



CVE-2022-42920

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Summary

CVE	CVE-2022-42920
State	PUBLIC
Assigner	security@apache.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-11-07 13:15:00 UTC
Updated	2024-01-17 15:15:00 UTC
Description	Apache Commons BCEL has a number of APIs that would normally only allow changing specific class characteristics. How

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Apache	Commons Bcel	All	All	All	All
Operating System	Fedoraproject	Fedora	35	All	All	All
Operating System	Fedoraproject	Fedora	36	All	All	All
Operating System	Fedoraproject	Fedora	37	All	All	All

References

Reference	Source
[SECURITY] Fedora 37 Update: bcel-6.5.0-3.fc37 - package-announce - Fedora Mailing-Lists	FE
[SECURITY] Fedora 35 Update: bcel-6.4.1-10.fc35 - package-announce - Fedora Mailing-Lists	
[SECURITY] Fedora 36 Update: bcel-6.4.1-10.fc36 - package-announce - Fedora Mailing-Lists	FE
OpenJDK: Multiple Vulnerabilities (GLSA 202401-25) — Gentoo security	
lists.apache.org/thread/lfxk7q8qmnh5bt9jm6nmjlv5hsxjhrz4	M
[SECURITY] Fedora 35 Update: bcel-6.4.1-10.fc35 - package-announce - Fedora Mailing-Lists	FE
oss-security - Re: CVE-2022-42920: Apache Commons BCEL prior to 6.6.0 allows producing arbitrary bytecode via out-of-bounds writing	M
[SECURITY] Fedora 36 Update: bcel-6.4.1-10.fc36 - package-announce - Fedora Mailing-Lists	
[SECURITY] Fedora 37 Update: bcel-6.5.0-3.fc37 - package-announce - Fedora Mailing-Lists	
CVE Program record	C'

Vendor Comments And Credit

Discovery Credit

LEGACY: Reported by Felix Wilhelm (Google); GitHub pull request to Apache Commons BCEL #147 by Richard Atkins (<https://github.com/rjatkins>); PR derived from OpenJDK (<https://github.com/openjdk/jdk11u/>) commit 13bf52c8d876528a43be7cb77a1f452d29a21492 by Aleksei Voitylov and RealCLanger (Christoph Langer <https://github.com/RealCLanger>)

Legacy QID Mappings

[150735](#) Oracle WebLogic Server Multiple Vulnerabilities (CPU - OCT2023)

[160356](#) Oracle Enterprise Linux Security Update for bcel (ELSA-2022-8958)

[160366](#) Oracle Enterprise Linux Security Update for bcel (ELSA-2023-0005)

[181194](#) Debian Security Update for bcel (CVE-2022-42920)

[241005](#) Red Hat Update for rh-maven36-bcel (RHSA-2022:8959)

[241010](#) Red Hat Update for bcel (RHSA-2022:8958)

[241031](#) Red Hat Update for bcel (RHSA-2023:0004)

[241032](#) Red Hat Update for bcel (RHSA-2023:0005)

[257240](#) CentOS Security Update for bcel (CESA-2022:8958)

[283507](#) Fedora Security Update for bcel (FEDORA-2022-01a56f581c)

[283508](#) Fedora Security Update for bcel (FEDORA-2022-0e358adb8)

[283509](#) Fedora Security Update for bcel (FEDORA-2022-f60a52e054)

[354663](#) Amazon Linux Security Advisory for bcel : ALAS2-2023-1916

[354674](#) Amazon Linux Security Advisory for bcel : ALAS-2023-1668

[354702](#) Amazon Linux Security Advisory for bcel : ALAS2022-2023-275

[355196](#) Amazon Linux Security Advisory for bcel : ALAS2023-2023-105

[672579](#) EulerOS Security Update for bcel (EulerOS-SA-2023-1307)

[673088](#) EulerOS Security Update for bcel (EulerOS-SA-2023-2137)

[710843](#) Gentoo Linux Open Java Development Toolkit (OpenJDK) Multiple Vulnerabilities (GLSA 202401-25)

[752973](#) SUSE Enterprise Linux Security Update for bcel (SUSE-SU-2022:4331-1)

[752977](#) SUSE Enterprise Linux Security Update for bcel (SUSE-SU-2022:4306-1)

[87530](#) Oracle WebLogic Server Multiple Vulnerabilities (CPUJAN2023)

[87548](#) Oracle WebLogic Server Multiple Vulnerabilities (CPUOCT2023)

[940864](#) AlmaLinux Security Update for bcel (ALSA-2023:0005)

[960494](#) Rocky Linux Security Update for bcel (RLSA-2023:0005)

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