



# CVE-2021-25329

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2021-25329
<b>State</b>	PUBLIC
<b>Assigner</b>	security@apache.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-03-01 12:15:00 UTC
<b>Updated</b>	2023-11-07 03:31:00 UTC
<b>Description</b>	The fix for CVE-2020-9484 was incomplete. When using Apache Tomcat 10.0.0-M1 to 10.0.0, 9.0.0.M1 to 9.0.41, 8.5.0 to 8

## Risk And Classification

**Problem Types:** NVD-CWE-noinfo

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	La
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	10.0.0	-	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	10.0.0	milestone1	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	10.0.0	milestone10	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	10.0.0	milestone2	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	10.0.0	milestone3	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	10.0.0	milestone4	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	10.0.0	milestone5	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	10.0.0	milestone6	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	10.0.0	milestone7	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	10.0.0	milestone8	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	10.0.0	milestone9	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	9.0.0	milestone1	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	9.0.0	milestone10	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	9.0.0	milestone11	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	9.0.0	milestone12	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	9.0.0	milestone13	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	9.0.0	milestone14	All	All

Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	9.0.0	milestone15	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	9.0.0	milestone16	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	9.0.0	milestone17	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	9.0.0	milestone18	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	9.0.0	milestone19	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	9.0.0	milestone2	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	9.0.0	milestone20	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	9.0.0	milestone21	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	9.0.0	milestone22	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	9.0.0	milestone23	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	9.0.0	milestone24	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	9.0.0	milestone25	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	9.0.0	milestone26	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	9.0.0	milestone27	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	9.0.0	milestone3	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	9.0.0	milestone4	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	9.0.0	milestone5	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	9.0.0	milestone6	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	9.0.0	milestone7	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	9.0.0	milestone8	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	9.0.0	milestone9	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	10.0.0	-	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	10.0.0	milestone1	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	10.0.0	milestone10	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	10.0.0	milestone2	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	10.0.0	milestone3	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	10.0.0	milestone4	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	10.0.0	milestone5	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	10.0.0	milestone6	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	10.0.0	milestone7	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	10.0.0	milestone8	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	10.0.0	milestone9	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	9.0.0	milestone1	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	9.0.0	milestone10	All	All
Application	<a href="#">Apache</a>	<a href="#">Tomcat</a>	9.0.0	milestone11	All	All

Application	Apache	Tomcat	9.0.0	milestone12	All	All
Application	Apache	Tomcat	9.0.0	milestone13	All	All
Application	Apache	Tomcat	9.0.0	milestone14	All	All
Application	Apache	Tomcat	9.0.0	milestone15	All	All
Application	Apache	Tomcat	9.0.0	milestone16	All	All
Application	Apache	Tomcat	9.0.0	milestone17	All	All
Application	Apache	Tomcat	9.0.0	milestone18	All	All
Application	Apache	Tomcat	9.0.0	milestone19	All	All
Application	Apache	Tomcat	9.0.0	milestone2	All	All
Application	Apache	Tomcat	9.0.0	milestone20	All	All
Application	Apache	Tomcat	9.0.0	milestone21	All	All
Application	Apache	Tomcat	9.0.0	milestone22	All	All
Application	Apache	Tomcat	9.0.0	milestone23	All	All
Application	Apache	Tomcat	9.0.0	milestone24	All	All
Application	Apache	Tomcat	9.0.0	milestone25	All	All
Application	Apache	Tomcat	9.0.0	milestone26	All	All
Application	Apache	Tomcat	9.0.0	milestone27	All	All
Application	Apache	Tomcat	9.0.0	milestone3	All	All
Application	Apache	Tomcat	9.0.0	milestone4	All	All
Application	Apache	Tomcat	9.0.0	milestone5	All	All
Application	Apache	Tomcat	9.0.0	milestone6	All	All
Application	Apache	Tomcat	9.0.0	milestone7	All	All
Application	Apache	Tomcat	9.0.0	milestone8	All	All
Application	Apache	Tomcat	9.0.0	milestone9	All	All
Application	Apache	Tomcat	All	All	All	All
Application	Apache	Tomcat	All	All	All	All
Application	Apache	Tomcat	All	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Oracle	Agile Plm	9.3.3	All	All	All
Application	Oracle	Agile Plm	9.3.6	All	All	All
Application	Oracle	Communications Cloud Native Core Policy	1.14.0	All	All	All
Application	Oracle	Communications Cloud Native Core Security Edge Protection Proxy	1.6.0	All	All	All
Application	Oracle	Communications Instant Messaging Server	10.0.1.5.0	All	All	All
Application	Oracle	Database	12.2.0.1	All	All	All
Application	Oracle	Database	12.2.0.1	All	All	All

Application	Oracle	Database	19c	All	All	All
Application	Oracle	Database	21c	All	All	All
Application	Oracle	Graph Server And Client	All	All	All	All
Application	Oracle	Instantis Enterprisetrack	17.1	All	All	All
Application	Oracle	Instantis Enterprisetrack	17.2	All	All	All
Application	Oracle	Instantis Enterprisetrack	17.3	All	All	All
Application	Oracle	Managed File Transfer	12.2.1.3.0	All	All	All
Application	Oracle	Managed File Transfer	12.2.1.4.0	All	All	All
Application	Oracle	Mysql Enterprise Monitor	All	All	All	All
Application	Oracle	Siebel Ui Framework	All	All	All	All
Application	Oracle	Siebel Ui Framework	21.9	All	All	All

## References

### Reference

Pony Mail!

Pony Mail!

[tomcat-users] 20210301 [SECURITY] CVE-2021-25329 Apache Tomcat Incomplete fix for CVE-2020-9484 (RCE via session persistence)

[tomcat-users] 20210701 Re: What is "h2c"? What is CVE-2021-25329? Re: Most recent security-related update to 8.5

[announce] 20210301 [SECURITY] CVE-2021-25329 Apache Tomcat Incomplete fix for CVE-2020-9484 (RCE via session persistence)

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Oracle Critical Patch Update Advisory - July 2021

Pony Mail!

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[tomcat-dev] 20210301 [SECURITY] CVE-2021-25329 Apache Tomcat Incomplete fix for CVE-2020-9484 (RCE via session persistence)

Debian -- Security Information -- DSA-4891-1 tomcat9

[tomcat-users] 20210701 What is "h2c"? What is CVE-2021-25329? Re: Most recent security-related update to 8.5

[tomcat-users] 20210702 Re: What is "h2c"? What is CVE-2021-25329? Re: Most recent security-related update to 8.5

March 2021 Apache Tomcat Vulnerabilities in NetApp Products | NetApp Product Security

[SECURITY] [DLA 2596-1] tomcat8 security update

oss-security - CVE-2021-25329: Apache Tomcat Incomplete fix for CVE-2020-9484

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Apache Tomcat: Multiple Vulnerabilities (GLSA 202208-34) — Gentoo security

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[tomcat-dev] 20210301 svn commit: r1887027 - in /tomcat/site/trunk: docs/security-10.html docs/security-7.html docs/security-8.html docs/secu

[tomcat-users] 20210702 Re: CVE-2021-25329, was Re: Most recent security-related update to 8.5

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CVE Program record

NVD vulnerability detail

## Vendor Comments And Credit

Discovery Credit

**LEGACY:** This issue was identified by Trung Pham of Viettel Cyber Security.

## Legacy QID Mappings

[150471](#) Apache Tomcat Remote Code Execution Vulnerability (CVE-2021-25329)

[174905](#) SUSE Enterprise Linux Security Update for tomcat (SUSE-SU-2021:0988-1)

[174906](#) SUSE Enterprise Linux Security Update for tomcat (SUSE-SU-2021:0989-1)

[174912](#) SUSE Enterprise Linux Security Update for tomcat (SUSE-SU-2021:1009-1)

[174941](#) SUSE Enterprise Linux Security Update for tomcat (SUSE-SU-2021:1008-1)

[174964](#) SUSE Enterprise Linux Security Update for tomcat (SUSE-SU-2021:1431-1)

[178492](#) Debian Security Update for tomcat8 (DLA 2596-1)

[178533](#) Debian Security Update for tomcat9 (DSA 4891-1)

[180575](#) Debian Security Update for tomcat9 (CVE-2021-25329)

[198724](#) Ubuntu Security Notification for Tomcat Vulnerabilities (USN-5360-1)

[20270](#) Oracle Database 21c Critical Patch Update - October 2022

[20271](#) Oracle Database 19c Critical Patch Update - October 2022

[20272](#) Oracle Database 19c Critical OJVM Patch Update - October 2022

[239760](#) Red Hat Update for red hat jboss web server 5.5.0 (RHSA-2021:2561)

[352262](#) Amazon Linux Security Advisory for tomcat7: ALAS-2021-1493

[352298](#) Amazon Linux Security Update for tomcat7: AL2012-2021-341

[356300](#) Amazon Linux Security Advisory for tomcat : ALASTOMCAT8.5-2023-009

[670219](#) EulerOS Security Update for tomcat (EulerOS-SA-2021-1856)

<a href="#">670309</a> EulerOS Security Update for tomcat (EulerOS-SA-2021-1915)
<a href="#">670333</a> EulerOS Security Update for tomcat (EulerOS-SA-2021-1891)
<a href="#">670677</a> EulerOS Security Update for tomcat (EulerOS-SA-2021-2435)
<a href="#">710609</a> Gentoo Linux Apache Tomcat Multiple Vulnerabilities (GLSA 202208-34)
<a href="#">730059</a> Atlassian Jira Server Multiple Security Vulnerabilities(JRASERVER-72211)
<a href="#">730228</a> McAfee Web Gateway Multiple Vulnerabilities (WP-3445, WP-3483, WP-3527, WP-3528, WP-3547, WP-3584,WP-3589,WP-3611)
<a href="#">730470</a> Atlassian Confluence Tomcat Vulnerability (CONFSERVER-62837)
<a href="#">730656</a> Apache Tomcat Request mix-up with h2c Vulnerability (CVE-2021-25122)
<a href="#">730662</a> Apache Tomcat Request mix-up with h2c Vulnerability (CVE-2021-25122)
<a href="#">730668</a> Apache Tomcat Request mix-up with h2c Vulnerability (CVE-2021-25122)
<a href="#">750285</a> OpenSUSE Security Update for tomcat (openSUSE-SU-2021:0496-1)
<a href="#">980338</a> Java (maven) Security Update for org.apache.tomcat.embed:tomcat-embed-core (GHSA-jgwr-3qm3-26f3)

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