.4.54 cert-bund: WID-SEC-2023-0134 cert-bund: WID-SEC-2023-0132 cert-bund: WID-SEC-2022-1767
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cert-bund: WID-SEC-2022-1766
cert-bund: WID-SEC-2022-1764
cert-bund: WID-SEC-2022-0858
cert-bund: WID-SEC-2022-0192
cert-bund: CB-K22/0692
dfn-cert: DFN-CERT-2023-0119
dfn-cert: DFN-CERT-2022-2799
dfn-cert: DFN-CERT-2022-2789
dfn-cert: DFN-CERT-2022-2652
dfn-cert: DFN-CERT-2022-2509
dfn-cert: DFN-CERT-2022-2310
dfn-cert: DFN-CERT-2022-2167
dfn-cert: DFN-CERT-2022-1837
dfn-cert: DFN-CERT-2022-1833
dfn-cert: DFN-CERT-2022-1720
dfn-cert: DFN-CERT-2022-1353
dfn-cert: DFN-CERT-2022-1296

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High (CVSS: 9.1)

NVT: Apache HTTP Server Memory Access Vulnerability (Linux)

Product detection result

cpe:/a:apache:http_server:2.4.38

Detected by Apache HTTP Server Detection Consolidation (OID: 1.3.6.1.4.1.25623.1
↔.0.117232)**Summary**

Apache HTTP Server is prone to a memory access vulnerability.

Vulnerability Detection Result

Installed version: 2.4.38

Fixed version: 2.4.41

Installation

path / port: 80/tcp

Solution:**Solution type:** VendorFix

Update to version 2.4.41 or later.

Affected Software/OS

Apache HTTP Server version 2.4.18 to 2.4.39.

Vulnerability Insight

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Using fuzzed network input, the http/2 session handling could be made to read memory after being freed during connection shutdown.
Vulnerability Detection Method Checks if a vulnerable version is present on the target host. Details: Apache HTTP Server Memory Access Vulnerability (Linux) OID: 1.3.6.1.4.1.25623.1.0.114149 Version used: 2021-09-02T13:01:30Z
Product Detection Result Product: cpe:/a:apache:http_server:2.4.38 Method: Apache HTTP Server Detection Consolidation OID: 1.3.6.1.4.1.25623.1.0.117232)
References cve: CVE-2019-10082 url: https://httpd.apache.org/security/vulnerabilities_24.html cert-bund: WID-SEC-2022-0757 cert-bund: CB-K20/0708 cert-bund: CB-K19/0909 cert-bund: CB-K19/0728 dfn-cert: DFN-CERT-2022-1610 dfn-cert: DFN-CERT-2020-2422 dfn-cert: DFN-CERT-2020-0716 dfn-cert: DFN-CERT-2019-1810 dfn-cert: DFN-CERT-2019-1751
High (CVSS: 8.2) NVT: Apache HTTP Server 2.4.7 - 2.4.51 Multiple Vulnerabilities - Linux
Product detection result cpe:/a:apache:http_server:2.4.38 Detected by Apache HTTP Server Detection Consolidation (OID: 1.3.6.1.4.1.25623.1 ↪.0.117232)
Summary Apache HTTP Server is prone to multiple vulnerabilities.
Vulnerability Detection Result Installed version: 2.4.38 Fixed version: 2.4.52 Installation path / port: 80/tcp
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Solution:	
Solution type: VendorFix	
Update to version 2.4.52 or later.	
Affected Software/OS	
Apache HTTP Server version 2.4.7 through 2.4.51.	
Vulnerability Insight	
A crafted URI sent to httpd configured as a forward proxy (ProxyRequests on) can cause a crash (NULL pointer dereference) or, for configurations mixing forward and reverse proxy declarations, can allow for requests to be directed to a declared Unix Domain Socket endpoint (Server Side Request Forgery).	
Vulnerability Detection Method	
Checks if a vulnerable version is present on the target host.	
Details: Apache HTTP Server 2.4.7 - 2.4.51 Multiple Vulnerabilities - Linux	
OID:1.3.6.1.4.1.25623.1.0.117854	
Version used: 2021-12-23T12:12:57Z	
Product Detection Result	
Product: cpe:/a:apache:http_server:2.4.38	
Method: Apache HTTP Server Detection Consolidation	
OID: 1.3.6.1.4.1.25623.1.0.117232)	
References	
cve: CVE-2021-44224	
url: https://httpd.apache.org/security/vulnerabilities_24.html	
cert-bund: WID-SEC-2022-1057	
cert-bund: WID-SEC-2022-0727	
cert-bund: WID-SEC-2022-0432	
cert-bund: WID-SEC-2022-0302	
cert-bund: CB-K22/0619	
cert-bund: CB-K21/1296	
dfn-cert: DFN-CERT-2022-2405	
dfn-cert: DFN-CERT-2022-2167	
dfn-cert: DFN-CERT-2022-1116	
dfn-cert: DFN-CERT-2022-1115	
dfn-cert: DFN-CERT-2022-1114	
dfn-cert: DFN-CERT-2022-1047	
dfn-cert: DFN-CERT-2022-0872	
dfn-cert: DFN-CERT-2022-0068	
dfn-cert: DFN-CERT-2021-2656	

High (CVSS: 7.8) NVT: Apache HTTP Server < 2.4.39 Privilege Escalation Vulnerability (Linux)
Product detection result cpe:/a:apache:http_server:2.4.38 Detected by Apache HTTP Server Detection Consolidation (OID: 1.3.6.1.4.1.25623.1 ↔.0.117232)
Summary In Apache HTTP Server, with MPM event, worker or prefork, code executing in less-privileged child processes or threads (including scripts executed by an in-process scripting interpreter) could execute arbitrary code with the privileges of the parent process (usually root) by manipulating the scoreboard. Non-Unix systems are not affected.
Vulnerability Detection Result Installed version: 2.4.38 Fixed version: 2.4.39 Installation path / port: 80/tcp
Solution: Solution type: VendorFix Update to version 2.4.39 or later.
Affected Software/OS Apache HTTP Server version 2.4.38 and prior.
Vulnerability Detection Method Checks if a vulnerable version is present on the target host. Details: Apache HTTP Server < 2.4.39 Privilege Escalation Vulnerability (Linux) OID:1.3.6.1.4.1.25623.1.0.142219 Version used: 2022-08-09T10:11:17Z
Product Detection Result Product: cpe:/a:apache:http_server:2.4.38 Method: Apache HTTP Server Detection Consolidation OID: 1.3.6.1.4.1.25623.1.0.117232)
References cve: CVE-2019-0211 cisa: Known Exploited Vulnerability (KEV) catalog url: https://www.cisa.gov/known-exploited-vulnerabilities-catalog url: https://httpd.apache.org/security/vulnerabilities_24.html cert-bund: CB-K19/0623 cert-bund: CB-K19/0615
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cert-bund: CB-K19/0267 dfn-cert: DFN-CERT-2020-1473 dfn-cert: DFN-CERT-2019-1519 dfn-cert: DFN-CERT-2019-1455 dfn-cert: DFN-CERT-2019-1238 dfn-cert: DFN-CERT-2019-1101 dfn-cert: DFN-CERT-2019-0915 dfn-cert: DFN-CERT-2019-0911 dfn-cert: DFN-CERT-2019-0815 dfn-cert: DFN-CERT-2019-0753 dfn-cert: DFN-CERT-2019-0687 dfn-cert: DFN-CERT-2019-0676

High (CVSS: 7.5) NVT: Apache HTTP Server < 2.4.48 NULL Pointer Dereference Vulnerability - Linux
Product detection result cpe:/a:apache:http_server:2.4.38 Detected by Apache HTTP Server Detection Consolidation (OID: 1.3.6.1.4.1.25623.1 ↪.0.117232)
Summary Apache HTTP Server is prone to a NULL pointer dereference vulnerability.
Vulnerability Detection Result Installed version: 2.4.38 Fixed version: 2.4.48 Installation path / port: 80/tcp
Impact Successful exploitation will allow an attacker to crash the server.
Solution: Solution type: VendorFix Update to version 2.4.48 or later.
Affected Software/OS Apache HTTP Server before version 2.4.48 on Linux.
Vulnerability Insight ... continues on next page ...

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<p>Apache HTTP Server protocol handler for the HTTP/2 protocol checks received request headers against the size limitations as configured for the server and used for the HTTP/1 protocol as well. On violation of these restrictions an HTTP response is sent to the client with a status code indicating why the request was rejected.</p> <p>This rejection response was not fully initialised in the HTTP/2 protocol handler if the offending header was the very first one received or appeared in a footer. This led to a NULL pointer dereference on initialised memory, crashing reliably the child process.</p>
<p>Vulnerability Detection Method</p> <p>Checks if a vulnerable version is present on the target host.</p> <p>Details: Apache HTTP Server < 2.4.48 NULL Pointer Dereference Vulnerability - Linux OID:1.3.6.1.4.1.25623.1.0.112905 Version used: 2021-08-24T06:00:58Z</p>
<p>Product Detection Result</p> <p>Product: cpe:/a:apache:http_server:2.4.38 Method: Apache HTTP Server Detection Consolidation OID: 1.3.6.1.4.1.25623.1.0.117232)</p>
<p>References</p> <p>cve: CVE-2021-31618 url: https://httpd.apache.org/security/vulnerabilities_24.html cert-bund: CB-K21/0611 dfn-cert: DFN-CERT-2021-1549 dfn-cert: DFN-CERT-2021-1467 dfn-cert: DFN-CERT-2021-1355 dfn-cert: DFN-CERT-2021-1333 dfn-cert: DFN-CERT-2021-1329 dfn-cert: DFN-CERT-2021-1276 dfn-cert: DFN-CERT-2021-1273</p>
<p>High (CVSS: 7.5) NVT: Apache HTTP Server 2.4.20 < 2.4.44 Multiple Vulnerabilities (Linux)</p>
<p>Product detection result</p> <p>cpe:/a:apache:http_server:2.4.38 Detected by Apache HTTP Server Detection Consolidation (OID: 1.3.6.1.4.1.25623.1 ↪.0.117232)</p>
<p>Summary</p> <p>Apache HTTP Server is prone to multiple vulnerabilities.</p>
<p>Vulnerability Detection Result</p> <p>Installed version: 2.4.38</p>
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Fixed version:	2.4.44
Installation path / port:	80/tcp
Solution: Solution type: VendorFix Update to version 2.4.44 or later.	
Affected Software/OS Apache HTTP Server version 2.4.2 to 2.4.43.	
Vulnerability Insight The following vulnerabilities exist: - Push Diary Crash on Specifically Crafted HTTP/2 Header (CVE-2020-9490) - Push Diary Crash on Specifically Crafted HTTP/2 Header (CVE-2020-11993)	
Vulnerability Detection Method Checks if a vulnerable version is present on the target host. Details: Apache HTTP Server 2.4.20 < 2.4.44 Multiple Vulnerabilities (Linux) OID:1.3.6.1.4.1.25623.1.0.144372 Version used: 2021-07-22T02:00:50Z	
Product Detection Result Product: cpe:/a:apache:http_server:2.4.38 Method: Apache HTTP Server Detection Consolidation OID: 1.3.6.1.4.1.25623.1.0.117232)	
References cve: CVE-2020-9490 cve: CVE-2020-11993 url: https://httpd.apache.org/security/vulnerabilities_24.html cert-bund: WID-SEC-2023-1048 cert-bund: WID-SEC-2023-0063 cert-bund: CB-K21/0341 cert-bund: CB-K21/0068 cert-bund: CB-K20/0798 dfn-cert: DFN-CERT-2022-0074 dfn-cert: DFN-CERT-2021-1069 dfn-cert: DFN-CERT-2020-2628 dfn-cert: DFN-CERT-2020-2345 dfn-cert: DFN-CERT-2020-2338 dfn-cert: DFN-CERT-2020-1985 dfn-cert: DFN-CERT-2020-1905 dfn-cert: DFN-CERT-2020-1793 dfn-cert: DFN-CERT-2020-1744	

<p>High (CVSS: 7.5) NVT: Apache HTTP Server 2.4.17 < 2.4.49 'mod_proxy' HTTP/2 Request Smuggling Vulnerability - Linux</p>
<p>Product detection result cpe:/a:apache:http_server:2.4.38 Detected by Apache HTTP Server Detection Consolidation (OID: 1.3.6.1.4.1.25623.1 ↔.0.117232)</p>
<p>Summary Apache HTTP Server is prone to an HTTP/2 request smuggling vulnerability in the 'mod_proxy' module.</p>
<p>Vulnerability Detection Result Installed version: 2.4.38 Fixed version: 2.4.49 Installation path / port: 80/tcp</p>
<p>Solution: Solution type: VendorFix Update to version 2.4.49 or later.</p>
<p>Affected Software/OS Apache HTTP Server version 2.4.17 through 2.4.48 running the mod_proxy module together with an enabled HTTP/2 protocol.</p>
<p>Vulnerability Insight Apache's mod_proxy allows spaces in the :method of HTTP/2 requests, enabling request line injection. If the back-end server tolerates trailing junk in the request line, this lets an attacker to bypass block rules.</p>
<p>Vulnerability Detection Method Checks if a vulnerable version is present on the target host. Details: Apache HTTP Server 2.4.17 < 2.4.49 'mod_proxy' HTTP/2 Request Smuggling Vulnerability - Linux ↔.. OID:1.3.6.1.4.1.25623.1.0.117615 Version used: 2021-09-17T11:59:51Z</p>
<p>Product Detection Result Product: cpe:/a:apache:http_server:2.4.38 Method: Apache HTTP Server Detection Consolidation OID: 1.3.6.1.4.1.25623.1.0.117232)</p>
<p>References</p>
<p>... continues on next page ...</p>

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cve: CVE-2021-33193 url: https://portswigger.net/research/http2 url: https://github.com/apache/httpd/commit/ecebcc035ccd8d0e2984fe41420d9e944f45 ↪6b3c url: https://httpd.apache.org/security/vulnerabilities_24.html cert-bund: WID-SEC-2022-0722 cert-bund: CB-K21/0878 dfn-cert: DFN-CERT-2023-0497 dfn-cert: DFN-CERT-2022-2405 dfn-cert: DFN-CERT-2022-2167 dfn-cert: DFN-CERT-2022-1047 dfn-cert: DFN-CERT-2021-2471 dfn-cert: DFN-CERT-2021-1961 dfn-cert: DFN-CERT-2021-1854

High (CVSS: 7.5)

NVT: Apache HTTP Server 2.4.20 - 2.4.39 Multiple Vulnerabilities (Linux)

Product detection result

cpe:/a:apache:http_server:2.4.38

Detected by Apache HTTP Server Detection Consolidation (OID: 1.3.6.1.4.1.25623.1
↪.0.117232)

Summary

Apache HTTP Server is prone to multiple vulnerabilities.

Vulnerability Detection Result

Installed version: 2.4.38

Fixed version: 2.4.41

Installation

path / port: 80/tcp

Solution:

Solution type: VendorFix

Update to version 2.4.41 or later.

Affected Software/OS

Apache HTTP Server version 2.4.20 to 2.4.39.

Vulnerability Insight

Apache HTTP server is prone to multiple vulnerabilities:

- A malicious client could perform a DoS attack by flooding a connection with requests and basically never reading responses on the TCP connection. Depending on h2 worker dimensioning, it was possible to block those with relatively few connections. (CVE-2019-9517)

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- HTTP/2 very early pushes, for example configured with 'H2PushResource', could lead to an overwrite of memory in the pushing request's pool, leading to crashes. The memory copied is that of the configured push link header values, not data supplied by the client. (CVE-2019-10081)
Vulnerability Detection Method Checks if a vulnerable version is present on the target host. Details: Apache HTTP Server 2.4.20 - 2.4.39 Multiple Vulnerabilities (Linux) OID:1.3.6.1.4.1.25623.1.0.114147 Version used: 2021-09-02T13:01:30Z
Product Detection Result Product: cpe:/a:apache:http_server:2.4.38 Method: Apache HTTP Server Detection Consolidation OID: 1.3.6.1.4.1.25623.1.0.117232)
References cve: CVE-2019-9517 cve: CVE-2019-10081 url: https://httpd.apache.org/security/vulnerabilities_24.html cert-bund: CB-K20/0708 cert-bund: CB-K19/0909 cert-bund: CB-K19/0728 dfn-cert: DFN-CERT-2021-0776 dfn-cert: DFN-CERT-2020-2422 dfn-cert: DFN-CERT-2020-0779 dfn-cert: DFN-CERT-2020-0716 dfn-cert: DFN-CERT-2020-0640 dfn-cert: DFN-CERT-2020-0630 dfn-cert: DFN-CERT-2020-0595 dfn-cert: DFN-CERT-2020-0054 dfn-cert: DFN-CERT-2019-2456 dfn-cert: DFN-CERT-2019-1992 dfn-cert: DFN-CERT-2019-1810 dfn-cert: DFN-CERT-2019-1751 dfn-cert: DFN-CERT-2019-1727 dfn-cert: DFN-CERT-2019-1690
High (CVSS: 7.5) NVT: Apache HTTP Server 2.4.30 < 2.4.49 DoS Vulnerability - Linux
Product detection result cpe:/a:apache:http_server:2.4.38 Detected by Apache HTTP Server Detection Consolidation (OID: 1.3.6.1.4.1.25623.1 ↪.0.117232)
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Summary Apache HTTP Server is prone to a denial of service (DoS) vulnerability.
Vulnerability Detection Result Installed version: 2.4.38 Fixed version: 2.4.49 Installation path / port: 80/tcp
Solution: Solution type: VendorFix Update to version 2.4.49 or later.
Affected Software/OS Apache HTTP Server version 2.4.30 through 2.4.48.
Vulnerability Insight A carefully crafted request uri-path can cause mod_proxy_uwsgi to read above the allocated memory and crash (DoS).
Vulnerability Detection Method Checks if a vulnerable version is present on the target host. Details: Apache HTTP Server 2.4.30 < 2.4.49 DoS Vulnerability - Linux OID:1.3.6.1.4.1.25623.1.0.146727 Version used: 2021-09-29T08:01:30Z
Product Detection Result Product: cpe:/a:apache:http_server:2.4.38 Method: Apache HTTP Server Detection Consolidation OID: 1.3.6.1.4.1.25623.1.0.117232)
References cve: CVE-2021-36160 url: https://httpd.apache.org/security/vulnerabilities_24.html cert-bund: WID-SEC-2022-0724 cert-bund: CB-K21/0992 dfn-cert: DFN-CERT-2022-2405 dfn-cert: DFN-CERT-2022-2167 dfn-cert: DFN-CERT-2022-1047 dfn-cert: DFN-CERT-2021-2471 dfn-cert: DFN-CERT-2021-2034 dfn-cert: DFN-CERT-2021-1961

<p>High (CVSS: 7.5)</p> <p>NVT: Apache HTTP Server < 2.4.39 mod_auth_digest Access Control Bypass Vulnerability (Linux)</p>
<p>Product detection result</p> <p>cpe:/a:apache:http_server:2.4.38</p> <p>Detected by Apache HTTP Server Detection Consolidation (OID: 1.3.6.1.4.1.25623.1 ↪.0.117232)</p>
<p>Summary</p> <p>In Apache HTTP Server, a race condition in mod_auth_digest when running in a threaded server could allow a user with valid credentials to authenticate using another username, bypassing configured access control restrictions.</p>
<p>Vulnerability Detection Result</p> <p>Installed version: 2.4.38</p> <p>Fixed version: 2.4.39</p> <p>Installation</p> <p>path / port: 80/tcp</p>
<p>Solution:</p> <p>Solution type: VendorFix</p> <p>Update to version 2.4.39 or later.</p>
<p>Affected Software/OS</p> <p>Apache HTTP Server version 2.4.38 and prior.</p>
<p>Vulnerability Detection Method</p> <p>Checks if a vulnerable version is present on the target host.</p> <p>Details: Apache HTTP Server < 2.4.39 mod_auth_digest Access Control Bypass Vulnerability. ↪...</p> <p>OID:1.3.6.1.4.1.25623.1.0.142220</p> <p>Version used: 2021-09-02T13:01:30Z</p>
<p>Product Detection Result</p> <p>Product: cpe:/a:apache:http_server:2.4.38</p> <p>Method: Apache HTTP Server Detection Consolidation</p> <p>OID: 1.3.6.1.4.1.25623.1.0.117232)</p>
<p>References</p> <p>cve: CVE-2019-0217</p> <p>url: https://httpd.apache.org/security/vulnerabilities_24.html</p> <p>cert-bund: CB-K19/0623</p> <p>cert-bund: CB-K19/0267</p> <p>dfn-cert: DFN-CERT-2019-2592</p> <p>... continues on next page ...</p>

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```
dfn-cert: DFN-CERT-2019-2456
dfn-cert: DFN-CERT-2019-0736
dfn-cert: DFN-CERT-2019-0690
dfn-cert: DFN-CERT-2019-0687
dfn-cert: DFN-CERT-2019-0680
dfn-cert: DFN-CERT-2019-0676
```

High (CVSS: 7.5)**NVT: Apache HTTP Server < 2.4.39 mod_ssl Access Control Bypass Vulnerability (Linux)****Product detection result**

cpe:/a:apache:http_server:2.4.38

Detected by Apache HTTP Server Detection Consolidation (OID: 1.3.6.1.4.1.25623.1
↔.0.117232)**Summary**

In Apache HTTP Server a bug in mod_ssl when using per-location client certificate verification with TLSv1.3 allowed a client supporting Post-Handshake Authentication to bypass configured access control restrictions.

Vulnerability Detection Result

Installed version: 2.4.38

Fixed version: 2.4.39

Installation

path / port: 80/tcp

Solution:**Solution type:** VendorFix

Update to version 2.4.39 or later.

Affected Software/OS

Apache HTTP Server version 2.4.37 and 2.4.38.

Vulnerability Detection Method

Checks if a vulnerable version is present on the target host.

Details: Apache HTTP Server < 2.4.39 mod_ssl Access Control Bypass Vulnerability (Linux)

OID:1.3.6.1.4.1.25623.1.0.142222

Version used: 2021-09-02T13:01:30Z

Product Detection Result

Product: cpe:/a:apache:http_server:2.4.38

Method: Apache HTTP Server Detection Consolidation

OID: 1.3.6.1.4.1.25623.1.0.117232)

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References

cve: CVE-2019-0215
 url: https://httpd.apache.org/security/vulnerabilities_24.html
 cert-bund: CB-K20/0041
 cert-bund: CB-K19/0623
 cert-bund: CB-K19/0267
 dfn-cert: DFN-CERT-2019-1095
 dfn-cert: DFN-CERT-2019-0911
 dfn-cert: DFN-CERT-2019-0676

High (CVSS: 7.2)

NVT: Apache HTTP Server Stack Overflow Vulnerability (Linux)

Product detection result

cpe:/a:apache:http_server:2.4.38
 Detected by Apache HTTP Server Detection Consolidation (OID: 1.3.6.1.4.1.25623.1
 ↪.0.117232)

Summary

Apache HTTP Server is prone to a stack overflow vulnerability.

Vulnerability Detection Result

Installed version: 2.4.38
 Fixed version: 2.4.41
 Installation
 path / port: 80/tcp

Solution:

Solution type: VendorFix
 Update to version 2.4.41 or later.

Affected Software/OS

Apache HTTP Server version 2.4.32 to 2.4.39.

Vulnerability Insight

When mod_remoteip was configured to use a trusted intermediary proxy server using the 'PROXY' protocol, a specially crafted PROXY header could trigger a stack buffer overflow or NULL pointer dereference. This vulnerability could only be triggered by a trusted proxy and not by untrusted HTTP clients.

Vulnerability Detection Method

Checks if a vulnerable version is present on the target host.
 Details: Apache HTTP Server Stack Overflow Vulnerability (Linux)

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OID:1.3.6.1.4.1.25623.1.0.114145 Version used: 2021-09-02T13:01:30Z
Product Detection Result Product: cpe:/a:apache:http_server:2.4.38 Method: Apache HTTP Server Detection Consolidation OID: 1.3.6.1.4.1.25623.1.0.117232)
References cve: CVE-2019-10097 url: https://httpd.apache.org/security/vulnerabilities_24.html cert-bund: CB-K20/0708 cert-bund: CB-K19/0909 cert-bund: CB-K19/0728 dfn-cert: DFN-CERT-2020-2422 dfn-cert: DFN-CERT-2020-2286 dfn-cert: DFN-CERT-2020-0716 dfn-cert: DFN-CERT-2019-2592 dfn-cert: DFN-CERT-2019-1810 dfn-cert: DFN-CERT-2019-1751

[\[return to 192.168.64.21 \]](#)

2.1.2 Medium 80/tcp

Medium (CVSS: 6.1) NVT: Apache HTTP Server 2.4.0 - 2.4.40 Multiple Vulnerabilities (Linux)
Product detection result cpe:/a:apache:http_server:2.4.38 Detected by Apache HTTP Server Detection Consolidation (OID: 1.3.6.1.4.1.25623.1 ↪.0.117232)
Summary Apache HTTP Server is prone to multiple vulnerabilities.
Vulnerability Detection Result Installed version: 2.4.38 Fixed version: 2.4.41 Installation path / port: 80/tcp
Solution: Solution type: VendorFix
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Update to version 2.4.41 or later.
Affected Software/OS Apache HTTP Server version 2.4.0 to 2.4.40.
Vulnerability Insight Apache HTTP server is prone to multiple vulnerabilities: - A limited cross-site scripting issue affecting the mod_proxy error page. An attacker could cause the link on the error page to be malformed and instead point to a page of their choice. This would be exploitable where a server was set up with proxying enabled but was misconfigured in such a way that the Proxy Error page was displayed. (CVE-2019-10092) - Redirects configured with mod_rewrite that were intended to be self referential might be fooled by encoded newlines and redirect instead to an unexpected URL within the request URL. (CVE-2019-10098)
Vulnerability Detection Method Checks if a vulnerable version is present on the target host. Details: Apache HTTP Server 2.4.0 - 2.4.40 Multiple Vulnerabilities (Linux) OID: 1.3.6.1.4.1.25623.1.0.114143 Version used: 2021-09-02T13:01:30Z
Product Detection Result Product: cpe:/a:apache:http_server:2.4.38 Method: Apache HTTP Server Detection Consolidation OID: 1.3.6.1.4.1.25623.1.0.117232)
References cve: CVE-2019-10092 cve: CVE-2019-10098 url: https://httpd.apache.org/security/vulnerabilities_24.html cert-bund: CB-K20/1030 cert-bund: CB-K20/0708 cert-bund: CB-K20/0043 cert-bund: CB-K19/0909 cert-bund: CB-K19/0728 dfn-cert: DFN-CERT-2021-1333 dfn-cert: DFN-CERT-2021-0540 dfn-cert: DFN-CERT-2020-2422 dfn-cert: DFN-CERT-2020-2133 dfn-cert: DFN-CERT-2020-1124 dfn-cert: DFN-CERT-2020-0716 dfn-cert: DFN-CERT-2020-0090 dfn-cert: DFN-CERT-2019-2592 dfn-cert: DFN-CERT-2019-2169 dfn-cert: DFN-CERT-2019-1961
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dfn-cert: DFN-CERT-2019-1810
 dfn-cert: DFN-CERT-2019-1797
 dfn-cert: DFN-CERT-2019-1751

Medium (CVSS: 6.1)

NVT: Apache HTTP Server 2.4.0 < 2.4.42 Multiple Vulnerabilities (Linux)

Product detection result

cpe:/a:apache:http_server:2.4.38

Detected by Apache HTTP Server Detection Consolidation (OID: 1.3.6.1.4.1.25623.1
 ↪.0.117232)

Summary

Apache HTTP Server is prone to multiple vulnerabilities.

Vulnerability Detection Result

Installed version: 2.4.38

Fixed version: 2.4.42

Installation

path / port: 80/tcp

Solution:**Solution type:** VendorFix

Update to version 2.4.42 or later.

Affected Software/OS

Apache HTTP Server version 2.4.0 to 2.4.41.

Vulnerability Insight

Apache HTTP Server is prone to multiple vulnerabilities:

- mod_rewrite CWE-601 open redirect (CVE-2020-1927)
- mod_proxy_ftp use of uninitialized value (CVE-2020-1934)

Vulnerability Detection Method

Checks if a vulnerable version is present on the target host.

Details: Apache HTTP Server 2.4.0 < 2.4.42 Multiple Vulnerabilities (Linux)

OID:1.3.6.1.4.1.25623.1.0.143671

Version used: 2021-07-22T02:00:50Z

Product Detection Result

Product: cpe:/a:apache:http_server:2.4.38

Method: Apache HTTP Server Detection Consolidation

OID: 1.3.6.1.4.1.25623.1.0.117232)

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References

cve: CVE-2020-1927
 cve: CVE-2020-1934
 url: https://httpd.apache.org/security/vulnerabilities_24.html
 cert-bund: WID-SEC-2023-0063
 cert-bund: WID-SEC-2022-0757
 cert-bund: CB-K20/1030
 cert-bund: CB-K20/0708
 cert-bund: CB-K20/0691
 cert-bund: CB-K20/0280
 dfn-cert: DFN-CERT-2022-1610
 dfn-cert: DFN-CERT-2022-0074
 dfn-cert: DFN-CERT-2021-1467
 dfn-cert: DFN-CERT-2020-2422
 dfn-cert: DFN-CERT-2020-2133
 dfn-cert: DFN-CERT-2020-1854
 dfn-cert: DFN-CERT-2020-1793
 dfn-cert: DFN-CERT-2020-1538
 dfn-cert: DFN-CERT-2020-1335
 dfn-cert: DFN-CERT-2020-1289
 dfn-cert: DFN-CERT-2020-1124
 dfn-cert: DFN-CERT-2020-0850
 dfn-cert: DFN-CERT-2020-0835
 dfn-cert: DFN-CERT-2020-0688

Medium (CVSS: 5.8)

NVT: WordPress User IDs and User Names Disclosure

Summary

WordPress platforms use a parameter called 'author'. This parameter accepts integer values and represents the 'User ID' of users in the web site. For example: <http://www.example.com/?author=1>

Vulnerability Detection Result

The following user names were revealed in id range 1-25.

Discovered username 'noobbox' with id '1' via URL <http://192.168.64.21/wordpress/?author=1>

Impact

These problems trigger the following attack vectors:

1. The query response discloses whether the User ID is enabled.
2. The query response leaks (by redirection) the User Name corresponding with that User ID.

Solution:

Solution type: WillNotFix

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No known solution was made available for at least one year since the disclosure of this vulnerability. Likely none will be provided anymore. General solution options are to upgrade to a newer release, disable respective features, remove the product or replace the product by another one.
Vulnerability Insight The problems found are: <ol style="list-style-type: none"> 1. User ID values are generated consecutively. 2. When a valid User ID is found, WordPress redirects to a web page with the name of the author.
Vulnerability Detection Method Details: WordPress User IDs and User Names Disclosure OID:1.3.6.1.4.1.25623.1.0.103222 Version used: 2023-03-01T10:20:04Z
References url: http://www.talsoft.com.ar/index.php/research/security-advisories/wordpress-user-id-and-user-name-disclosure

Medium (CVSS: 5.3) NVT: Apache HTTP Server < 2.4.39 mod_http2 Use-After-Free Vulnerability (Linux)
Product detection result cpe:/a:apache:http_server:2.4.38 Detected by Apache HTTP Server Detection Consolidation (OID: 1.3.6.1.4.1.25623.1 ↪.0.117232)
Summary Using fuzzed network input, the http/2 request handling could be made to access freed memory in string comparison when determining the method of a request and thus process the request incorrectly.
Vulnerability Detection Result Installed version: 2.4.38 Fixed version: 2.4.39 Installation path / port: 80/tcp
Solution: Solution type: VendorFix Update to version 2.4.39 or later.
Affected Software/OS ... continues on next page ...

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Apache HTTP Server version 2.4.38 and prior.
Vulnerability Detection Method Checks if a vulnerable version is present on the target host. Details: Apache HTTP Server < 2.4.39 mod_http2 Use-After-Free Vulnerability (Linux) OID: 1.3.6.1.4.1.25623.1.0.142226 Version used: 2021-09-02T13:01:30Z
Product Detection Result Product: cpe:/a:apache:http_server:2.4.38 Method: Apache HTTP Server Detection Consolidation OID: 1.3.6.1.4.1.25623.1.0.117232)
References cve: CVE-2019-0196 url: https://httpd.apache.org/security/vulnerabilities_24.html cert-bund: CB-K19/0623 cert-bund: CB-K19/0267 dfn-cert: DFN-CERT-2020-2422 dfn-cert: DFN-CERT-2020-1335 dfn-cert: DFN-CERT-2019-2456 dfn-cert: DFN-CERT-2019-1054 dfn-cert: DFN-CERT-2019-0687 dfn-cert: DFN-CERT-2019-0676

Medium (CVSS: 5.3) NVT: Apache HTTP Server 2.4.6 - 2.4.46 Tunneling Misconfiguration Vulnerability - Linux
Product detection result cpe:/a:apache:http_server:2.4.38 Detected by Apache HTTP Server Detection Consolidation (OID: 1.3.6.1.4.1.25623.1 ↔.0.117232)
Summary Apache HTTP Server is prone to a tunneling misconfiguration vulnerability.
Vulnerability Detection Result Installed version: 2.4.38 Fixed version: 2.4.48 Installation path / port: 80/tcp
Solution: Solution type: VendorFix
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Update to version 2.4.48 or later.	
Affected Software/OS Apache HTTP Server versions 2.4.6 to 2.4.46 on Linux.	
Vulnerability Insight mod_proxy_wstunnel configured on an URL that is not necessarily upgraded by the origin server was tunneling the whole connection regardless, thus allowing for subsequent requests on the same connection to pass through with no HTTP validation, authentication or authorization possibly configured.	
Vulnerability Detection Method Checks if a vulnerable version is present on the target host. Details: Apache HTTP Server 2.4.6 - 2.4.46 Tunneling Misconfiguration Vulnerability - Li. ↪... OID:1.3.6.1.4.1.25623.1.0.112898 Version used: 2021-08-24T09:01:06Z	
Product Detection Result Product: cpe:/a:apache:http_server:2.4.38 Method: Apache HTTP Server Detection Consolidation OID: 1.3.6.1.4.1.25623.1.0.117232)	
References cve: CVE-2019-17567 url: https://httpd.apache.org/security/vulnerabilities_24.html cert-bund: WID-SEC-2022-0438 cert-bund: CB-K21/0646 dfn-cert: DFN-CERT-2021-2394 dfn-cert: DFN-CERT-2021-1273	
Medium (CVSS: 5.3) NVT: Apache HTTP Server < 2.4.39 URL Normalization Vulnerability (Linux)	
Product detection result cpe:/a:apache:http_server:2.4.38 Detected by Apache HTTP Server Detection Consolidation (OID: 1.3.6.1.4.1.25623.1.0.117232)	
Summary When the path component of a request URL contains multiple consecutive slashes ('/'), directives such as LocationMatch and RewriteRule must account for duplicates in regular expressions while other aspects of the servers processing will implicitly collapse them.	
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Vulnerability Detection Result

Installed version: 2.4.38

Fixed version: 2.4.39

Installation

path / port: 80/tcp

Solution:**Solution type:** VendorFix

Update to version 2.4.39 or later.

Affected Software/OS

Apache HTTP Server version 2.4.38 and prior.

Vulnerability Detection Method

Checks if a vulnerable version is present on the target host.

Details: Apache HTTP Server < 2.4.39 URL Normalization Vulnerability (Linux)

OID:1.3.6.1.4.1.25623.1.0.142228

Version used: 2021-09-02T13:01:30Z

Product Detection Result

Product: cpe:/a:apache:http_server:2.4.38

Method: Apache HTTP Server Detection Consolidation

OID: 1.3.6.1.4.1.25623.1.0.117232)

References

cve: CVE-2019-0220

url: https://httpd.apache.org/security/vulnerabilities_24.html

cert-bund: WID-SEC-2022-0757

cert-bund: CB-K20/0708

cert-bund: CB-K19/0623

cert-bund: CB-K19/0267

dfn-cert: DFN-CERT-2022-1610

dfn-cert: DFN-CERT-2020-0184

dfn-cert: DFN-CERT-2019-2592

dfn-cert: DFN-CERT-2019-1519

dfn-cert: DFN-CERT-2019-0815

dfn-cert: DFN-CERT-2019-0690

dfn-cert: DFN-CERT-2019-0687

dfn-cert: DFN-CERT-2019-0680

dfn-cert: DFN-CERT-2019-0676

Medium (CVSS: 5.0) NVT: Apache HTTP Server 2.4.0 - 2.4.55 HTTP Request Smuggling Vulnerability (Linux)
Product detection result cpe:/a:apache:http_server:2.4.38 Detected by Apache HTTP Server Detection Consolidation (OID: 1.3.6.1.4.1.25623.1.0.117232)
Summary Apache HTTP Server is prone to a HTTP request smuggling vulnerability.
Vulnerability Detection Result Installed version: 2.4.38 Fixed version: 2.4.56 Installation path / port: 80/tcp
Impact Request splitting/smuggling could result in bypass of access controls in the proxy server, proxying unintended URLs to existing origin servers, and cache poisoning.
Solution: Solution type: VendorFix Update to version 2.4.56 or later.
Affected Software/OS Apache HTTP Server versions 2.4.0 through 2.4.55.
Vulnerability Insight Some mod_proxy configurations allow a HTTP Request Smuggling attack. Configurations are affected when mod_proxy is enabled along with some form of RewriteRule or ProxyPassMatch in which a non-specific pattern matches some portion of the user-supplied request-target (URL) data and is then re-inserted into the proxied request-target using variable substitution.
Vulnerability Detection Method Checks if a vulnerable version is present on the target host. Details: Apache HTTP Server 2.4.0 - 2.4.55 HTTP Request Smuggling Vulnerability (Linux) OID:1.3.6.1.4.1.25623.1.0.104597 Version used: 2023-03-09T10:20:45Z
Product Detection Result Product: cpe:/a:apache:http_server:2.4.38 Method: Apache HTTP Server Detection Consolidation OID: 1.3.6.1.4.1.25623.1.0.117232)
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References

cve: CVE-2023-25690
 url: https://httpd.apache.org/security/vulnerabilities_24.html
 cert-bund: WID-SEC-2023-1021
 cert-bund: WID-SEC-2023-0657
 cert-bund: WID-SEC-2023-0583
 dfn-cert: DFN-CERT-2023-1232
 dfn-cert: DFN-CERT-2023-0884
 dfn-cert: DFN-CERT-2023-0788
 dfn-cert: DFN-CERT-2023-0658
 dfn-cert: DFN-CERT-2023-0546

Medium (CVSS: 5.0)

NVT: Apache HTTP Server < 2.4.55 Multiple Vulnerabilities (Linux)

Product detection result

cpe:/a:apache:http_server:2.4.38
 Detected by Apache HTTP Server Detection Consolidation (OID: 1.3.6.1.4.1.25623.1
 ↪.0.117232)

Summary

Apache HTTP Server is prone to multiple vulnerabilities.

Vulnerability Detection Result

Installed version: 2.4.38
 Fixed version: 2.4.55
 Installation
 path / port: 80/tcp

Solution:

Solution type: VendorFix
 Update to version 2.4.55 or later.

Affected Software/OS

Apache HTTP Server version 2.4.54 and prior.

Vulnerability Insight

The following vulnerabilities exist:

- CVE-2006-20001: mod_dav out of bounds read, or write of zero byte
- CVE-2022-36760: Possible request smuggling in mod_proxy_ajp
- CVE-2022-37436: mod_proxy allows a backend to trigger HTTP response splitting

Vulnerability Detection Method

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<p>Checks if a vulnerable version is present on the target host. Details: Apache HTTP Server < 2.4.55 Multiple Vulnerabilities (Linux) OID: 1.3.6.1.4.1.25623.1.0.149152 Version used: 2023-01-18T10:11:02Z</p>
<p>Product Detection Result Product: cpe:/a:apache:http_server:2.4.38 Method: Apache HTTP Server Detection Consolidation OID: 1.3.6.1.4.1.25623.1.0.117232)</p>
<p>References cve: CVE-2006-20001 cve: CVE-2022-36760 cve: CVE-2022-37436 url: https://httpd.apache.org/security/vulnerabilities_24.html cert-bund: WID-SEC-2023-1022 cert-bund: WID-SEC-2023-0561 cert-bund: WID-SEC-2023-0110 dfn-cert: DFN-CERT-2023-0658 dfn-cert: DFN-CERT-2023-0548 dfn-cert: DFN-CERT-2023-0497 dfn-cert: DFN-CERT-2023-0118</p>

<p>Medium (CVSS: 5.0) NVT: Apache HTTP Server 2.4.30 - 2.4.55 HTTP Request Smuggling Vulnerability (Linux)</p>
<p>Product detection result cpe:/a:apache:http_server:2.4.38 Detected by Apache HTTP Server Detection Consolidation (OID: 1.3.6.1.4.1.25623.1 ↪.0.117232)</p>
<p>Summary Apache HTTP Server is prone to a HTTP request smuggling vulnerability.</p>
<p>Vulnerability Detection Result Installed version: 2.4.38 Fixed version: 2.4.56 Installation path / port: 80/tcp</p>
<p>Solution: Solution type: VendorFix Update to version 2.4.56 or later.</p>
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Affected Software/OS Apache HTTP Server versions 2.4.30 through 2.4.55.
Vulnerability Insight HTTP Response Smuggling vulnerability via mod_proxy_uwsgi. Special characters in the origin response header can truncate/split the response forwarded to the client.
Vulnerability Detection Method Checks if a vulnerable version is present on the target host. Details: Apache HTTP Server 2.4.30 - 2.4.55 HTTP Request Smuggling Vulnerability (Linux) OID:1.3.6.1.4.1.25623.1.0.104599 Version used: 2023-03-09T10:20:45Z
Product Detection Result Product: cpe:/a:apache:http_server:2.4.38 Method: Apache HTTP Server Detection Consolidation OID: 1.3.6.1.4.1.25623.1.0.117232)
References cve: CVE-2023-27522 url: https://httpd.apache.org/security/vulnerabilities_24.html cert-bund: WID-SEC-2023-0583 dfn-cert: DFN-CERT-2023-0658 dfn-cert: DFN-CERT-2023-0546

Medium (CVSS: 5.0) NVT: Enabled Directory Listing/Indexing Detection (HTTP)
Summary The script attempts to identify directories with an enabled directory listing/indexing on a remote web server.
Vulnerability Detection Result The following directories with an enabled directory listing/indexing were identified: http://192.168.64.21/wordpress/wp-content/upgrade http://192.168.64.21/wordpress/wp-content/uploads http://192.168.64.21/wordpress/wp-content/uploads/2021 http://192.168.64.21/wordpress/wp-content/uploads/2021/03 http://192.168.64.21/wordpress/wp-content/uploads/2023 http://192.168.64.21/wordpress/wp-content/uploads/2023/06 http://192.168.64.21/wordpress/wp-includes http://192.168.64.21/wordpress/wp-includes/ID3
... continues on next page ...

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<pre> http://192.168.64.21/wordpress/wp-includes/IXR http://192.168.64.21/wordpress/wp-includes/PHPMailer http://192.168.64.21/wordpress/wp-includes/Requests http://192.168.64.21/wordpress/wp-includes/Requests/library http://192.168.64.21/wordpress/wp-includes/Requests/src http://192.168.64.21/wordpress/wp-includes/SimplePie http://192.168.64.21/wordpress/wp-includes/SimplePie/Cache http://192.168.64.21/wordpress/wp-includes/SimplePie/Content http://192.168.64.21/wordpress/wp-includes/SimplePie/Decode http://192.168.64.21/wordpress/wp-includes/SimplePie/HTTP http://192.168.64.21/wordpress/wp-includes/SimplePie/Net http://192.168.64.21/wordpress/wp-includes/SimplePie/Parse http://192.168.64.21/wordpress/wp-includes/SimplePie/XML http://192.168.64.21/wordpress/wp-includes/Text http://192.168.64.21/wordpress/wp-includes/Text/Diff http://192.168.64.21/wordpress/wp-includes/assets http://192.168.64.21/wordpress/wp-includes/block-patterns http://192.168.64.21/wordpress/wp-includes/block-supports http://192.168.64.21/wordpress/wp-includes/certificates http://192.168.64.21/wordpress/wp-includes/customize http://192.168.64.21/wordpress/wp-includes/fonts http://192.168.64.21/wordpress/wp-includes/html-api http://192.168.64.21/wordpress/wp-includes/php-compat http://192.168.64.21/wordpress/wp-includes/pomo http://192.168.64.21/wordpress/wp-includes/random_compat http://192.168.64.21/wordpress/wp-includes/rest-api http://192.168.64.21/wordpress/wp-includes/sitemaps http://192.168.64.21/wordpress/wp-includes/sodium_compat http://192.168.64.21/wordpress/wp-includes/widgets Please review the content manually. </pre>	
Impact	Based on the information shown an attacker might be able to gather additional info about the structure of this application.
Solution:	
Solution type:	Mitigation
	If not needed disable the directory listing/indexing within the web servers config.
Affected Software/OS	
	Web servers with an enabled directory listing/indexing.
Vulnerability Detection Method	
	Checks previously detected directories on a remote web server if a directory listing/indexing is enabled.
	Details: Enabled Directory Listing/Indexing Detection (HTTP)
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OID:1.3.6.1.4.1.25623.1.0.111074 Version used: 2023-01-16T10:11:20Z
References url: https://wiki.owasp.org/index.php/OWASP_Periodic_Table_of_Vulnerabilities_-_Directory_Indexing
Medium (CVSS: 4.8) NVT: Cleartext Transmission of Sensitive Information via HTTP
Summary The host / application transmits sensitive information (username, passwords) in cleartext via HTTP.
Vulnerability Detection Result The following input fields were identified (URL:input name): http://192.168.64.21/wordpress/wp-login.php:pwd http://192.168.64.21/wordpress/wp-login.php?redirect_to=http%3A%2F%2F192.168.64.21%2Fwordpress%2Fwp-admin%2F&reauth=1:pwd
Impact An attacker could use this situation to compromise or eavesdrop on the HTTP communication between the client and the server using a man-in-the-middle attack to get access to sensitive data like usernames or passwords.
Solution: Solution type: Workaround Enforce the transmission of sensitive data via an encrypted SSL/TLS connection. Additionally make sure the host / application is redirecting all users to the secured SSL/TLS connection before allowing to input sensitive data into the mentioned functions.
Affected Software/OS Hosts / applications which doesn't enforce the transmission of sensitive data via an encrypted SSL/TLS connection.
Vulnerability Detection Method Evaluate previous collected information and check if the host / application is not enforcing the transmission of sensitive data via an encrypted SSL/TLS connection. The script is currently checking the following: - HTTP Basic Authentication (Basic Auth) - HTTP Forms (e.g. Login) with input field of type 'password' Details: Cleartext Transmission of Sensitive Information via HTTP OID:1.3.6.1.4.1.25623.1.0.108440 Version used: 2020-08-24T15:18:35Z
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References

url: https://www.owasp.org/index.php/Top_10_2013-A2-Broken_Authentication_and_Session_Management

url: https://www.owasp.org/index.php/Top_10_2013-A6-Sensitive_Data_Exposure

url: <https://cwe.mitre.org/data/definitions/319.html>

Medium (CVSS: 4.6)

NVT: WordPress 'wp-cron.php' Accessible/Enabled (HTTP) - Active Check

Summary

The remote WordPress instance might have a default setup of 'wp-cron.php' configured which could have security implications.

Vulnerability Detection Result

By doing the following HTTP request:

Affected URL : <http://192.168.64.21/wordpress/wp-cron.php>

HTTP Method : GET

the response indicates that the system is exposing "wp-cron.php".

Note: Such systems reply with a 200 (OK), a text/html Content-Type and an empty body.

Result:

HTTP/1.1 200 OK

Date: Mon, 05 Jun 2023 09:34:57 GMT

Server: Apache/2.4.38 (Debian)

Expires: Wed, 11 Jan 1984 05:00:00 GMT

Cache-Control: no-cache, must-revalidate, max-age=0

Content-Length: 0

Keep-Alive: timeout=5, max=100

Connection: Keep-Alive

Content-Type: text/html; charset=UTF-8

Solution:

Solution type: Mitigation

The following mitigation steps are suggested:

- Add the following to the 'wp-config.php' file of the instance:

```
define('DISABLE_WP_CRON', true);
```

- Restrict external access to 'wp-cron.php'

- Configure and enable a system cron to call 'wp-cron.php' locally via PHP instead

Please see the references for more information.

Affected Software/OS

All WordPress sides having a default setup of 'wp-cron.php' configured.

Vulnerability Insight

The following security implications might exist:

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<p>- No CVE: A denial of service (DoS) on high traffic sites caused by WordPress executing 'wp-cron.php' multiple times a minute using an HTTP request.</p> <p>- CVE-2023-22622: WordPress depends on unpredictable client visits to cause wp-cron.php execution and the resulting security updates, and the source code describes 'the scenario where a site may not receive enough visits to execute scheduled tasks in a timely manner' but neither the installation guide nor the security guide mentions this default behavior, or alerts the user about security risks on installations with very few visits.</p>
<p>Vulnerability Detection Method Sends a crafted HTTP GET request and checks the response. Details: WordPress 'wp-cron.php' Accessible/Enabled (HTTP) - Active Check OID:1.3.6.1.4.1.25623.1.0.104560 Version used: 2023-03-01T10:20:05Z</p>
<p>References cve: CVE-2023-22622 url: https://patchstack.com/articles/solving-unpredictable-wp-cron-problems-addressing-cve-2023-22622/ url: https://medium.com/@thecpanelguy/the-nightmare-that-is-wpcron-php-ae31c1d3ae30 url: https://core.trac.wordpress.org/ticket/57159 url: https://github.com/advisories/GHSA-pmh6-cq54-943m cert-bund: WID-SEC-2023-0023</p>
<p>Medium (CVSS: 4.2) NVT: Apache HTTP Server < 2.4.39 mod_http2 DoS Vulnerability (Linux)</p>
<p>Product detection result cpe:/a:apache:http_server:2.4.38 Detected by Apache HTTP Server Detection Consolidation (OID: 1.3.6.1.4.1.25623.1.0.117232)</p>
<p>Summary When HTTP/2 was enabled for a http: host or H2Upgrade was enabled for h2 on a https: host, an Upgrade request from http/1.1 to http/2 that was not the first request on a connection could lead to a misconfiguration and crash. A server that never enabled the h2 protocol or that only enabled it for https: and did not configure the '2Upgrade on' is unaffected by this.</p>
<p>Vulnerability Detection Result Installed version: 2.4.38 Fixed version: 2.4.39 Installation path / port: 80/tcp</p>
<p>Solution:</p>
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Solution type: VendorFix Update to version 2.4.39 or later.
Affected Software/OS Apache HTTP Server version 2.4.38, 2.4.37, 2.4.35 and 2.4.34.
Vulnerability Detection Method Checks if a vulnerable version is present on the target host. Details: Apache HTTP Server < 2.4.39 mod_http2 DoS Vulnerability (Linux) OID:1.3.6.1.4.1.25623.1.0.142224 Version used: 2022-09-09T10:12:35Z
Product Detection Result Product: cpe:/a:apache:http_server:2.4.38 Method: Apache HTTP Server Detection Consolidation OID: 1.3.6.1.4.1.25623.1.0.117232)
References cve: CVE-2019-0197 url: https://httpd.apache.org/security/vulnerabilities_24.html cert-bund: CB-K19/0623 cert-bund: CB-K19/0267 dfn-cert: DFN-CERT-2020-2422 dfn-cert: DFN-CERT-2020-1335 dfn-cert: DFN-CERT-2019-2456 dfn-cert: DFN-CERT-2019-1810 dfn-cert: DFN-CERT-2019-0676

[[return to 192.168.64.21](#)]

2.1.3 Low general/icmp

Low (CVSS: 2.1) NVT: ICMP Timestamp Reply Information Disclosure
Summary The remote host responded to an ICMP timestamp request.
Vulnerability Detection Result The following response / ICMP packet has been received: - ICMP Type: 14 - ICMP Code: 0
Impact ... continues on next page ...

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This information could theoretically be used to exploit weak time-based random number generators in other services.
Solution: Solution type: Mitigation Various mitigations are possible: - Disable the support for ICMP timestamp on the remote host completely - Protect the remote host by a firewall, and block ICMP packets passing through the firewall in either direction (either completely or only for untrusted networks)
Vulnerability Insight The Timestamp Reply is an ICMP message which replies to a Timestamp message. It consists of the originating timestamp sent by the sender of the Timestamp as well as a receive timestamp and a transmit timestamp.
Vulnerability Detection Method Sends an ICMP Timestamp (Type 13) request and checks if a Timestamp Reply (Type 14) is received. Details: ICMP Timestamp Reply Information Disclosure OID:1.3.6.1.4.1.25623.1.0.103190 Version used: 2023-05-11T09:09:33Z
References cve: CVE-1999-0524 url: https://datatracker.ietf.org/doc/html/rfc792 url: https://datatracker.ietf.org/doc/html/rfc2780 cert-bund: CB-K15/1514 cert-bund: CB-K14/0632 dfn-cert: DFN-CERT-2014-0658

[[return to 192.168.64.21](#)]

2.1.4 Low general/tcp

Low (CVSS: 2.6) NVT: TCP Timestamps Information Disclosure
Summary The remote host implements TCP timestamps and therefore allows to compute the uptime.
Vulnerability Detection Result It was detected that the host implements RFC1323/RFC7323. The following timestamps were retrieved with a delay of 1 seconds in-between: Packet 1: 1658407027
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Packet 2: 1658408103	
Impact A side effect of this feature is that the uptime of the remote host can sometimes be computed.	
Solution: Solution type: Mitigation To disable TCP timestamps on linux add the line 'net.ipv4.tcp_timestamps = 0' to /etc/sysctl.conf. Execute 'sysctl -p' to apply the settings at runtime. To disable TCP timestamps on Windows execute 'netsh int tcp set global timestamps=disabled' Starting with Windows Server 2008 and Vista, the timestamp can not be completely disabled. The default behavior of the TCP/IP stack on this Systems is to not use the Timestamp options when initiating TCP connections, but use them if the TCP peer that is initiating communication includes them in their synchronize (SYN) segment. See the references for more information.	
Affected Software/OS TCP implementations that implement RFC1323/RFC7323.	
Vulnerability Insight The remote host implements TCP timestamps, as defined by RFC1323/RFC7323.	
Vulnerability Detection Method Special IP packets are forged and sent with a little delay in between to the target IP. The responses are searched for a timestamps. If found, the timestamps are reported. Details: TCP Timestamps Information Disclosure OID:1.3.6.1.4.1.25623.1.0.80091 Version used: 2023-05-11T09:09:33Z	
References url: https://datatracker.ietf.org/doc/html/rfc1323 url: https://datatracker.ietf.org/doc/html/rfc7323 url: https://web.archive.org/web/20151213072445/http://www.microsoft.com/en-us/download/details.aspx?id=9152	

[[return to 192.168.64.21](#)]