



# CVE-2022-36944

Published on: Not Yet Published

Last Modified on: 11/08/2022 02:57:00 AM UTC

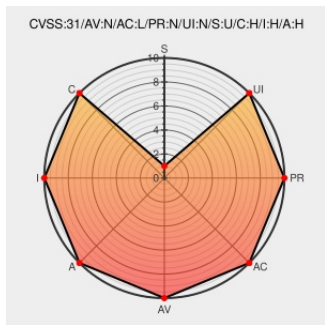
## CVE-2022-36944

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of **Fedora** from **Fedoraproject** contain the following vulnerability:

Scala 2.13.x before 2.13.9 has a Java deserialization chain in its JAR file. On its own, it cannot be exploited. There is only a risk in conjunction with Java object deserialization within an application. In such situations, it allows attackers to erase contents of arbitrary files, make network connections, or possibly run arbitrary code (specifically, Function0 functions) via a gadget chain.

CVE-2022-36944 has been assigned by [M cve@mitre.org](mailto:cve@mitre.org) to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
<b>NETWORK</b>	<b>LOW</b>	<b>NONE</b>	<b>NONE</b>
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
<b>UNCHANGED</b>	<b>HIGH</b>	<b>HIGH</b>	<b>HIGH</b>

## CVE References

Description	Tags	Link
Impact of CVE-2022-36944 on akka-cluster, akka-actor, akka-remote - #2 by johanandren - Akka Cluster - Discussion Forum for Akka Platform technologies	<a href="https://discuss.lightbend.com">discuss.lightbend.com</a> text/html	MISC <a href="https://discuss.lightbend.com/t/impact-of-cve-2022-36944-on-akka-cluster-akka-actor-akka-remote/10007/2">discuss.lightbend.com/t/impact-of-cve-2022-36944-on-akka-cluster-akka-actor-akka-remote/10007/2</a>
[SECURITY] Fedora 35 Update: scala-2.13.9-1.fc35 - package-announce - Fedora Mailing-Lists	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a> text/html	FEDORA FEDORA-2022-07dd9375b2
Install   The Scala Programming Language	<a href="https://www.scala-lang.org">www.scala-lang.org</a> text/html	MISC <a href="https://www.scala-lang.org/download/">www.scala-lang.org/download/</a>
[SECURITY] Fedora 36 Update: scala-2.13.9-1.fc36 - package-announce - Fedora Mailing-Lists	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a> text/html	FEDORA FEDORA-2022-34acf878fb

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### Related QID Numbers

[283168](#) Fedora Security Update for scala (FEDORA-2022-34acf878fb)

[283169](#) Fedora Security Update for scala (FEDORA-2022-07dd9375b2)

### Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	35	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	36	All	All	All
Application	<a href="#">Scala-lang</a>	<a href="#">Scala</a>	All	All	All	All

`cpe:2.3:o:fedoraproject:fedora:35:*:*:*:*:*:`

`cpe:2.3:o:fedoraproject:fedora:36:*:*:*:*:*:`

`cpe:2.3:a:scala-lang:scala:*:*:*:*:*:`

No vendor comments have been submitted for this CVE

### Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2022-36944 : Scala 2.13.x before 2.13.9 has a Java deserialization chain in its JAR file. On its own, it cannot... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a>	2022-09-23 18:10:33
 /r/netcve	<a href="#">CVE-2022-36944</a>	2022-09-23 18:38:52

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