



CVE-2020-10968

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

Summary

CVE	CVE-2020-10968
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-03-26 13:15:00 UTC
Updated	2023-11-07 03:14:00 UTC
Description	FasterXML jackson-databind 2.x before 2.9.10.4 mishandles the interaction between serialization gadgets and typing, relate

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	8.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Application	Fasterxml	Jackson-databind	All	All	All	All
Application	Fasterxml	Jackson-databind	All	All	All	All
Application	Netapp	Steelstore Cloud Integrated Storage	-	All	All	All
Application	Netapp	Steelstore Cloud Integrated Storage	-	All	All	All
Application	Oracle	Agile Plm	9.3.6	All	All	All
Application	Oracle	Agile Plm	9.3.6	All	All	All
Application	Oracle	Autovue For Agile Product Lifecycle Management	21.0.2	All	All	All
Application	Oracle	Banking Digital Experience	18.1	All	All	All
Application	Oracle	Banking Digital Experience	18.2	All	All	All
Application	Oracle	Banking Digital Experience	18.3	All	All	All
Application	Oracle	Banking Digital Experience	19.1	All	All	All
Application	Oracle	Banking Digital Experience	19.2	All	All	All
Application	Oracle	Banking Digital Experience	20.1	All	All	All
Application	Oracle	Banking Digital Experience	18.1	All	All	All
Application	Oracle	Banking Digital Experience	18.2	All	All	All

Application	Oracle	Banking Digital Experience	18.3	All	All	All
Application	Oracle	Banking Digital Experience	19.1	All	All	All
Application	Oracle	Banking Digital Experience	19.2	All	All	All
Application	Oracle	Banking Digital Experience	20.1	All	All	All
Application	Oracle	Banking Platform	All	All	All	All
Application	Oracle	Communications Calendar Server	8.0.0.4.0	All	All	All
Application	Oracle	Communications Calendar Server	8.0.0.4.0	All	All	All
Application	Oracle	Communications Contacts Server	8.0.0.4.0	All	All	All
Application	Oracle	Communications Contacts Server	8.0.0.5.0	All	All	All
Application	Oracle	Communications Contacts Server	8.0.0.4.0	All	All	All
Application	Oracle	Communications Contacts Server	8.0.0.5.0	All	All	All
Application	Oracle	Communications Diameter Signaling Router	All	All	All	All
Application	Oracle	Communications Element Manager	All	All	All	All
Application	Oracle	Communications Evolved Communications Application Server	7.1	All	All	All
Application	Oracle	Communications Evolved Communications Application Server	7.1	All	All	All
Application	Oracle	Communications Instant Messaging Server	10.0.1.4.0	All	All	All
Application	Oracle	Communications Instant Messaging Server	10.0.1.4.0	All	All	All
Application	Oracle	Communications Network Charging And Control	6.0.1	All	All	All
Application	Oracle	Communications Network Charging And Control	6.0.1	All	All	All
Application	Oracle	Communications Network Charging And Control	All	All	All	All
Application	Oracle	Communications Session Report Manager	All	All	All	All
Application	Oracle	Communications Session Route Manager	All	All	All	All
Application	Oracle	Enterprise Manager Base Platform	13.3.0.0	All	All	All
Application	Oracle	Enterprise Manager Base Platform	13.4.0.0	All	All	All
Application	Oracle	Enterprise Manager Base Platform	13.3.0.0	All	All	All
Application	Oracle	Enterprise Manager Base Platform	13.4.0.0	All	All	All
Application	Oracle	Financial Services Analytical Applications Infrastructure	All	All	All	All
Application	Oracle	Financial Services Institutional Performance Analytics	8.0.6	All	All	All
Application	Oracle	Financial Services Institutional Performance Analytics	8.0.7	All	All	All
Application	Oracle	Financial Services Institutional Performance Analytics	8.1.0	All	All	All
Application	Oracle	Financial Services Institutional Performance Analytics	8.0.6	All	All	All
Application	Oracle	Financial Services Institutional Performance Analytics	8.0.7	All	All	All
Application	Oracle	Financial Services Institutional Performance Analytics	8.1.0	All	All	All
Application	Oracle	Financial Services Price Creation And Discovery	8.0.6	All	All	All
Application	Oracle	Financial Services Price Creation And Discovery	8.0.7	All	All	All

Application	Oracle	Financial Services Price Creation And Discovery	8.0.6	All	All	All
Application	Oracle	Financial Services Price Creation And Discovery	8.0.7	All	All	All
Application	Oracle	Financial Services Retail Customer Analytics	8.0.6	All	All	All
Application	Oracle	Financial Services Retail Customer Analytics	8.0.6	All	All	All
Application	Oracle	Global Lifecycle Management Opatch	All	All	All	All
Application	Oracle	Global Lifecycle Management Opatch	All	All	All	All
Application	Oracle	Insurance Policy Administration J2ee	11.0.2.25	All	All	All
Application	Oracle	Insurance Policy Administration J2ee	11.1.0.15	All	All	All
Application	Oracle	Insurance Policy Administration J2ee	11.0.2.25	All	All	All
Application	Oracle	Insurance Policy Administration J2ee	11.1.0.15	All	All	All
Application	Oracle	Jd Edwards Enterpriseone Orchestrator	All	All	All	All
Application	Oracle	Jd Edwards Enterpriseone Orchestrator	All	All	All	All
Application	Oracle	Jd Edwards Enterpriseone Tools	All	All	All	All
Application	Oracle	Jd Edwards Enterpriseone Tools	All	All	All	All
Application	Oracle	Primavera Unifier	16.1	All	All	All
Application	Oracle	Primavera Unifier	16.2	All	All	All
Application	Oracle	Primavera Unifier	18.8	All	All	All
Application	Oracle	Primavera Unifier	19.12	All	All	All
Application	Oracle	Primavera Unifier	16.1	All	All	All
Application	Oracle	Primavera Unifier	16.2	All	All	All
Application	Oracle	Primavera Unifier	18.8	All	All	All
Application	Oracle	Primavera Unifier	19.12	All	All	All
Application	Oracle	Primavera Unifier	All	All	All	All
Application	Oracle	Retail Merchandising System	15.0	All	All	All
Application	Oracle	Retail Merchandising System	15.0	All	All	All
Application	Oracle	Retail Sales Audit	14.1	All	All	All
Application	Oracle	Retail Sales Audit	14.1	All	All	All
Application	Oracle	Retail Service Backbone	14.1	All	All	All
Application	Oracle	Retail Service Backbone	15.0	All	All	All
Application	Oracle	Retail Service Backbone	16.0	All	All	All
Application	Oracle	Retail Service Backbone	14.1	All	All	All
Application	Oracle	Retail Service Backbone	15.0	All	All	All
Application	Oracle	Retail Service Backbone	16.0	All	All	All
Application	Oracle	Retail Xstore Point Of Service	15.0	All	All	All
Application	Oracle	Retail Xstore Point Of Service	16.0	All	All	All

Application	Oracle	Retail Xstore Point Of Service	17.0	All	All	All
Application	Oracle	Retail Xstore Point Of Service	18.0	All	All	All
Application	Oracle	Retail Xstore Point Of Service	19.0	All	All	All
Application	Oracle	Retail Xstore Point Of Service	15.0	All	All	All
Application	Oracle	Retail Xstore Point Of Service	16.0	All	All	All
Application	Oracle	Retail Xstore Point Of Service	17.0	All	All	All
Application	Oracle	Retail Xstore Point Of Service	18.0	All	All	All
Application	Oracle	Retail Xstore Point Of Service	19.0	All	All	All
Application	Oracle	Weblogic Server	12.2.1.3.0	All	All	All
Application	Oracle	Weblogic Server	12.2.1.4.0	All	All	All
Application	Oracle	Weblogic Server	12.2.1.3.0	All	All	All
Application	Oracle	Weblogic Server	12.2.1.4.0	All	All	All

References

Reference	Source	Link
April 2020 FasterXML jackson-databind Vulnerabilities in NetApp Products NetApp Product Security	CONFIRM	security.netapp.com
On Jackson CVEs: Don't Panic — Here is what you need to know by @cowtowncoder Medium		medium.com
Oracle Critical Patch Update Advisory - July 2020	MISC	www.oracle.com
Block one more gadget type (bus-proxy, CVE-2020-10968) · Issue #2662 · FasterXML/jackson-databind · GitHub	MISC	github.com
Oracle Critical Patch Update Advisory - October 2020	MISC	www.oracle.com
Oracle Critical Patch Update Advisory - October 2021	MISC	www.oracle.com
[SECURITY] [DLA 2179-1] jackson-databind security update	MLIST	lists.debian.org
On Jackson CVEs: Don't Panic — Here is what you need to know by @cowtowncoder Medium	MISC	medium.com
Oracle Critical Patch Update Advisory - January 2021	MISC	www.oracle.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[238742](#) Red Hat Update for Satellite 6.8 release (RHSA-2020:4366)

[980313](#) Java (maven) Security Update for com.fasterxml.jackson.core:jackson-databind (GHSA-rf6r-2c4q-2vww)

completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)