



# CVE-2021-39154

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2021-39154
<b>State</b>	PUBLIC
<b>Assigner</b>	security-advisories@github.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-08-23 18:15:00 UTC
<b>Updated</b>	2023-11-07 03:37:00 UTC
<b>Description</b>	XStream is a simple library to serialize objects to XML and back again. In affected versions this vulnerability may allow a re

## Risk And Classification

**Problem Types:** CWE-502 | CWE-434

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	10.0	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	11.0	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	33	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	34	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	35	All
Application	<a href="#">Netapp</a>	<a href="#">Snapmanager</a>	-	All
Application	<a href="#">Netapp</a>	<a href="#">Snapmanager</a>	-	All
Application	<a href="#">Oracle</a>	<a href="#">Business Activity Monitoring</a>	12.2.1.4.0	All
Application	<a href="#">Oracle</a>	<a href="#">Commerce Guided Search</a>	11.3.2	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Billing And Revenue Management Elastic Charging Engine</a>	11.3	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Billing And Revenue Management Elastic Charging Engine</a>	12.0	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Cloud Native Core Automated Test Suite</a>	1.9.0	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Cloud Native Core Binding Support Function</a>	1.10.0	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Cloud Native Core Policy</a>	1.14.0	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Unified Inventory Management</a>	7.3.4	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Unified Inventory Management</a>	7.3.5	All

Application	Oracle	Communications Unified Inventory Management	7.4.0	All
Application	Oracle	Communications Unified Inventory Management	7.4.1	All
Application	Oracle	Communications Unified Inventory Management	7.4.2	All
Application	Oracle	Retail Xstore Point Of Service	16.0.6	All
Application	Oracle	Retail Xstore Point Of Service	17.0.4	All
Application	Oracle	Retail Xstore Point Of Service	18.0.3	All
Application	Oracle	Retail Xstore Point Of Service	19.0.2	All
Application	Oracle	Retail Xstore Point Of Service	20.0.1	All
Application	Oracle	Utilities Framework	4.2.0.2.0	All
Application	Oracle	Utilities Framework	4.2.0.3.0	All
Application	Oracle	Utilities Framework	4.3.0.1.0	All
Application	Oracle	Utilities Framework	4.3.0.6.0	All
Application	Oracle	Utilities Framework	4.4.0.0.0	All
Application	Oracle	Utilities Framework	4.4.0.2.0	All
Application	Oracle	Utilities Framework	4.4.0.3.0	All
Application	Oracle	Utilities Testing Accelerator	6.0.0.1.1	All
Application	Oracle	Webcenter Portal	12.2.1.3.0	All
Application	Oracle	Webcenter Portal	12.2.1.4.0	All
Application	Xstream Project	Xstream	All	All

## References

Reference	Source	Link	Ta
[SECURITY] Fedora 34 Update: xstream-1.4.18-2.fc34 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	
[SECURITY] [DLA 2769-1] libxstream-java security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>	
[SECURITY] Fedora 33 Update: xstream-1.4.18-2.fc33 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	
Oracle Critical Patch Update Advisory - April 2022	MISC	<a href="https://www.oracle.com">www.oracle.com</a>	
August 2021 XStream Vulnerabilities in NetApp Products   NetApp Product Security	CONFIRM	<a href="https://security.netapp.com">security.netapp.com</a>	
XStream is vulnerable to an Arbitrary Code Execution attack · Advisory · x-stream/xstream · GitHub	CONFIRM	<a href="https://github.com">github.com</a>	
Oracle Critical Patch Update Advisory - January 2022	MISC	<a href="https://www.oracle.com">www.oracle.com</a>	
Debian -- Security Information -- DSA-5004-1 libxstream-java	DEBIAN	<a href="https://www.debian.org">www.debian.org</a>	
[SECURITY] Fedora 34 Update: xstream-1.4.18-2.fc34 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	
[SECURITY] Fedora 35 Update: xstream-1.4.18-2.fc35 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	
[SECURITY] Fedora 33 Update: xstream-1.4.18-2.fc33 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	
[SECURITY] Fedora 35 Update: xstream-1.4.18-2.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	
XStream - CVE-2021-39154	MISC	<a href="https://x-stream.github.io">x-stream.github.io</a>	

Oracle Critical Patch Update Advisory - July 2022	N/A	<a href="http://www.oracle.com">www.oracle.com</a>	
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	ca
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	ca

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

<a href="#">159437</a> Oracle Enterprise Linux Security Update for xstream (ELSA-2021-3956)
<a href="#">178813</a> Debian Security Update for libxstream-java (DLA 2769-1)
<a href="#">178889</a> Debian Security Update for libxstream-java (DSA 5004-1)
<a href="#">178890</a> Debian Security Update for libxstream-java (DSA 5004-1)
<a href="#">183330</a> Debian Security Update for libxstream-java (CVE-2021-39154)
<a href="#">199237</a> Ubuntu Security Notification for XStream Vulnerabilities (USN-5946-1)
<a href="#">239729</a> Red Hat Update for xstream (RHSA-2021:3956)
<a href="#">281980</a> Fedora Security Update for xstream (FEDORA-2021-d894ca87dc)
<a href="#">281981</a> Fedora Security Update for xstream (FEDORA-2021-fbad11014a)
<a href="#">353077</a> Amazon Linux Security Advisory for xstream : ALAS2-2021-1729
<a href="#">375827</a> XStream Arbitrary Code Execution And Multiple vulnerabilities
<a href="#">376998</a> Alibaba Cloud Linux Security Update for xstream (ALINUX2-SA-2021:0065)
<a href="#">751258</a> OpenSUSE Security Update for xstream (openSUSE-SU-2021:3476-1)
<a href="#">751298</a> OpenSUSE Security Update for xstream (openSUSE-SU-2021:1401-1)
<a href="#">980153</a> Java (maven) Security Update for com.thoughtworks.xstream:xstream (GHSA-6w62-hx7r-mw68)

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