



# CVE-2020-36518

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

## Summary

<b>CVE</b>	CVE-2020-36518
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-03-11 07:15:00 UTC
<b>Updated</b>	2022-11-29 22:12:00 UTC
<b>Description</b>	jackson-databind before 2.13.0 allows a Java StackOverflow exception and denial of service via a large depth of nested obj

## Risk And Classification

**Problem Types:** CWE-787

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	11.0	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
Application	Netapp	Active Iq Unified Manager	-	All	All	All
Application	Netapp	Active Iq Unified Manager	-	All	All	All
Application	Netapp	Active Iq Unified Manager	-	All	All	All
Application	Netapp	Cloud Insights Acquisition Unit	-	All	All	All
Application	Netapp	Oncommand Insight	-	All	All	All
Application	Netapp	Oncommand Workflow Automation	-	All	All	All
Application	Netapp	Snap Creator Framework	-	All	All	All
Application	Oracle	Big Data Spatial And Graph	All	All	All	All
Application	Oracle	Coherence	14.1.1.0.0	All	All	All
Application	Oracle	Commerce Platform	11.3.0	All	All	All
Application	Oracle	Commerce Platform	11.3.1	All	All	All
Application	Oracle	Commerce Platform	11.3.2	All	All	All

Application	Oracle	Communications Billing And Revenue Management	All	All	All	All
Application	Oracle	Communications Cloud Native Core Binding Support Function	22.1.3	All	All	All
Application	Oracle	Communications Cloud Native Core Console	1.9.0	All	All	All
Application	Oracle	Communications Cloud Native Core Network Repository Function	22.1.2	All	All	All
Application	Oracle	Communications Cloud Native Core Network Repository Function	22.2.0	All	All	All
Application	Oracle	Communications Cloud Native Core Network Slice Selection Function	22.1.0	All	All	All
Application	Oracle	Communications Cloud Native Core Network Slice Selection Function	22.1.1	All	All	All
Application	Oracle	Communications Cloud Native Core Security Edge Protection Proxy	22.1.1	All	All	All
Application	Oracle	Communications Cloud Native Core Service Communication Proxy	22.2.0	All	All	All
Application	Oracle	Communications Cloud Native Core Unified Data Repository	22.2.0	All	All	All
Application	Oracle	Financial Services Analytical Applications Infrastructure	8.1.1.0	All	All	All
Application	Oracle	Financial Services Analytical Applications Infrastructure	8.1.2.0	All	All	All
Application	Oracle	Financial Services Analytical Applications Infrastructure	8.1.2.1	All	All	All
Application	Oracle	Financial Services Analytical Applications Infrastructure	All	All	All	All
Application	Oracle	Financial Services Behavior Detection Platform	8.0.7.0.0	All	All	All
Application	Oracle	Financial Services Behavior Detection Platform	8.0.8	All	All	All
Application	Oracle	Financial Services Behavior Detection Platform	All	All	All	All
Application	Oracle	Financial Services Crime And Compliance Management Studio	8.0.8.2.0	All	All	All
Application	Oracle	Financial Services Crime And Compliance Management Studio	8.0.8.3.0	All	All	All
Application	Oracle	Financial Services Enterprise Case Management	8.0.7.1	All	All	All
Application	Oracle	Financial Services Enterprise Case Management	8.0.7.2	All	All	All
Application	Oracle	Financial Services Enterprise Case Management	8.0.8.0	All	All	All
Application	Oracle	Financial Services Enterprise Case Management	8.0.8.1	All	All	All
Application	Oracle	Financial Services Enterprise Case Management	All	All	All	All
Application	Oracle	Financial Services Trade-based Anti Money Laundering	8.0.7	All	All	All
Application	Oracle	Financial Services Trade-based Anti Money Laundering	8.0.8	All	All	All
Application	Oracle	Global Lifecycle Management Nextgen Oui Framework	All	All	All	All
Application	Oracle	Global Lifecycle Management Nextgen Oui Framework	13.9.4.2.2	All	All	All
Application	Oracle	Global Lifecycle Management Opatch	All	All	All	All
Application	Oracle	Graph Server And Client	All	All	All	All
Application	Oracle	Health Sciences Empirica Signal	9.1.0.5.2	All	All	All
Application	Oracle	Peoplesoft Enterprise Peopletools	8.58	All	All	All
Application	Oracle	Peoplesoft Enterprise Peopletools	8.59	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 Gateway	All	All	All	All
Application	Oracle	Primavera Gateway	All	All	All	All
Application	Oracle	Primavera P6 Enterprise Project Portfolio Management	All	All	All	All
Application	Oracle	Primavera P6 Enterprise Project Portfolio Management	All	All	All	All
Application	Oracle	Primavera P6 Enterprise Project Portfolio Management	All	All	All	All
Application	Oracle	Primavera P6 Enterprise Project Portfolio Management	All	All	All	All
Application	Oracle	Primavera Unifier	18.0	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	21.12	All	All	All
Application	Oracle	Primavera Unifier	All	All	All	All
Application	Oracle	Retail Sales Audit	15.0.3.1	All	All	All
Application	Oracle	Sd-wan Edge	9.0	All	All	All
Application	Oracle	Sd-wan Edge	9.1	All	All	All
Application	Oracle	Spatial Studio	All	All	All	All
Application	Oracle	Utilities Framework	4.3.0.5.0	All	All	All
Application	Oracle	Utilities Framework	4.3.0.6.0	All	All	All
Application	Oracle	Utilities Framework	4.4.0.0.0	All	All	All
Application	Oracle	Utilities Framework	4.4.0.2.0	All	All	All
Application	Oracle	Utilities Framework	4.4.0.3.0	All	All	All
Application	Oracle	Utilities Framework	4.4.0.5.0	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	14.1.1.0.0	All	All	All

## References

Reference	Source	Link
Oracle Critical Patch Update Advisory - April 2022	MISC	<a href="http://www.oracle.com">www.oracle.com</a>
CVE-2020-36518 FasterXML Jackson Databind Vulnerability in NetApp Products   NetApp Product Security	CONFIRM	<a href="https://security.netapp.com">security.netapp.co</a>
[SECURITY] [DLA 2990-1] jackson-databind security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>
Debian -- Security Information -- DSA-5283-1 jackson-databind	DEBIAN	<a href="http://www.debian.org">www.debian.org</a>
Optimize `UntypedObjectDeserializer` wrt recursion - Issue #2816 · FasterXML/jackson-databind · GitHub	MISC	<a href="https://github.com">github.com</a>
[SECURITY] [DLA 3207-1] jackson-databind security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>
Oracle Critical Patch Update Advisory - July 2022	N/A	<a href="http://www.oracle.com">www.oracle.com</a>

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

- 160620 Oracle Enterprise Linux Security Update for jackson (ELSA-2023-2312)
- 179257 Debian Security Update for jackson-databind (DLA 2990-1)
- 181229 Debian Security Update for jackson-databind (DSA 5283-1)
- 181250 Debian Security Update for jackson-databind (DLA 3207-1)
- 20270 Oracle Database 21c Critical Patch Update - October 2022
- 20271 Oracle Database 19c Critical Patch Update - October 2022
- 20272 Oracle Database 19c Critical OJVM Patch Update - October 2022
- 240458 Red Hat Update for JBoss Enterprise Application Platform 7.4.5 on RHEL 7 (RHSA-2022:4918)
- 240459 Red Hat Update for JBoss Enterprise Application Platform 7.4.5 on RHEL 8 (RHSA-2022:4919)
- 241418 Red Hat Update for jackson (RHSA-2023:2312)
- 376735 Oracle Coherence July 2022 Critical Patch Update (CPUJUL2022)
- 378990 Atlassian Jira Service Management Data Center and Server Denial of Service (DoS) Vulnerability (JSDSERVER-14749,JSDSERVER-14751,JSDSERVER-14752,JSDSERVER-14753,JSDSERVER-14754,JSDSERVER-14755)
- 379113 Splunk Enterprise Third Party Package Updates for November (SVD-2022-1113)
- 379561 Atlassian Bitbucket Data Center and Server jackson-databind Dependency Vulnerability (BSERV-18830)
- 691048 Free Berkeley Software Distribution (FreeBSD) Security Update for kafka (01823528-a4c1-11ed-b6af-b42e991fc52e)
- 752129 SUSE Enterprise Linux Security Update for jackson-databind, jackson-dataformats-binary, jackson-annotations, jackson-bom, jackson-core (SUSE-SU-2022:1678-1)
- 87496 Oracle WebLogic Server Multiple Vulnerabilities (CPUJUL2022)
- 941033 AlmaLinux Security Update for jackson (ALSA-2023:2312)

