



# CVE-2021-39153

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

## Summary

<b>CVE</b>	CVE-2021-39153
<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="#">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	<a href="#">Oracle</a>	<a href="#">Communications Unified Inventory Management</a>	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	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>	
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>	
XStream - CVE-2021-39153	MISC	<a href="https://x-stream.github.io">x-stream.github.io</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>	
XStream is vulnerable to an Arbitrary Code Execution attack · Advisory · x-stream/xstream · GitHub	CONFIRM	<a href="https://github.com">github.com</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>	
Oracle Critical Patch Update Advisory - July 2022	N/A	<a href="https://www.oracle.com">www.oracle.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	ca
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	ca

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

159437 Oracle Enterprise Linux Security Update for xstream (ELSA-2021-3956)
178813 Debian Security Update for libxstream-java (DLA 2769-1)
178889 Debian Security Update for libxstream-java (DSA 5004-1)
178890 Debian Security Update for libxstream-java (DSA 5004-1)
183015 Debian Security Update for libxstream-java (CVE-2021-39153)
199237 Ubuntu Security Notification for XStream Vulnerabilities (USN-5946-1)
239729 Red Hat Update for xstream (RHSA-2021:3956)
281980 Fedora Security Update for xstream (FEDORA-2021-d894ca87dc)
281981 Fedora Security Update for xstream (FEDORA-2021-fbad11014a)
353077 Amazon Linux Security Advisory for xstream : ALAS2-2021-1729
375827 XStream Arbitrary Code Execution And Multiple vulnerabilities
376998 Alibaba Cloud Linux Security Update for xstream (ALINUX2-SA-2021:0065)
751258 OpenSUSE Security Update for xstream (openSUSE-SU-2021:3476-1)
751298 OpenSUSE Security Update for xstream (openSUSE-SU-2021:1401-1)
980149 Java (maven) Security Update for com.thoughtworks.xstream:xstream (GHSA-2q8x-2p7f-574v)

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