



# CVE-2021-21344

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

## Summary

<b>CVE</b>	CVE-2021-21344
<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>	2021-03-23 00:15:00 UTC
<b>Updated</b>	2023-11-07 03:29:00 UTC
<b>Description</b>	XStream is a Java library to serialize objects to XML and back again. In XStream before version 1.4.16, there is a vulnerabi

## 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="#">Oracle</a>	<a href="#">Banking Enterprise Default Management</a>	2.10.0	All
Application	<a href="#">Oracle</a>	<a href="#">Banking Enterprise Default Management</a>	2.12.0	All
Application	<a href="#">Oracle</a>	<a href="#">Banking Platform</a>	2.12.0	All
Application	<a href="#">Oracle</a>	<a href="#">Banking Platform</a>	2.4.0	All
Application	<a href="#">Oracle</a>	<a href="#">Banking Platform</a>	2.7.1	All
Application	<a href="#">Oracle</a>	<a href="#">Banking Platform</a>	2.9.0	All
Application	<a href="#">Oracle</a>	<a href="#">Banking Virtual Account Management</a>	14.2.0	All
Application	<a href="#">Oracle</a>	<a href="#">Banking Virtual Account Management</a>	14.3.0	All
Application	<a href="#">Oracle</a>	<a href="#">Banking Virtual Account Management</a>	14.5.0	All
Application	<a href="#">Oracle</a>	<a href="#">Business Activity Monitoring</a>	11.1.1.9.0	All
Application	<a href="#">Oracle</a>	<a href="#">Business Activity Monitoring</a>	12.2.1.3.0	All

Application	Oracle	Business Activity Monitoring	12.2.1.4.0	All
Application	Oracle	Communications Billing And Revenue Management Elastic Charging Engine	12.0.0.3.0	All
Application	Oracle	Communications Policy Management	12.5.0	All
Application	Oracle	Communications Unified Inventory Management	7.3.2	All
Application	Oracle	Communications Unified Inventory Management	7.3.4	All
Application	Oracle	Communications Unified Inventory Management	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	Mysql Server	All	All
Application	Oracle	Mysql Server	All	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	Webcenter Portal	11.1.1.9.0	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
[SECURITY] Fedora 34 Update: xstream-1.4.18-2.fc34 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.f</a>
XStream - Change History	MISC	<a href="#">x-stre</a>
[SECURITY] Fedora 33 Update: xstream-1.4.18-2.fc33 - package-announce - Fedora Mailing-Lists		<a href="#">lists.f</a>
March 2021 XStream Vulnerabilities in NetApp Products   NetApp Product Security	CONFIRM	<a href="#">secu</a>
XStream - CVE-2021-21344	MISC	<a href="#">x-stre</a>
Oracle Critical Patch Update Advisory - July 2021	N/A	<a href="#">www</a>
[jmeter-dev] 20210406 [GitHub] [jmeter] sside opened a new pull request #655: update x-stream to 1.4.16 (from 1.4.15)	MLIST	<a href="#">lists.ε</a>
Oracle Critical Patch Update Advisory - October 2021	MISC	<a href="#">www</a>
Oracle Critical Patch Update Advisory - January 2022	MISC	<a href="#">www</a>
Debian -- Security Information -- DSA-5004-1 libxstream-java	DEBIAN	<a href="#">www</a>
[SECURITY] Fedora 34 Update: xstream-1.4.18-2.fc34 - package-announce - Fedora Mailing-Lists		<a href="#">lists.f</a>
XStream - Security Aspects	MISC	<a href="#">x-stre</a>
[SECURITY] Fedora 35 Update: xstream-1.4.18-2.fc35 - package-announce - Fedora Mailing-Lists		<a href="#">lists.f</a>
[activemq-users] 20210427 Release date for ActiveMQ v5.16.2 to fix CVEs		<a href="#">lists.ε</a>

[SECURITY] Fedora 33 Update: xstream-1.4.18-2.fc33 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.f</a>
Pony Mail!	MLIST	<a href="#">lists.e</a>
[SECURITY] Fedora 35 Update: xstream-1.4.18-2.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.f</a>
[jmeter-dev] 20210406 [GitHub] [jmeter] sseide opened a new pull request #655: update x-stream to 1.4.16 (from 1.4.15)		<a href="#">lists.e</a>
[SECURITY] [DLA 2616-1] libxstream-java security update	MLIST	<a href="#">lists.c</a>
XStream is vulnerable to an Arbitrary Code Execution attack · Advisory · x-stream/xstream · GitHub	CONFIRM	<a href="#">githu</a>
CVE Program record	CVE.ORG	<a href="#">www</a>
NVD vulnerability detail	NVD	<a href="#">nvd.r</a>

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

<a href="#">159162</a> Oracle Enterprise Linux Security Update for xstream (ELSA-2021-1354)
<a href="#">178511</a> Debian Security Update for libxstream-java (DLA 2616-1)
<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="#">180243</a> Debian Security Update for libxstream-java (CVE-2021-21344)
<a href="#">198361</a> Ubuntu Security Notification for XStream vulnerabilities (USN-4943-1)
<a href="#">239260</a> Red Hat Update for xstream (RHSA-2021:1354)
<a href="#">257081</a> CentOS Security Update for xstream (CESA-2021:1354)
<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="#">352367</a> Amazon Linux Security Advisory for xstream: ALAS2-2021-1645
<a href="#">375827</a> XStream Arbitrary Code Execution And Multiple vulnerabilities
<a href="#">377045</a> Alibaba Cloud Linux Security Update for xstream (ALINUX2-SA-2021:0024)
<a href="#">730155</a> McAfee Web Gateway Multiple Vulnerabilities(WP-3580, WP-3656, WP-3815, WP-3878, WP-3882, WP-3934,WP-3935, WP-3936, WP-3999)
<a href="#">750094</a> SUSE Enterprise Linux Security Update for xstream (SUSE-SU-2021:1840-1)
<a href="#">750177</a> OpenSUSE Security Update for xstream (openSUSE-SU-2021:0832-1)
<a href="#">750773</a> OpenSUSE Security Update for xstream (openSUSE-SU-2021:1840-1)
<a href="#">980128</a> Java (maven) Security Update for com.thoughtworks.xstream:xstream (GHSA-59jw-jqf4-3wq3)

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