



CVE-2019-0232

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

Summary

CVE	CVE-2019-0232
State	PUBLIC
Assigner	security@apache.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-04-15 15:29:00 UTC
Updated	2023-12-08 16:41:00 UTC
Description	When running on Windows with enableCmdLineArguments enabled, the CGI Servlet in Apache Tomcat 9.0.0.M1 to 9.0.17,

Risk And Classification

Problem Types: CWE-78

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Apache	Tomcat	9.0.0	m1	All	All
Application	Apache	Tomcat	9.0.0	m10	All	All
Application	Apache	Tomcat	9.0.0	m11	All	All
Application	Apache	Tomcat	9.0.0	m12	All	All
Application	Apache	Tomcat	9.0.0	m13	All	All
Application	Apache	Tomcat	9.0.0	m14	All	All
Application	Apache	Tomcat	9.0.0	m15	All	All
Application	Apache	Tomcat	9.0.0	m16	All	All
Application	Apache	Tomcat	9.0.0	m17	All	All
Application	Apache	Tomcat	9.0.0	m18	All	All
Application	Apache	Tomcat	9.0.0	m19	All	All
Application	Apache	Tomcat	9.0.0	m2	All	All
Application	Apache	Tomcat	9.0.0	m20	All	All
Application	Apache	Tomcat	9.0.0	m21	All	All
Application	Apache	Tomcat	9.0.0	m22	All	All
Application	Apache	Tomcat	9.0.0	m23	All	All
Application	Apache	Tomcat	9.0.0	m24	All	All

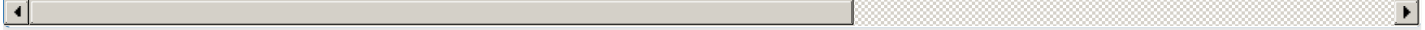
Application	Apache	Tomcat	9.0.0	m25	All	All
Application	Apache	Tomcat	9.0.0	m26	All	All
Application	Apache	Tomcat	9.0.0	m3	All	All
Application	Apache	Tomcat	9.0.0	m4	All	All
Application	Apache	Tomcat	9.0.0	m5	All	All
Application	Apache	Tomcat	9.0.0	m6	All	All
Application	Apache	Tomcat	9.0.0	m7	All	All
Application	Apache	Tomcat	9.0.0	m8	All	All
Application	Apache	Tomcat	9.0.0	m9	All	All
Application	Apache	Tomcat	9.0.0	milestone1	All	All
Application	Apache	Tomcat	9.0.0	milestone10	All	All
Application	Apache	Tomcat	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	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	9.0.0	m1	All	All
Application	Apache	Tomcat	9.0.0	m10	All	All
Application	Apache	Tomcat	9.0.0	m11	All	All
Application	Apache	Tomcat	9.0.0	m12	All	All
Application	Apache	Tomcat	9.0.0	m13	All	All
Application	Apache	Tomcat	9.0.0	m14	All	All
Application	Apache	Tomcat	9.0.0	m15	All	All
Application	Apache	Tomcat	9.0.0	m16	All	All
Application	Apache	Tomcat	9.0.0	m17	All	All
Application	Apache	Tomcat	9.0.0	m18	All	All
Application	Apache	Tomcat	9.0.0	m19	All	All
Application	Apache	Tomcat	9.0.0	m2	All	All
Application	Apache	Tomcat	9.0.0	m20	All	All
Application	Apache	Tomcat	9.0.0	m21	All	All
Application	Apache	Tomcat	9.0.0	m22	All	All
Application	Apache	Tomcat	9.0.0	m23	All	All
Application	Apache	Tomcat	9.0.0	m24	All	All
Application	Apache	Tomcat	9.0.0	m25	All	All
Application	Apache	Tomcat	9.0.0	m26	All	All
Application	Apache	Tomcat	9.0.0	m3	All	All
Application	Apache	Tomcat	9.0.0	m4	All	All
Application	Apache	Tomcat	9.0.0	m5	All	All
Application	Apache	Tomcat	9.0.0	m6	All	All
Application	Apache	Tomcat	9.0.0	m7	All	All
Application	Apache	Tomcat	9.0.0	m8	All	All
Application	Apache	Tomcat	9.0.0	m9	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	Microsoft	Windows	-	All	All	All
Operating System	Microsoft	Windows	-	All	All	All

References

Reference	Source
Pony Mail!	MLIST
Pony Mail!	

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April 2019 Apache Tomcat Vulnerabilities in NetApp Products NetApp Product Security	CONFIRM
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code white Blog: Java and Command Line Injections in Windows	MISC
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Everyone quotes command line arguments the wrong way – Twisty Little Passages, All Alike	MISC
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Broadcom Inc. Connecting Everything	CONFIRM
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Remote Code Execution (RCE) in CGI Servlet – Apache Tomcat on Windows – CVE-2019-0232 Nightwatch Cybersecurity	MISC
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Oracle Critical Patch Update - July 2019	MISC
Synology Inc.	CONFIRM
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Apache Tomcat CGIServlet enableCmdLineArguments Remote Code Execution ≈ Packet Storm	MISC
Red Hat Customer Portal	REDHAT

Oracle Critical Patch Update - October 2019	MISC
Oracle Critical Patch Update Advisory - January 2020	MISC
Pony Mail!	MLIST
Uncovering CVE-2019-0232: A Remote Code Execution Vulnerability in Apache Tomcat - TrendLabs Security Intelligence Blog	MISC
Pony Mail!	MLIST
Oracle Critical Patch Update Advisory - April 2020	N/A
Full Disclosure: RCE in CGI Servlet – Apache Tomcat on Windows – CVE-2019-0232	FULLDISC
Pony Mail!	
Pony Mail!	
Apache Tomcat CVE-2019-0232 Remote Code Execution Vulnerability	BID
Oracle Critical Patch Update Advisory - April 2021	MISC
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD
	
No vendor comments have been submitted for this CVE.	
Legacy QID Mappings	
20287 Oracle Database 19c OJVM Critical Patch Update - January 2020	
20300 Oracle Database 18c Critical OJVM Patch Update - January 2020	
20305 Oracle Database 12.2.0.1 Critical OJVM Patch Update - January 2020	
982261 Java (maven) Security Update for org.apache.tomcat.embed:tomcat-embed-core (GHSA-8vmx-qmch-mpqg)	

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