



CVE-2018-1304

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

Summary

CVE	CVE-2018-1304
State	PUBLIC
Assigner	security@apache.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-02-28 20:29:00 UTC
Updated	2023-12-08 16:41:00 UTC
Description	The URL pattern of "" (the empty string) which exactly maps to the context root was not correctly handled in Apache Tomcat

Risk And Classification

Problem Types: NVD-CWE-noinfo

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Apache	Tomcat	8.0.0	rc1	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	m27	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	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	8.0.0	rc1	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	m27	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
Application	Apache	Tomcat	All	All	All	All

Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	17.10	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	17.10	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Debian	Debian Linux	7.0	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	7.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Oracle	Fusion Middleware	12.2.1.3.0	All	All	All
Application	Oracle	Fusion Middleware	12.2.1.3.0	All	All	All
Application	Oracle	Hospitality Guest Access	4.2.0	All	All	All
Application	Oracle	Hospitality Guest Access	4.2.1	All	All	All
Application	Oracle	Hospitality Guest Access	4.2.0	All	All	All
Application	Oracle	Hospitality Guest Access	4.2.1	All	All	All
Application	Oracle	Micros Relate Crm Software	11.4	All	All	All
Application	Oracle	Micros Relate Crm Software	11.4	All	All	All
Application	Oracle	Secure Global Desktop	5.3	All	All	All
Application	Oracle	Secure Global Desktop	5.4	All	All	All
Application	Oracle	Secure Global Desktop	5.3	All	All	All
Application	Oracle	Secure Global Desktop	5.4	All	All	All
Operating System	Redhat	Enterprise Linux	6.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	6.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Application	Redhat	Jboss Enterprise Application Platform	6	All	All	All
Application	Redhat	Jboss Enterprise Application Platform	6.4	All	All	All
Application	Redhat	Jboss Enterprise Application Platform	6	All	All	All
Application	Redhat	Jboss Enterprise Application Platform	6.4	All	All	All
Application	Redhat	Jboss Enterprise Web Server	3.0.0	All	All	All
Application	Redhat	Jboss Enterprise Web Server	3.0.0	All	All	All

Application	Redhat	Jboss Middleware	1	All	All	All
Application	Redhat	Jboss Middleware	1	All	All	All

References

Reference
Pony Mail!
[SECURITY] [DLA 1301-1] tomcat7 security update
Red Hat Customer Portal
Pony Mail!
Pony Mail!
Apache Mail Archives
Red Hat Customer Portal
Pony Mail!
Pony Mail!
Pony Mail!
Pony Mail!
Red Hat Customer Portal
Apache Tomcat URL Pattern Processing Error Lets Remote Users Bypass Certain Security Constraints on the Target System - SecurityTracks
Pony Mail!
Pony Mail!
Red Hat Customer Portal
Red Hat Customer Portal
Pony Mail!
[SECURITY] [DLA 1400-1] tomcat7 security update
CPU July 2018
Pony Mail!
Pony Mail!
Pony Mail!
Pony Mail!
Pony Mail!
Pony Mail!
Red Hat Customer Portal
Pony Mail!
[SECURITY] [DLA 1450-1] tomcat8 security update
Pony Mail!
Apache Mail Archives
Red Hat Customer Portal

Red Hat Customer Portal

Pony Mail!

Red Hat Customer Portal

Pony Mail!

Pony Mail!

Apache Tomcat CVE-2018-1304 Security Bypass Vulnerability

Pony Mail!

Pony Mail!

Pony Mail!

USN-3665-1: Tomcat vulnerabilities | Ubuntu security notices

Oracle Critical Patch Update - July 2019

Pony Mail!

Pony Mail!

CPU Oct 2018

Pony Mail!

Pony Mail!

Pony Mail!

Oracle Critical Patch Update Advisory - April 2020

Red Hat Customer Portal

Red Hat Customer Portal

February 2018 Apache Tomcat Vulnerabilities in NetApp Products | NetApp Product Security

Pony Mail!

Pony Mail!

Pony Mail!

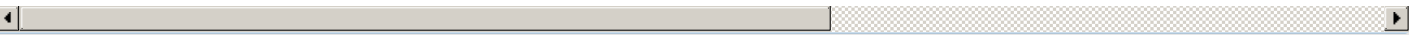
Debian -- Security Information -- DSA-4281-1 tomcat8

Pony Mail!

Oracle Critical Patch Update Advisory - April 2019

CVE Program record

NVD vulnerability detail



No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[690607](#) Free Berkeley Software Distribution (FreeBSD) Security Update for tomcat (55c4233e-1844-11e8-a712-0025908740c2)

[981252](#) Java (maven) Security Update for org.apache.tomcat.embed:tomcat-embed-core (GHSA-6rxj-58jh-436r)

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