



CVE-2020-36186

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

Summary

CVE	CVE-2020-36186
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-01-06 23:15:00 UTC
Updated	2023-09-13 14:57:00 UTC
Description	FasterXML jackson-databind 2.x before 2.9.10.8 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	9.0	All	All	All
Application	Fasterxml	Jackson-databind	All	All	All	All
Application	Fasterxml	Jackson-databind	All	All	All	All
Application	Netapp	Cloud Backup	-	All	All	All
Application	Netapp	Service Level Manager	-	All	All	All
Application	Netapp	Service Level Manager	-	All	All	All
Application	Oracle	Agile Plm	9.3.6	All	All	All
Application	Oracle	Application Testing Suite	13.3.0.1	All	All	All
Application	Oracle	Autovue For Agile Product Lifecycle Management	21.0.2	All	All	All
Application	Oracle	Banking Corporate Lending Process Management	14.2	All	All	All
Application	Oracle	Banking Corporate Lending Process Management	14.3	All	All	All
Application	Oracle	Banking Corporate Lending Process Management	14.5	All	All	All
Application	Oracle	Banking Credit Facilities Process Management	14.2	All	All	All
Application	Oracle	Banking Credit Facilities Process Management	14.3	All	All	All
Application	Oracle	Banking Credit Facilities Process Management	14.5	All	All	All
Application	Oracle	Banking Extensibility Workbench	14.2	All	All	All
Application	Oracle	Banking Extensibility Workbench	14.3	All	All	All

Application	Oracle	Banking Extensibility Workbench	14.5	All	All	All
Application	Oracle	Banking Supply Chain Finance	14.2	All	All	All
Application	Oracle	Banking Supply Chain Finance	14.3	All	All	All
Application	Oracle	Banking Supply Chain Finance	14.5	All	All	All
Application	Oracle	Banking Treasury Management	4.4	All	All	All
Application	Oracle	Banking Virtual Account Managemen	14.2	All	All	All
Application	Oracle	Banking Virtual Account Managemen	14.3	All	All	All
Application	Oracle	Banking Virtual Account Managemen	14.5	All	All	All
Application	Oracle	Banking Virtual Account Management	14.2.0	All	All	All
Application	Oracle	Banking Virtual Account Management	14.3.0	All	All	All
Application	Oracle	Banking Virtual Account Management	14.5.0	All	All	All
Application	Oracle	Blockchain Platform	All	All	All	All
Application	Oracle	Commerce Platform	11.2.0	All	All	All
Application	Oracle	Commerce Platform	All	All	All	All
Application	Oracle	Communications Billing And Revenue Management	12.0.0.3.0	All	All	All
Application	Oracle	Communications Billing And Revenue Management	7.5.0.23.0	All	All	All
Application	Oracle	Communications Cloud Native Core Policy	1.14.0	All	All	All
Application	Oracle	Communications Cloud Native Core Unified Data Repository	1.4.0	All	All	All
Application	Oracle	Communications Convergent Charging Controller	12.0.4.0.0	All	All	All
Application	Oracle	Communications Diameter Signaling Route	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 Instant Messaging Server	10.0.1.5.0	All	All	All
Application	Oracle	Communications Network Charging And Control	12.0.4.0.0	All	All	All
Application	Oracle	Communications Offline Mediation Controller	12.0.0.3	All	All	All
Application	Oracle	Communications Policy Management	12.5.0	All	All	All
Application	Oracle	Communications Pricing Design Center	12.0.0.4.0	All	All	All
Application	Oracle	Communications Services Gatekeeper	7.0	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	Communications Unified Inventory Management	7.4.1	All	All	All
Application	Oracle	Data Integrator	12.2.1.4.0	All	All	All
Application	Oracle	Documaker	12.6.0	All	All	All
Application	Oracle	Documaker	12.6.3	All	All	All
Application	Oracle	Documaker	12.6.4	All	All	All

Application	Oracle	Goldengate Application Adapters	19.1.0.0.0	All	All	All
Application	Oracle	Insurance Policy Administration	11.0.2	All	All	All
Application	Oracle	Insurance Policy Administration	All	All	All	All
Application	Oracle	Insurance Rules Palette	11.0.2	All	All	All
Application	Oracle	Insurance Rules Palette	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	Primavera Gateway	20.12.0	All	All	All
Application	Oracle	Primavera Gateway	All	All	All	All
Application	Oracle	Primavera Gateway	All	All	All	All
Application	Oracle	Primavera Gateway	All	All	All	All
Application	Oracle	Primavera Unifier	17.2	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	20.12	All	All	All
Application	Oracle	Primavera Unifier	All	All	All	All
Application	Oracle	Retail Customer Management And Segmentation Foundation	All	All	All	All
Application	Oracle	Retail Merchandising System	15.0.3	All	All	All
Application	Oracle	Retail Service Backbone	14.1.3.2	All	All	All
Application	Oracle	Retail Service Backbone	15.0.3.1	All	All	All
Application	Oracle	Retail Service Backbone	16.0.3.0	All	All	All
Application	Oracle	Retail Xstore Point Of Service	16.0.6	All	All	All
Application	Oracle	Retail Xstore Point Of Service	17.0.4	All	All	All
Application	Oracle	Retail Xstore Point Of Service	18.0.3	All	All	All
Application	Oracle	Retail Xstore Point Of Service	19.0.2	All	All	All
Application	Oracle	Webcenter Portal	12.2.1.3.0	All	All	All
Application	Oracle	Webcenter Portal	12.2.1.4.0	All	All	All

References

Reference	Source	Link
On Jackson CVEs: Don't Panic — Here is what you need to know by @cowtowncoder Medium	MISC	cowtowncoder.medium.com
Oracle Critical Patch Update Advisory - April 2022	MISC	www.oracle.com
January 2021 FasterXML jackson-databind Vulnerabilities in NetApp Products NetApp Product Security	CONFIRM	security.netapp.com
Oracle Critical Patch Update Advisory - July 2021	N/A	www.oracle.com
Oracle Critical Patch Update Advisory - October 2021	MISC	www.oracle.com

Block 2 more gadget types (placeholder) · Issue #2997 · FasterXML/jackson-databind · GitHub	MISC	github.com
Oracle Critical Patch Update Advisory - January 2022	MISC	www.oracle.com
[SECURITY] [DLA 2638-1] jackson-databind security update	MLIST	lists.debian.org
Oracle Critical Patch Update Advisory - July 2022	N/A	www.oracle.com
Oracle Critical Patch Update Advisory - April 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

[178642](#) Debian Security Update for jackson-databind (DLA 2638-1)

[980038](#) Java (maven) Security Update for com.fasterxml.jackson.core:jackson-databind (GHSA-v585-23hc-c647)

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