



CVE-2023-21954

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

Summary

CVE	CVE-2023-21954
State	PUBLIC
Assigner	secalert_us@oracle.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-04-18 20:15:00 UTC
Updated	2023-11-08 23:06:00 UTC
Description	Vulnerability in the Oracle Java SE, Oracle GraalVM Enterprise Edition product of Oracle Java SE (component: Hotspot). S

Risk And Classification

Problem Types: NVD-CWE-noinfo

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	12.0	All	All	All
Application	Netapp	7-mode Transition Tool	-	All	All	All
Application	Netapp	Brocade San Navigator	-	All	All	All
Application	Netapp	Cloud Insights Acquisition Unit	-	All	All	All
Application	Netapp	Cloud Insights Storage Workload Security Agent	-	All	All	All
Application	Netapp	Oncommand Insight	-	All	All	All
Application	Oracle	Graalvm	20.3.9	All	All	All
Application	Oracle	Graalvm	21.3.5	All	All	All
Application	Oracle	Graalvm	22.3.1	All	All	All
Application	Oracle	Jdk	1.8.0	update361	All	All
Application	Oracle	Jdk	11.0.18	All	All	All
Application	Oracle	Jdk	17.0.6	All	All	All
Application	Oracle	Jre	1.8.0	update361	All	All
Application	Oracle	Jre	11.0.18	All	All	All
Application	Oracle	Jre	17.0.6	All	All	All

Application	Oracle	Openjdk	All	All	All	All
Application	Oracle	Openjdk	20	All	All	All
Application	Oracle	Openjdk	8	-	All	All
Application	Oracle	Openjdk	8	milestone1	All	All
Application	Oracle	Openjdk	8	milestone2	All	All
Application	Oracle	Openjdk	8	milestone3	All	All
Application	Oracle	Openjdk	8	milestone4	All	All
Application	Oracle	Openjdk	8	milestone5	All	All
Application	Oracle	Openjdk	8	milestone6	All	All
Application	Oracle	Openjdk	8	milestone7	All	All
Application	Oracle	Openjdk	8	milestone8	All	All
Application	Oracle	Openjdk	8	milestone9	All	All
Application	Oracle	Openjdk	8	update101	All	All
Application	Oracle	Openjdk	8	update102	All	All
Application	Oracle	Openjdk	8	update11	All	All
Application	Oracle	Openjdk	8	update111	All	All
Application	Oracle	Openjdk	8	update112	All	All
Application	Oracle	Openjdk	8	update121	All	All
Application	Oracle	Openjdk	8	update131	All	All
Application	Oracle	Openjdk	8	update141	All	All
Application	Oracle	Openjdk	8	update151	All	All
Application	Oracle	Openjdk	8	update152	All	All
Application	Oracle	Openjdk	8	update161	All	All
Application	Oracle	Openjdk	8	update162	All	All
Application	Oracle	Openjdk	8	update171	All	All
Application	Oracle	Openjdk	8	update172	All	All
Application	Oracle	Openjdk	8	update181	All	All
Application	Oracle	Openjdk	8	update191	All	All
Application	Oracle	Openjdk	8	update192	All	All
Application	Oracle	Openjdk	8	update20	All	All
Application	Oracle	Openjdk	8	update201	All	All
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Application	Oracle	Openjdk	8	update211	All	All
Application	Oracle	Openjdk	8	update212	All	All
Application	Oracle	Openjdk	8	update221	All	All

Application	Oracle	Openjdk	8	update222	All	All
Application	Oracle	Openjdk	8	update231	All	All
Application	Oracle	Openjdk	8	update232	All	All
Application	Oracle	Openjdk	8	update241	All	All
Application	Oracle	Openjdk	8	update242	All	All
Application	Oracle	Openjdk	8	update25	All	All
Application	Oracle	Openjdk	8	update252	All	All
Application	Oracle	Openjdk	8	update262	All	All
Application	Oracle	Openjdk	8	update271	All	All
Application	Oracle	Openjdk	8	update281	All	All
Application	Oracle	Openjdk	8	update282	All	All
Application	Oracle	Openjdk	8	update291	All	All
Application	Oracle	Openjdk	8	update301	All	All
Application	Oracle	Openjdk	8	update302	All	All
Application	Oracle	Openjdk	8	update31	All	All
Application	Oracle	Openjdk	8	update312	All	All
Application	Oracle	Openjdk	8	update322	All	All
Application	Oracle	Openjdk	8	update332	All	All
Application	Oracle	Openjdk	8	update342	All	All
Application	Oracle	Openjdk	8	update352	All	All
Application	Oracle	Openjdk	8	update362	All	All
Application	Oracle	Openjdk	8	update40	All	All
Application	Oracle	Openjdk	8	update45	All	All
Application	Oracle	Openjdk	8	update5	All	All
Application	Oracle	Openjdk	8	update51	All	All
Application	Oracle	Openjdk	8	update60	All	All
Application	Oracle	Openjdk	8	update65	All	All
Application	Oracle	Openjdk	8	update66	All	All
Application	Oracle	Openjdk	8	update71	All	All
Application	Oracle	Openjdk	8	update72	All	All
Application	Oracle	Openjdk	8	update73	All	All
Application	Oracle	Openjdk	8	update74	All	All
Application	Oracle	Openjdk	8	update77	All	All
Application	Oracle	Openjdk	8	update91	All	All
Application	Oracle	Openjdk	8	update92	All	All

Application	Oracle	Openjdk	All	All	All	All
Application	Oracle	Openjdk	All	All	All	All

References

Reference	Source	Link
Oracle Critical Patch Update Advisory - April 2023	MISC	www.oracle.com
Enterprise Security Alerts & Advisories for Couchbase		www.couchbase.com
Debian -- Security Information -- DSA-5430-1 openjdk-17	MISC	www.debian.org
April 2023 Java Platform Standard Edition Vulnerabilities in NetApp Products NetApp Product Security	MISC	security.netapp.com
[SECURITY] [DLA 3571-1] openjdk-11 security update	MISC	lists.debian.org
Debian -- Security Information -- DSA-5478-1 openjdk-11	MISC	www.debian.org
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

160556 Oracle Enterprise Linux Security Update for java-11-openjdk (ELSA-2023-1875)
160557 Oracle Enterprise Linux Security Update for java-17-openjdk (ELSA-2023-1879)
160558 Oracle Enterprise Linux Security Update for java-11-openjdk (ELSA-2023-1880)
160559 Oracle Enterprise Linux Security Update for java-17-openjdk (ELSA-2023-1898)
160562 Oracle Enterprise Linux Security Update for java-11-openjdk (ELSA-2023-1895)
160565 Oracle Enterprise Linux Security Update for java-1.8.0-openjdk (ELSA-2023-1904)
160566 Oracle Enterprise Linux Security Update for java-1.8.0-openjdk (ELSA-2023-1908)
160567 Oracle Enterprise Linux Security Update for java-1.8.0-openjdk (ELSA-2023-1909)
181873 Debian Security Update for openjdk-17 (DSA 5430-1)
199344 Ubuntu Security Notification for Open Java Development Toolkit (OpenJDK) Vulnerabilities (USN-6077-1)
20378 IBM DB2 Multiple Vulnerabilities (7047556)
241360 Red Hat Update for java-17-openjdk (RHSA-2023:1879)
241361 Red Hat Update for java-11-openjdk (RHSA-2023:1889)
241362 Red Hat Update for java-11-openjdk (RHSA-2023:1875)
241363 Red Hat Update for java-11-openjdk (RHSA-2023:1880)

241364 Red Hat Update for java-17-openjdk (RHSA-2023:1890)
241365 Red Hat Update for java-17-openjdk (RHSA-2023:1891)
241366 Red Hat Update for java-11-openjdk (RHSA-2023:1899)
241367 Red Hat Update for java-17-openjdk (RHSA-2023:1900)
241368 Red Hat Update for java-17-openjdk (RHSA-2023:1898)
241369 Red Hat Update for java-11-openjdk (RHSA-2023:1895)
241370 Red Hat Update for java-11-openjdk (RHSA-2023:1892)
241377 Red Hat Update for java-1.8.0-openjdk (RHSA-2023:1909)
241383 Red Hat Update for java-1.8.0-openjdk (RHSA-2023:1906)
241385 Red Hat Update for java-1.8.0-openjdk (RHSA-2023:1908)
241386 Red Hat Update for java-1.8.0-openjdk (RHSA-2023:1910)
241388 Red Hat Update for java-1.8.0-openjdk (RHSA-2023:1904)
241389 Red Hat Update for java-1.8.0-openjdk (RHSA-2023:1907)
241633 Red Hat Update for java-1.8.0-openjdk (RHSA-2023:1911)
241636 Red Hat Update for java-11-openjdk (RHSA-2023:1877)
241657 Red Hat Update for java-1.8.0-openjdk (RHSA-2023:1905)
241664 Red Hat Update for java-11-openjdk (RHSA-2023:1878)
257233 CentOS Security Update for java-11-openjdk (CESA-2023:1875)
257245 CentOS Security Update for java-1.8.0-openjdk Security Update (CESA-2023:1904)
354906 Amazon Linux Security Advisory for java-1.8.0-amazon-corretto : ALAS2CORRETTO8-2023-006
354914 Amazon Linux Security Advisory for java-17-amazon-corretto : ALAS2-2023-2025
354915 Amazon Linux Security Advisory for java-11-amazon-corretto : ALAS2-2023-2026
355092 Amazon Linux Security Advisory for java-1.8.0-openjdk : ALAS2-2023-2038
355162 Amazon Linux Security Advisory for java-17-amazon-corretto : ALAS2023-2023-166
355184 Amazon Linux Security Advisory for java-1.8.0-amazon-corretto : ALAS2023-2023-168
355202 Amazon Linux Security Advisory for java-11-amazon-corretto : ALAS2023-2023-167
355353 Amazon Linux Security Advisory for java-11-openjdk : ALAS2JAVA-OPENJDK11-2023-004
355765 Amazon Linux Security Advisory for java-1.8.0-openjdk : ALAS-2023-1797
378425 Oracle Java Standard Edition (SE) Critical Patch Update - April 2023 (CPUAPR2023)

378451 Amazon Corretto Critical Patch Update (APR2023)
378452 Azul Java Multiple Vulnerabilities Security Update April 2023
378463 Alibaba Cloud Linux Security Update for java-11-openjdk (ALINUX2-SA-2023:0019)
378464 Alibaba Cloud Linux Security Update for java-1.8.0-openjdk (ALINUX2-SA-2023:0020)
378465 Alibaba Cloud Linux Security Update for java-17-openjdk (ALINUX3-SA-2023:0038)
378466 Alibaba Cloud Linux Security Update for java-1.8.0-openjdk (ALINUX3-SA-2023:0041)
378469 Alibaba Cloud Linux Security Update for java-11-openjdk (ALINUX3-SA-2023:0039)
378561 Red Hat OpenJDK 17.0.7 Security Update for Windows Builds (RHSA-2023:1885)
378562 Red Hat OpenJDK 11.0.19 Security Update for Windows Builds (RHSA-2023:1883)
378563 Red Hat OpenJDK 8u372 Windows Builds release and Security Update (RHSA-2023:1912)
379452 IBM Cognos Analytics Multiple Vulnerabilities (7123154)
502982 Alpine Linux Security Update for openjdk11
502983 Alpine Linux Security Update for openjdk17
502995 Alpine Linux Security Update for openjdk8
503008 Alpine Linux Security Update for openjdk11
6000156 Debian Security Update for openjdk-11 (DLA 3571-1)
6000244 Debian Security Update for openjdk-11 (DSA 5478-1)
673080 EulerOS Security Update for java-1.8.0-openjdk (EulerOS-SA-2023-2192)
753964 SUSE Enterprise Linux Security Update for java-11-openjdk (SUSE-SU-2023:2109-1)
754018 SUSE Enterprise Linux Security Update for java-11-openjdk (SUSE-SU-2023:2222-1)
754024 SUSE Enterprise Linux Security Update for java-1_8_0-openjdk (SUSE-SU-2023:2238-1)
754026 SUSE Enterprise Linux Security Update for java-1_8_0-openjdk (SUSE-SU-2023:2242-1)
754081 SUSE Enterprise Linux Security Update for java-1_8_0-ibm (SUSE-SU-2023:2476-1)
754093 SUSE Enterprise Linux Security Update for java-1_8_0-ibm (SUSE-SU-2023:2491-1)
940985 AlmaLinux Security Update for java-17-openjdk (ALSA-2023:1879)
940987 AlmaLinux Security Update for java-11-openjdk (ALSA-2023:1880)
940993 AlmaLinux Security Update for java-11-openjdk (ALSA-2023:1895)
940994 AlmaLinux Security Update for java-17-openjdk (ALSA-2023:1898)

940998 AlmaLinux Security Update for java-1.8.0-openjdk (ALSA-2023:1908)
940999 AlmaLinux Security Update for java-1.8.0-openjdk (ALSA-2023:1909)
960911 Rocky Linux Security Update for java-17-openjdk (RLSA-2023:1879)
960913 Rocky Linux Security Update for java-11-openjdk (RLSA-2023:1880)
960914 Rocky Linux Security Update for java-17-openjdk (RLSA-2023:1898)
960916 Rocky Linux Security Update for java-11-openjdk (RLSA-2023:1895)
960921 Rocky Linux Security Update for java-1.8.0-openjdk (RLSA-2023:1909)

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