



# CVE-2020-11112

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2020-11112
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-03-31 05:15:00 UTC
<b>Updated</b>	2023-11-07 03:14:00 UTC
<b>Description</b>	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	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	8.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	8.0	All	All	All
Application	<a href="#">Fasterxml</a>	<a href="#">Jackson-databind</a>	All	All	All	All
Application	<a href="#">Fasterxml</a>	<a href="#">Jackson-databind</a>	All	All	All	All
Application	<a href="#">Netapp</a>	<a href="#">Steelstore Cloud Integrated Storage</a>	-	All	All	All
Application	<a href="#">Netapp</a>	<a href="#">Steelstore Cloud Integrated Storage</a>	-	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Agile Plm</a>	9.3.6	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Agile Plm</a>	9.3.6	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Autovue For Agile Product Lifecycle Management</a>	21.0.2	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Banking Digital Experience</a>	18.1	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Banking Digital Experience</a>	18.2	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Banking Digital Experience</a>	18.3	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Banking Digital Experience</a>	19.1	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Banking Digital Experience</a>	19.2	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Banking Digital Experience</a>	20.1	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Banking Digital Experience</a>	18.1	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Banking Digital Experience</a>	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
April 2020 FasterXML jackson-databind Vulnerabilities in NetApp Products   NetApp Product Security	CONFIRM
On Jackson CVEs: Don't Panic — Here is what you need to know   by @cowtowncoder   Medium	
Oracle Critical Patch Update Advisory - July 2020	MISC
Oracle Critical Patch Update Advisory - October 2020	MISC
Oracle Critical Patch Update Advisory - October 2021	MISC
[SECURITY] [DLA 2179-1] jackson-databind security update	MLIST
On Jackson CVEs: Don't Panic — Here is what you need to know   by @cowtowncoder   Medium	MISC
Block one more gadget type (apache/commons-proxy, CVE-2020-11112) · Issue #2666 · FasterXML/jackson-databind · GitHub	MISC
Oracle Critical Patch Update Advisory - January 2021	MISC
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

980309 Java (maven) Security Update for com.fasterxml.jackson.core:jackson-databind (GHSA-58pp-9c76-5625)

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