



CVE-2018-12022

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2018-12022
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-03-21 16:00:00 UTC
Updated	2023-11-07 02:52:00 UTC
Description	An issue was discovered in FasterXML jackson-databind prior to 2.7.9.4, 2.8.11.2, and 2.9.6. When Default Typing is enabled

Risk And Classification

Problem Types: CWE-502

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Fasterxml	Jackson-databind	All	All	All	All
Application	Fasterxml	Jackson-databind	All	All	All	All
Operating System	Fedoraproject	Fedora	29	All	All	All
Operating System	Fedoraproject	Fedora	29	All	All	All
Application	Oracle	Jd Edwards Enterpriseone Tools	9.2	All	All	All
Application	Oracle	Jd Edwards Enterpriseone Tools	9.2	All	All	All
Application	Oracle	Retail Merchandising System	15.0	All	All	All
Application	Oracle	Retail Merchandising System	15.0	All	All	All
Application	Redhat	Automation Manager	7.3.1	All	All	All
Application	Redhat	Automation Manager	7.3.1	All	All	All
Application	Redhat	Decision Manager	7.3.1	All	All	All
Application	Redhat	Decision Manager	7.3.1	All	All	All
Application	Redhat	Jboss Brms	6.4.10	All	All	All
Application	Redhat	Jboss Brms	6.4.10	All	All	All
Application	Redhat	Jboss Enterprise Application Platform	7.2.0	All	All	All

Application	Redhat	Jboss Enterprise Application Platform	7.2.0	All	All	All
Application	Redhat	Openshift Container Platform	3.11	All	All	All
Application	Redhat	Openshift Container Platform	3.11	All	All	All
Application	Redhat	Single Sign-on	7.3	All	All	All
Application	Redhat	Single Sign-on	7.3	All	All	All

References

Reference	Source
Red Hat Customer Portal	REDHAT
Red Hat Customer Portal	REDHAT
FasterXML Jackson-databind CVE-2018-12022 Remote Code Execution Vulnerability	BID
Red Hat Customer Portal	REDHAT
Red Hat Customer Portal	REDHAT
Red Hat Customer Portal	REDHAT
Pony Mail!	
Pony Mail!	MLIST
On Jackson CVEs: Don't Panic — Here is what you need to know by @cowtowncoder Medium	
[SECURITY] Fedora 29 Update: jackson-modules-base-2.9.8-1.fc29 - package-announce - Fedora Mailing-Lists	MISC
Pony Mail!	MLIST
Pony Mail!	
www.blackhat.com/docs/us-16/materials/us-16-Munoz-A-Journey-From-JNDI-LDAP-Man...	MISC
Red Hat Customer Portal	REDHAT
Oracle Critical Patch Update Advisory - October 2020	MISC
Bugtraq: [SECURITY] [DSA 4452-1] jackson-databind security update	BUGTRAQ
Red Hat Customer Portal	REDHAT
Pony Mail!	
Red Hat Customer Portal	REDHAT
Red Hat Customer Portal	REDHAT
1671098 – CVE-2018-12022 jackson-databind: improper polymorphic deserialization of types from Jodd-db library [fedora-all]	CONFIRM
On Jackson CVEs: Don't Panic — Here is what you need to know by @cowtowncoder Medium	MISC
Oracle Critical Patch Update - July 2019	MISC
Debian -- Security Information -- DSA-4452-1 jackson-databind	DEBIAN
Red Hat Customer Portal	REDHAT
Red Hat Customer Portal	REDHAT
Red Hat Customer Portal	REDHAT
Red Hat Customer Portal	REDHAT
Red Hat Customer Portal	REDHAT

Red Hat Customer Portal	REDHAT
Red Hat Customer Portal	REDHAT
Block one more gadget type (jodd-db, CVE-2018-12022) · Issue #2052 · FasterXML/jackson-databind · GitHub	CONFIRM
[SECURITY] Fedora 29 Update: jackson-modules-base-2.9.8-1.fc29 - package-announce - Fedora Mailing-Lists	
Pony Mail!	MLIST
Oracle Critical Patch Update Advisory - April 2020	N/A
Red Hat Customer Portal	REDHAT
May 2019 FasterXML jackson-databind Vulnerabilities in NetApp Products NetApp Product Security	CONFIRM
Red Hat Customer Portal	REDHAT
Red Hat Customer Portal	REDHAT
Pony Mail!	MLIST
Backport #2052, #2058 fixes for 2.7.9.4 · FasterXML/jackson-databind@28badf7 · GitHub	CONFIRM
Pony Mail!	
Red Hat Customer Portal	REDHAT
Oracle Critical Patch Update Advisory - April 2019	MISC
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[982280](#) Java (maven) Security Update for com.fasterxml.jackson.core:jackson-databind (GHSA-cjff-94ff-43w7)

[983461](#) Java (maven) Security Update for com.fasterxml.jackson.core:jackson-databind (GHSA-wrr7-33fx-rcvj)

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