

# Scan Report

July 11, 2024

## 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 “Unnamed”. The scan started at Thu Jul 11 08:08:33 2024 UTC and ended at Thu Jul 11 08:41:14 2024 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

<b>1</b>	<b>Result Overview</b>	<b>2</b>
<b>2</b>	<b>Results per Host</b>	<b>2</b>
2.1	192.168.1.13 . . . . .	2
2.1.1	High 8009/tcp . . . . .	2
2.1.2	Medium 9090/tcp . . . . .	5
2.1.3	Low general/tcp . . . . .	7
2.1.4	Low general/icmp . . . . .	8
2.2	192.168.1.11 . . . . .	9
2.2.1	Medium 8080/tcp . . . . .	9
2.2.2	Low general/tcp . . . . .	10
2.2.3	Low general/icmp . . . . .	11
2.3	192.168.1.12 . . . . .	12
2.3.1	Low 22/tcp . . . . .	13
2.3.2	Low general/tcp . . . . .	14

## 1 Result Overview

Host	High	Medium	Low	Log	False Positive
<a href="#">192.168.1.13</a>	1	2	2	0	0
<a href="#">192.168.1.11</a>	0	1	2	0	0
<a href="#">192.168.1.12</a>	0	0	2	0	0
Total: 3	1	3	6	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.

Only results with a minimum QoD of 70 are shown.

This report contains all 10 results selected by the filtering described above. Before filtering there were 82 results.

## 2 Results per Host

### 2.1 192.168.1.13

Host scan start Thu Jul 11 08:09:38 2024 UTC

Host scan end Thu Jul 11 08:39:36 2024 UTC

Service (Port)	Threat Level
<a href="#">8009/tcp</a>	High
<a href="#">9090/tcp</a>	Medium
<a href="#">general/tcp</a>	Low
<a href="#">general/icmp</a>	Low

#### 2.1.1 High 8009/tcp

High (CVSS: 9.8)

NVT: Apache Tomcat AJP RCE Vulnerability (Ghostcat)

#### Summary

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Apache Tomcat is prone to a remote code execution (RCE) vulnerability (dubbed 'Ghostcat') in the AJP connector.
<b>Quality of Detection (QoD): 99%</b>
<p><b>Vulnerability Detection Result</b></p> <p>It was possible to read the file "/WEB-INF/web.xml" through the AJP connector.</p> <p>Result:</p> <pre> AB Å\x0004 Ã\x0088 \x00020K \x0005 Accept-Ranges \x0005bytes \x0004ETag \x0016W/"1184-1491118183000" Last-Modified \x001DSun, 02 Apr 2017 07:29:43 GMT \x000CContent-Type \x000Fap plication/xml \x000EContent-Length \x00041184 AB\x0004Å\x0003\x0004Å &lt;?xml &amp;version="1.0" encoding="ISO-8859-1"?&gt; &lt;!-- Licensed to the Apache Software Foundation (ASF) under one or more contributor license agreements. See the NOTICE file distributed with this work for additional information regarding copyright ownership. The ASF licenses this file to You under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0 Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License. --&gt; &lt;web-app xmlns="http://java.sun.com/xml/ns/javaee" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="http://java.sun.com/xml/ns/javaee http://java.sun.com/xml ns/javaee/web-app_2_5.xsd" version="2.5"&gt; &lt;display-name&gt;Welcome to Tomcat&lt;/display-name&gt; &lt;description&gt; Welcome to Tomcat &lt;/description&gt; &lt;/web-app&gt; AB \x0002\x0005\x0001 </pre>
<p><b>Solution:</b></p> <p><b>Solution type:</b> VendorFix</p> <p>Update Apache Tomcat to version 7.0.100, 8.5.51, 9.0.31 or later. For other products using Tomcat please contact the vendor for more information on fixed versions.</p>
<p><b>Affected Software/OS</b></p> <p>Apache Tomcat versions prior 7.0.100, 8.5.51 or 9.0.31 when the AJP connector is enabled.</p>
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Other products like JBoss or Wildfly which are using Tomcat might be affected as well.
<b>Vulnerability Insight</b> Apache Tomcat server has a file containing vulnerability, which can be used by an attacker to read or include any files in all webapp directories on Tomcat, such as webapp configuration files or source code.
<b>Vulnerability Detection Method</b> Sends a crafted AJP request and checks the response. Details: Apache Tomcat AJP RCE Vulnerability (Ghostcat) OID:1.3.6.1.4.1.25623.1.0.143545 Version used: 2024-06-28T15:38:46Z
<b>References</b> cve: CVE-2020-1938 cisa: Known Exploited Vulnerability (KEV) catalog url: <a href="https://www.cisa.gov/known-exploited-vulnerabilities-catalog">https://www.cisa.gov/known-exploited-vulnerabilities-catalog</a> url: <a href="https://lists.apache.org/thread.html/r7c6f492fbd39af34a68681dbbba0468490ff1?_to=protect-from-ghostcat-vulnerability-cve-2020-1938-and/">https://lists.apache.org/thread.html/r7c6f492fbd39af34a68681dbbba0468490ff1?_to=protect-from-ghostcat-vulnerability-cve-2020-1938-and/</a> url: <a href="https://www.chaitin.cn/en/ghostcat">https://www.chaitin.cn/en/ghostcat</a> url: <a href="https://www.cnvd.org.cn/flaw/show/CNVD-2020-10487">https://www.cnvd.org.cn/flaw/show/CNVD-2020-10487</a> url: <a href="https://github.com/YDHCUI/CNVD-2020-10487-Tomcat-Ajp-lfi">https://github.com/YDHCUI/CNVD-2020-10487-Tomcat-Ajp-lfi</a> url: <a href="https://securityboulevard.com/2020/02/patch-your-tomcat-and-jboss-instances-to-protect-from-ghostcat-vulnerability-cve-2020-1938-and/">https://securityboulevard.com/2020/02/patch-your-tomcat-and-jboss-instances-to-protect-from-ghostcat-vulnerability-cve-2020-1938-and/</a> url: <a href="https://tomcat.apache.org/tomcat-7.0-doc/changelog.html">https://tomcat.apache.org/tomcat-7.0-doc/changelog.html</a> url: <a href="https://tomcat.apache.org/tomcat-8.5-doc/changelog.html">https://tomcat.apache.org/tomcat-8.5-doc/changelog.html</a> url: <a href="https://tomcat.apache.org/tomcat-9.0-doc/changelog.html">https://tomcat.apache.org/tomcat-9.0-doc/changelog.html</a> cert-bund: WID-SEC-2024-0528 cert-bund: WID-SEC-2023-2480 cert-bund: CB-K20/0711 cert-bund: CB-K20/0705 cert-bund: CB-K20/0693 cert-bund: CB-K20/0555 cert-bund: CB-K20/0543 cert-bund: CB-K20/0154 dfn-cert: DFN-CERT-2021-1736 dfn-cert: DFN-CERT-2020-1508 dfn-cert: DFN-CERT-2020-1413 dfn-cert: DFN-CERT-2020-1276 dfn-cert: DFN-CERT-2020-1134 dfn-cert: DFN-CERT-2020-0850 dfn-cert: DFN-CERT-2020-0835 dfn-cert: DFN-CERT-2020-0821 dfn-cert: DFN-CERT-2020-0569 dfn-cert: DFN-CERT-2020-0557 dfn-cert: DFN-CERT-2020-0501 dfn-cert: DFN-CERT-2020-0381

[\[ return to 192.168.1.13 \]](#)

### 2.1.2 Medium 9090/tcp

Medium (CVSS: 6.8)
NVT: Apache Tomcat servlet/JSP container default files
<b>Product detection result</b> cpe:/a:apache:tomcat:6.0.53 Detected by Apache Tomcat Detection Consolidation (OID: 1.3.6.1.4.1.25623.1.0.10 ↪7652)
<b>Summary</b> The Apache Tomcat servlet/JSP container has default files installed.
<b>Quality of Detection (QoD): 99%</b>
<b>Vulnerability Detection Result</b> The following default files were found : http://192.168.1.13:9090/examples/servlets/index.html http://192.168.1.13:9090/examples/jsp/snp/snoop.jsp http://192.168.1.13:9090/examples/jsp/index.html
<b>Impact</b> These files should be removed as they may help an attacker to guess the exact version of the Apache Tomcat which is running on this host and may provide other useful information.
<b>Solution:</b> <b>Solution type:</b> Mitigation Remove default files, example JSPs and Servlets from the Tomcat Servlet/JSP container.
<b>Vulnerability Insight</b> Default files, such as documentation, default Servlets and JSPs were found on the Apache Tomcat servlet/JSP container.
<b>Vulnerability Detection Method</b> Details: Apache Tomcat servlet/JSP container default files OID:1.3.6.1.4.1.25623.1.0.12085 Version used: 2023-08-01T13:29:10Z
<b>Product Detection Result</b> Product: cpe:/a:apache:tomcat:6.0.53 Method: Apache Tomcat Detection Consolidation OID: 1.3.6.1.4.1.25623.1.0.107652)

Medium (CVSS: 4.8)
NVT: Cleartext Transmission of Sensitive Information via HTTP
<b>Summary</b> The host / application transmits sensitive information (username, passwords) in cleartext via HTTP.
<b>Quality of Detection (QoD):</b> 80%
<b>Vulnerability Detection Result</b> The following URLs requires Basic Authentication (URL:realm name): <a href="http://192.168.1.13:9090/host-manager/html:Tomcat Host Manager Application">http://192.168.1.13:9090/host-manager/html:Tomcat Host Manager Application</a> <a href="http://192.168.1.13:9090/manager/html:Tomcat Manager Application">http://192.168.1.13:9090/manager/html:Tomcat Manager Application</a> <a href="http://192.168.1.13:9090/manager/status:Tomcat Manager Application">http://192.168.1.13:9090/manager/status:Tomcat Manager Application</a>
<b>Impact</b> 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.
<b>Solution:</b> <b>Solution type:</b> 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.
<b>Affected Software/OS</b> Hosts / applications which doesn't enforce the transmission of sensitive data via an encrypted SSL/TLS connection.
<b>Vulnerability Detection Method</b> 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: 2023-09-07T05:05:21Z
<b>References</b> <a href="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-A2-Broken_Authentication_and_Session_Management</a> <a href="https://www.owasp.org/index.php/Top_10_2013-A6-Sensitive_Data_Exposure">url: https://www.owasp.org/index.php/Top_10_2013-A6-Sensitive_Data_Exposure</a> <a href="https://cwe.mitre.org/data/definitions/319.html">url: https://cwe.mitre.org/data/definitions/319.html</a>

[\[ return to 192.168.1.13 \]](#)

### 2.1.3 Low general/tcp

Low (CVSS: 2.6)
NVT: TCP Timestamps Information Disclosure
<b>Summary</b> The remote host implements TCP timestamps and therefore allows to compute the uptime.
<b>Quality of Detection (QoD):</b> 80%
<b>Vulnerability Detection Result</b> It was detected that the host implements RFC1323/RFC7323. The following timestamps were retrieved with a delay of 1 seconds in-between: Packet 1: 4138959476 Packet 2: 4138960582
<b>Impact</b> A side effect of this feature is that the uptime of the remote host can sometimes be computed.
<b>Solution:</b> <b>Solution type:</b> 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.
<b>Affected Software/OS</b> TCP implementations that implement RFC1323/RFC7323.
<b>Vulnerability Insight</b> The remote host implements TCP timestamps, as defined by RFC1323/RFC7323.
<b>Vulnerability Detection Method</b> 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: 2023-12-15T16:10:08Z
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**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>  
url: <https://www.fortiguard.com/psirt/FG-IR-16-090>

[\[ return to 192.168.1.13 \]](#)**2.1.4 Low general/icmp**

Low (CVSS: 2.1)

NVT: ICMP Timestamp Reply Information Disclosure

**Summary**

The remote host responded to an ICMP timestamp request.

**Quality of Detection (QoD):** 80%**Vulnerability Detection Result**

The following response / ICMP packet has been received:

- ICMP Type: 14
- ICMP Code: 0

**Impact**

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.

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Details: ICMP Timestamp Reply Information Disclosure OID:1.3.6.1.4.1.25623.1.0.103190 Version used: 2023-05-11T09:09:33Z
<b>References</b> 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 192.168.1.13](#) ]

2.2 192.168.1.11

Host scan start Thu Jul 11 08:09:38 2024 UTC  
Host scan end Thu Jul 11 08:32:06 2024 UTC

Service (Port)	Threat Level
<a href="#">8080/tcp</a>	Medium
<a href="#">general/tcp</a>	Low
<a href="#">general/icmp</a>	Low

2.2.1 Medium 8080/tcp

Medium (CVSS: 4.8) NVT: Cleartext Transmission of Sensitive Information via HTTP
<b>Summary</b> The host / application transmits sensitive information (username, passwords) in cleartext via HTTP.
<b>Quality of Detection (QoD):</b> 80%
<b>Vulnerability Detection Result</b> The following input fields were identified (URL:input name): <a href="#">http://192.168.1.11:8080/login:password</a>
<b>Impact</b> 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.
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**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: 2023-09-07T05:05:21Z

**References**

url: [https://www.owasp.org/index.php/Top\\_10\\_2013-A2-Broken\\_Authentication\\_and\\_Session\\_Management](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](https://www.owasp.org/index.php/Top_10_2013-A6-Sensitive_Data_Exposure)

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

[\[ return to 192.168.1.11 \]](#)

**2.2.2 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.

**Quality of Detection (QoD):** 80%

**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: 2439236701

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Packet 2: 2439237750
<b>Impact</b> A side effect of this feature is that the uptime of the remote host can sometimes be computed.
<b>Solution:</b> <b>Solution type:</b> 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.
<b>Affected Software/OS</b> TCP implementations that implement RFC1323/RFC7323.
<b>Vulnerability Insight</b> The remote host implements TCP timestamps, as defined by RFC1323/RFC7323.
<b>Vulnerability Detection Method</b> 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: 2023-12-15T16:10:08Z
<b>References</b> url: <a href="https://datatracker.ietf.org/doc/html/rfc1323">https://datatracker.ietf.org/doc/html/rfc1323</a> url: <a href="https://datatracker.ietf.org/doc/html/rfc7323">https://datatracker.ietf.org/doc/html/rfc7323</a> url: <a href="https://web.archive.org/web/20151213072445/http://www.microsoft.com/en-us/download/details.aspx?id=9152">https://web.archive.org/web/20151213072445/http://www.microsoft.com/en-us/download/details.aspx?id=9152</a> url: <a href="https://www.fortiguard.com/psirt/FG-IR-16-090">https://www.fortiguard.com/psirt/FG-IR-16-090</a>

[\[ return to 192.168.1.11 \]](#)

2.2.3 Low general/icmp

Low (CVSS: 2.1)
NVT: ICMP Timestamp Reply Information Disclosure
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<b>Summary</b>	The remote host responded to an ICMP timestamp request.
<b>Quality of Detection (QoD):</b>	80%
<b>Vulnerability Detection Result</b>	The following response / ICMP packet has been received: - ICMP Type: 14 - ICMP Code: 0
<b>Impact</b>	This information could theoretically be used to exploit weak time-based random number generators in other services.
<b>Solution:</b>	<b>Solution type:</b> 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)
<b>Vulnerability Insight</b>	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.
<b>Vulnerability Detection Method</b>	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
<b>References</b>	cve: CVE-1999-0524 url: <a href="https://datatracker.ietf.org/doc/html/rfc792">https://datatracker.ietf.org/doc/html/rfc792</a> url: <a href="https://datatracker.ietf.org/doc/html/rfc2780">https://datatracker.ietf.org/doc/html/rfc2780</a> cert-bund: CB-K15/1514 cert-bund: CB-K14/0632 dfn-cert: DFN-CERT-2014-0658

[\[ return to 192.168.1.11 \]](#)

## 2.3 192.168.1.12

Host scan start Thu Jul 11 08:09:38 2024 UTC  
Host scan end Thu Jul 11 08:41:09 2024 UTC

Service (Port)	Threat Level
22/tcp	Low
general/tcp	Low

### 2.3.1 Low 22/tcp

Low (CVSS: 2.6)
NVT: Weak MAC Algorithm(s) Supported (SSH)
<b>Product detection result</b> cpe:/a:ietf:secure_shell_protocol Detected by SSH Protocol Algorithms Supported (OID: 1.3.6.1.4.1.25623.1.0.105565 ↔)
<b>Summary</b> The remote SSH server is configured to allow / support weak MAC algorithm(s).
<b>Quality of Detection (QoD): 80%</b>
<b>Vulnerability Detection Result</b> The remote SSH server supports the following weak client-to-server MAC algorithm ↔(s): umac-64-etm@openssh.com umac-64@openssh.com The remote SSH server supports the following weak server-to-client MAC algorithm ↔(s): umac-64-etm@openssh.com umac-64@openssh.com
<b>Solution:</b> <b>Solution type:</b> Mitigation Disable the reported weak MAC algorithm(s).
<b>Vulnerability Detection Method</b> Checks the supported MAC algorithms (client-to-server and server-to-client) of the remote SSH server. Currently weak MAC algorithms are defined as the following: - MD5 based algorithms - 96-bit based algorithms - 64-bit based algorithms - 'none' algorithm Details: Weak MAC Algorithm(s) Supported (SSH) OID:1.3.6.1.4.1.25623.1.0.105610 ... continues on next page ...

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Version used: 2024-06-14T05:05:48Z
<b>Product Detection Result</b> Product: cpe:/a:ietf:secure_shell_protocol Method: SSH Protocol Algorithms Supported OID: 1.3.6.1.4.1.25623.1.0.105565)
<b>References</b> url: <a href="https://www.rfc-editor.org/rfc/rfc6668">https://www.rfc-editor.org/rfc/rfc6668</a> url: <a href="https://www.rfc-editor.org/rfc/rfc4253#section-6.4">https://www.rfc-editor.org/rfc/rfc4253#section-6.4</a>

[\[ return to 192.168.1.12 \]](#)

2.3.2 Low general/tcp

Low (CVSS: 2.6)
NVT: TCP Timestamps Information Disclosure
<b>Summary</b> The remote host implements TCP timestamps and therefore allows to compute the uptime.
<b>Quality of Detection (QoD):</b> 80%
<b>Vulnerability Detection Result</b> It was detected that the host implements RFC1323/RFC7323. The following timestamps were retrieved with a delay of 1 seconds in-between: Packet 1: 4150319893 Packet 2: 4150320963
<b>Impact</b> A side effect of this feature is that the uptime of the remote host can sometimes be computed.
<b>Solution:</b> <b>Solution type:</b> 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.
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**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: 2023-12-15T16:10:08Z

**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>

url: <https://www.fortiguard.com/psirt/FG-IR-16-090>

[\[ return to 192.168.1.12 \]](#)

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