



CVE-2020-9484

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

Summary

CVE	CVE-2020-9484
State	PUBLIC
Assigner	security@apache.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-05-20 19:15:00 UTC
Updated	2023-11-07 03:26:00 UTC
Description	When using Apache Tomcat versions 10.0.0-M1 to 10.0.0-M4, 9.0.0.M1 to 9.0.34, 8.5.0 to 8.5.54 and 7.0.0 to 7.0.103 if a) :

Risk And Classification

Problem Types: CWE-502

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	La
Application	Apache	Tomcat	All	All	All	Al
Application	Apache	Tomcat	10.0.0	milestone1	All	Al
Application	Apache	Tomcat	10.0.0	milestone2	All	Al
Application	Apache	Tomcat	10.0.0	milestone3	All	Al
Application	Apache	Tomcat	10.0.0	milestone4	All	Al
Application	Apache	Tomcat	9.0.0	milestone1	All	Al
Application	Apache	Tomcat	9.0.0	milestone10	All	Al
Application	Apache	Tomcat	9.0.0	milestone11	All	Al
Application	Apache	Tomcat	9.0.0	milestone12	All	Al
Application	Apache	Tomcat	9.0.0	milestone13	All	Al
Application	Apache	Tomcat	9.0.0	milestone14	All	Al
Application	Apache	Tomcat	9.0.0	milestone15	All	Al
Application	Apache	Tomcat	9.0.0	milestone16	All	Al
Application	Apache	Tomcat	9.0.0	milestone17	All	Al
Application	Apache	Tomcat	9.0.0	milestone18	All	Al
Application	Apache	Tomcat	9.0.0	milestone19	All	Al
Application	Apache	Tomcat	9.0.0	milestone2	All	Al

Application	Apache	Tomcat	9.0.0	milestone20	All	AI
Application	Apache	Tomcat	9.0.0	milestone21	All	AI
Application	Apache	Tomcat	9.0.0	milestone22	All	AI
Application	Apache	Tomcat	9.0.0	milestone23	All	AI
Application	Apache	Tomcat	9.0.0	milestone24	All	AI
Application	Apache	Tomcat	9.0.0	milestone25	All	AI
Application	Apache	Tomcat	9.0.0	milestone26	All	AI
Application	Apache	Tomcat	9.0.0	milestone27	All	AI
Application	Apache	Tomcat	9.0.0	milestone3	All	AI
Application	Apache	Tomcat	9.0.0	milestone4	All	AI
Application	Apache	Tomcat	9.0.0	milestone5	All	AI
Application	Apache	Tomcat	9.0.0	milestone6	All	AI
Application	Apache	Tomcat	9.0.0	milestone7	All	AI
Application	Apache	Tomcat	9.0.0	milestone8	All	AI
Application	Apache	Tomcat	9.0.0	milestone9	All	AI
Application	Apache	Tomcat	10.0.0	milestone1	All	AI
Application	Apache	Tomcat	10.0.0	milestone2	All	AI
Application	Apache	Tomcat	10.0.0	milestone3	All	AI
Application	Apache	Tomcat	10.0.0	milestone4	All	AI
Application	Apache	Tomcat	9.0.0	milestone1	All	AI
Application	Apache	Tomcat	9.0.0	milestone10	All	AI
Application	Apache	Tomcat	9.0.0	milestone11	All	AI
Application	Apache	Tomcat	9.0.0	milestone12	All	AI
Application	Apache	Tomcat	9.0.0	milestone13	All	AI
Application	Apache	Tomcat	9.0.0	milestone14	All	AI
Application	Apache	Tomcat	9.0.0	milestone15	All	AI
Application	Apache	Tomcat	9.0.0	milestone16	All	AI
Application	Apache	Tomcat	9.0.0	milestone17	All	AI
Application	Apache	Tomcat	9.0.0	milestone18	All	AI
Application	Apache	Tomcat	9.0.0	milestone19	All	AI
Application	Apache	Tomcat	9.0.0	milestone2	All	AI
Application	Apache	Tomcat	9.0.0	milestone20	All	AI
Application	Apache	Tomcat	9.0.0	milestone21	All	AI
Application	Apache	Tomcat	9.0.0	milestone22	All	AI
Application	Apache	Tomcat	9.0.0	milestone23	All	AI

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	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	20.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Operating System	Fedoraproject	Fedora	32	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Operating System	Fedoraproject	Fedora	32	All	All	All
Application	Mcafee	Epolicy Orchestrator	5.10.0	-	All	All
Application	Mcafee	Epolicy Orchestrator	5.10.0	update_1	All	All
Application	Mcafee	Epolicy Orchestrator	5.10.0	update_2	All	All
Application	Mcafee	Epolicy Orchestrator	5.10.0	update_3	All	All
Application	Mcafee	Epolicy Orchestrator	5.9.0	All	All	All
Application	Mcafee	Epolicy Orchestrator	5.9.1	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All

Application	Oracle	Agile Engineering Data Management	6.2.1.0	All	All	AI
Application	Oracle	Agile Plm	9.3.3	All	All	AI
Application	Oracle	Agile Plm	9.3.5	All	All	AI
Application	Oracle	Agile Plm	9.3.6	All	All	AI
Application	Oracle	Communications Cloud Native Core Binding Support Function	1.10.0	All	All	AI
Application	Oracle	Communications Cloud Native Core Policy	1.14.0	All	All	AI
Application	Oracle	Communications Diameter Signaling Router	All	All	All	AI
Application	Oracle	Communications Element Manager	All	All	All	AI
Application	Oracle	Communications Instant Messaging Server	10.0.1.4.0	All	All	AI
Application	Oracle	Communications Session Report Manager	All	All	All	AI
Application	Oracle	Communications Session Route Manager	All	All	All	AI
Application	Oracle	Database	12.2.0.1	All	All	AI
Application	Oracle	Database	19c	All	All	AI
Application	Oracle	Database	21c	All	All	AI
Application	Oracle	Fmw Platform	12.2.1.3.0	All	All	AI
Application	Oracle	Fmw Platform	12.2.1.4.0	All	All	AI
Application	Oracle	Hospitality Guest Access	4.2.0	All	All	AI
Application	Oracle	Hospitality Guest Access	4.2.1	All	All	AI
Application	Oracle	Instantis Enterprisetrack	All	All	All	AI
Application	Oracle	Managed File Transfer	12.2.1.3.0	All	All	AI
Application	Oracle	Managed File Transfer	12.2.1.4.0	All	All	AI
Application	Oracle	Mysql Enterprise Monitor	All	All	All	AI
Application	Oracle	Retail Order Broker	15.0	All	All	AI
Application	Oracle	Siebel Apps - Marketing	All	All	All	AI
Application	Oracle	Siebel Ui Framework	All	All	All	AI
Application	Oracle	Transportation Management	6.3.7	All	All	AI
Application	Oracle	Workload Manager	12.2.0.1	All	All	AI
Application	Oracle	Workload Manager	18c	All	All	AI
Application	Oracle	Workload Manager	19c	All	All	AI



References

Reference
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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
Oracle Critical Patch Update Advisory - July 2020
[SECURITY] Fedora 31 Update: tomcat-9.0.36-1.fc31 - package-announce - Fedora Mailing-Lists
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[announce] 20210301 [SECURITY] CVE-2021-25329 Apache Tomcat Incomplete fix for CVE-2020-9484 (RCE via session persistence)
Apache Tomcat CVE-2020-9484 Proof Of Concept ≈ Packet Storm
[security-announce] openSUSE-SU-2020:0711-1: important: Security update
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Oracle Critical Patch Update Advisory - October 2020
Oracle Critical Patch Update Advisory - July 2021
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[SECURITY] [DLA 2217-1] tomcat7 security update
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[SECURITY] Fedora 32 Update: tomcat-9.0.36-1.fc32 - package-announce - Fedora Mailing-Lists
[SECURITY] [DLA 2209-1] tomcat8 security update
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[tomcat-dev] 20210301 [SECURITY] CVE-2021-25329 Apache Tomcat Incomplete fix for CVE-2020-9484 (RCE via session persistence)
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[tomcat-users] 20210701 What is "h2c"? What is CVE-2021-25329? Re: Most recent security-related update to 8.5
USN-4448-1: Tomcat vulnerabilities Ubuntu security notices Ubuntu
[tomcat-dev] 20210712 svn commit: r1891484 - in /tomcat/site/trunk: docs/security-10.html docs/security-7.html docs/security-8.html docs/sec
[SECURITY] [DLA 2279-1] tomcat8 security update
oss-security - CVE-2021-25329: Apache Tomcat Incomplete fix for CVE-2020-9484

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Full Disclosure: [CVE-2020-9484] Apache Tomcat RCE via PersistentManager
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CVE-2020-9484 Apache Tomcat Vulnerability in NetApp Products NetApp Product Security
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Apache Tomcat: Remote code execution (GLSA 202006-21) — Gentoo security
[tomcat-dev] 20210301 svn commit: r1887027 - in /tomcat/site/trunk: docs/security-10.html docs/security-7.html docs/security-8.html docs/sec
McAfee Security Bulletin - ePolicy Orchestrator update addresses multiple vulnerabilities (CVE-2020-7317, CVE-2020-7318, CVE-2020-13935)
[tomcat-users] 20210702 Re: CVE-2021-25329, was Re: Most recent security-related update to 8.5
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[SECURITY] Fedora 32 Update: tomcat-9.0.36-1.fc32 - package-announce - Fedora Mailing-Lists
Oracle Critical Patch Update Advisory - July 2022
Oracle Critical Patch Update Advisory - April 2021
Oracle Critical Patch Update Advisory - January 2021
Debian -- Security Information -- DSA-4727-1 tomcat9
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CVE Program record
NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[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)

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181163 Debian Security Update for tomcat9 (DLA 3160-1)
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296062 Oracle Solaris 11.4 Support Repository Update (SRU) 43.113.3 Missing (CPUJAN2022)
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352256 Amazon Linux Security Advisory for tomcat8: ALAS-2021-1491
352262 Amazon Linux Security Advisory for tomcat7: ALAS-2021-1493
352298 Amazon Linux Security Update for tomcat7: AL2012-2021-341
356283 Amazon Linux Security Advisory for tomcat : ALASTOMCAT8.5-2023-008
356300 Amazon Linux Security Advisory for tomcat : ALASTOMCAT8.5-2023-009
377006 Alibaba Cloud Linux Security Update for tomcat (ALINUX2-SA-2020:0099)
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730510 Atlassian Jira Remote Code Execution (RCE) Vulnerability (JRASERVER-73223)
730575 Atlassian Jira Server and Data Center Multiple Servlet Apache Tomcat Vulnerability (JRASERVER-73739)
730646 Apache Tomcat Local Privilege Escalation Vulnerability (CVE-2020-9484)
730651 Apache Tomcat Local Privilege Escalation Vulnerability (CVE-2020-9484)
730656 Apache Tomcat Request mix-up with h2c Vulnerability (CVE-2021-25122)
730660 Apache Tomcat Local Privilege Escalation Vulnerability (CVE-2020-9484)
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730668 Apache Tomcat Request mix-up with h2c Vulnerability (CVE-2021-25122)
750285 OpenSUSE Security Update for tomcat (openSUSE-SU-2021:0496-1)
982093 .java (maven) Security Update for org.apache.tomcat.embed:tomcat-embed-core (GHSA-344f-f5vq-2ifi)

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