



CVE-2008-5659

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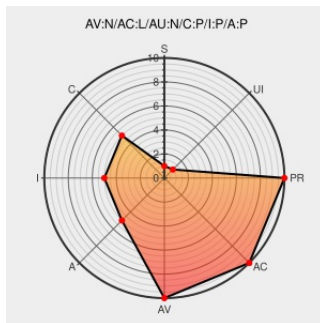
CVE-2008-5659

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Classpath](#) from [Gnu](#) contain the following vulnerability:

The `gnu.java.security.util.PRNG` class in GNU Classpath 0.97.2 and earlier uses a predictable seed based on the system time, which makes it easier for context-dependent attackers to conduct brute force attacks against cryptographic routines that use this class for randomness, as demonstrated against DSA private keys.

CVE-2008-5659 has been assigned by [M](#) cve@mitre.org to track the vulnerability

CVSS2 Score: **7.5 - HIGH**

Access
Vector

NETWORK

Access
Complexity

LOW

Authentication

NONE

Confidentiality
Impact

PARTIAL

Integrity
Impact

PARTIAL

Availability
Impact

PARTIAL

CVE References

Description

Tags

Link

IBM X-Force Exchange

[exchange.xforce.ibmcloud.com](https://exchange.xforce.ibmcloud.com/text/html)
text/html

[XF classpath-gnujavasecurityutil-weak-security\(47574\)](#)

oss-security - CVE request: weak PRNG in GNU Classpath

[www.openwall.com](https://www.openwall.com/text/html)
text/html

[MLIST \[oss-security\] 20081206 CVE request: weak PRNG in GNU Classpath](#)

Bug 38417 - gnu.java.security.util.PRNG produces easily predictable values

[gcc.gnu.org](https://gcc.gnu.org/text/html)
text/html

[CONFIRM gcc.gnu.org/bugzilla/show_bug.cgi?id=38417](https://gcc.gnu.org/bugzilla/show_bug.cgi?id=38417)

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There are currently no QIDs associated with this CVE						
Known Affected Configurations (CPE V2.3)						
Type	Vendor	Product	Version	Update	Edition	Language
Application	Gnu	Classpath	0.10	All	All	All
Application	Gnu	Classpath	0.11	All	All	All
Application	Gnu	Classpath	0.12	All	All	All
Application	Gnu	Classpath	0.13	All	All	All
Application	Gnu	Classpath	0.14	All	All	All
Application	Gnu	Classpath	0.15	All	All	All
Application	Gnu	Classpath	0.16	All	All	All
Application	Gnu	Classpath	0.17	All	All	All
Application	Gnu	Classpath	0.18	All	All	All
Application	Gnu	Classpath	0.19	All	All	All
Application	Gnu	Classpath	0.20	All	All	All
Application	Gnu	Classpath	0.6	All	All	All
Application	Gnu	Classpath	0.7	All	All	All
Application	Gnu	Classpath	0.8	All	All	All
Application	Gnu	Classpath	0.9	All	All	All
Application	Gnu	Classpath	0.90	All	All	All
Application	Gnu	Classpath	0.91	All	All	All
Application	Gnu	Classpath	0.92	All	All	All
Application	Gnu	Classpath	0.93	All	All	All
Application	Gnu	Classpath	0.95	All	All	All
Application	Gnu	Classpath	0.96	All	All	All
Application	Gnu	Classpath	0.96.1	All	All	All
Application	Gnu	Classpath	0.97	All	All	All
Application	Gnu	Classpath	0.97.1	All	All	All
Application	Gnu	Classpath	All	All	All	All
Application	Gnu	Classpath	0.10	All	All	All
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Application	Gnu	Classpath	0.97.1	All	All	All
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No vendor comments have been submitted for this CVE

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