



CVE-2020-10672

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

Summary

CVE	CVE-2020-10672
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-03-18 22:15:00 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: NVD-CWE-Other

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	Li
April 2020 FasterXML jackson-databind Vulnerabilities in NetApp Products NetApp Product Security	CONFIRM	se
On Jackson CVEs: Don't Panic — Here is what you need to know by @cowtowncoder Medium		me
Oracle Critical Patch Update Advisory - July 2020	MISC	wv
[SECURITY] [DLA 2153-1] jackson-databind security update	MLIST	lis
Oracle Critical Patch Update Advisory - October 2020	MISC	wv
Block one more gadget type (aries.transaction.jms, CVE-2020-10672) · Issue #2659 · FasterXML/jackson-databind · GitHub	MISC	git
Oracle Critical Patch Update Advisory - October 2021	MISC	wv
On Jackson CVEs: Don't Panic — Here is what you need to know by @cowtowncoder Medium	MISC	me
Oracle Critical Patch Update Advisory - January 2021	MISC	wv
CVE Program record	CVE.ORG	wv
NVD vulnerability detail	NVD	nv

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[940247](#) AlmaLinux Security Update for pki-core:10.6 and pki-deps:10.6 (ALSA-2020:1644)

[960724](#) Rocky Linux Security Update for pki-core:10.6 and pki-deps:10.6 (RLSA-2020:1644)

[980302](#) Java (maven) Security Update for com.fasterxml.jackson.core:jackson-databind (GHSA-95cm-88f5-f2c7)

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