



CVE-2022-45047

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

Summary

CVE	CVE-2022-45047
State	PUBLIC
Assigner	security@apache.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-11-16 09:15:00 UTC
Updated	2023-11-07 03:54:00 UTC
Description	Class org.apache.sshd.server.keyprovider.SimpleGeneratorHostKeyProvider in Apache MINA SSHD <= 2.9.1 uses Java de

Risk And Classification

Problem Types: CWE-502

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Apache	Sshd	All	All	All	All

References

Reference	Source	Link	Tags
CVE-2022-45047: Apache MINA SSHD: Java unsafe deserialization vulnerability	CONFIRM	www.mail-archive.com	
CVE-2022-45047: Apache MINA SSHD: Java unsafe deserialization vulnerability		www.mail-archive.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

Vendor Comments And Credit

Discovery Credit

LEGACY: The Apache MINA SSHD team would like to thank Zhang Zewei, NOFOCUS, for reporting this issue.

Legacy QID Mappings

[20317](#) Oracle Database 21c Critical Patch Update - January 2023

[20318](#) Oracle Database 19c Critical Patch Update - January 2023

20319 Oracle Database 19c Critical OJVM Patch Update - January 2023

241153 Red Hat Update for JBoss Enterprise Application Platform 7.4.9 (RHSA-2023:0554)

241154 Red Hat Update for JBoss Enterprise Application Platform 7.4.9 (RHSA-2023:0552)

241155 Red Hat Update for JBoss Enterprise Application Platform 7.4.9 (RHSA-2023:0553)

241180 Red Hat OpenShift Container Platform 4.10 Security Update (RHSA-2023:0560)

241214 Red Hat OpenShift Container Platform 4.9 Security Update (RHSA-2023:0777)

377908 Oracle Coherence January 2023 Critical Patch Update (CPUJAN2023)

378427 Oracle PeopleSoft Enterprise PeopleTools Product Multiple Vulnerabilities (CPUAPR2023)

755655 SUSE Enterprise Linux Security Update for apache-parent, apache-sshd (SUSE-SU-2024:0224-1)

770173 Red Hat OpenShift Container Platform 4.10 Security Update (RHSA-2023:0560)

770178 Red Hat OpenShift Container Platform 4.9. Security Update (RHSA-2023:0777)

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)