



CVE-2021-21347

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

Summary

CVE	CVE-2021-21347
State	PUBLIC
Assigner	security-advisories@github.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-03-23 00:15:00 UTC
Updated	2023-11-07 03:29:00 UTC
Description	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	Debian	Debian Linux	10.0	All
Operating System	Debian	Debian Linux	11.0	All
Operating System	Debian	Debian Linux	9.0	All
Operating System	Fedoraproject	Fedora	33	All
Operating System	Fedoraproject	Fedora	34	All
Operating System	Fedoraproject	Fedora	35	All
Application	Oracle	Banking Enterprise Default Management	2.10.0	All
Application	Oracle	Banking Enterprise Default Management	2.12.0	All
Application	Oracle	Banking Platform	2.12.0	All
Application	Oracle	Banking Platform	2.4.0	All
Application	Oracle	Banking Platform	2.7.1	All
Application	Oracle	Banking Platform	2.9.0	All
Application	Oracle	Banking Virtual Account Management	14.2.0	All
Application	Oracle	Banking Virtual Account Management	14.3.0	All
Application	Oracle	Banking Virtual Account Management	14.5.0	All
Application	Oracle	Business Activity Monitoring	11.1.1.9.0	All
Application	Oracle	Business Activity Monitoring	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	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	Oracle	Weblogic Server	12.1.3.0.0	All
Application	Oracle	Weblogic Server	12.2.1.3.0	All
Application	Oracle	Weblogic Server	12.2.1.4.0	All
Application	Oracle	Weblogic Server	14.1.1.0.0	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	lists.f
XStream - Change History	MISC	x-stre
[SECURITY] Fedora 33 Update: xstream-1.4.18-2.fc33 - package-announce - Fedora Mailing-Lists		lists.f
March 2021 XStream Vulnerabilities in NetApp Products NetApp Product Security	CONFIRM	secu
XStream - CVE-2021-21347	MISC	x-stre
Oracle Critical Patch Update Advisory - July 2021	N/A	www
[jmeter-dev] 20210406 [GitHub] [jmeter] sside opened a new pull request #655: update x-stream to 1.4.16 (from 1.4.15)	MLIST	lists.e
Oracle Critical Patch Update Advisory - October 2021	MISC	www
XStream is vulnerable to an Arbitrary Code Execution attack · Advisory · x-stream/xstream · GitHub	CONFIRM	github
Oracle Critical Patch Update Advisory - January 2022	MISC	www
Debian -- Security Information -- DSA-5004-1 libxstream-java	DEBIAN	www
[SECURITY] Fedora 34 Update: xstream-1.4.18-2.fc34 - package-announce - Fedora Mailing-Lists		lists.f

XStream - Security Aspects	MISC	x-stre
[SECURITY] Fedora 35 Update: xstream-1.4.18-2.fc35 - package-announce - Fedora Mailing-Lists		lists.f
[activemq-users] 20210427 Release date for ActiveMQ v5.16.2 to fix CVEs		lists.c
[SECURITY] Fedora 33 Update: xstream-1.4.18-2.fc33 - package-announce - Fedora Mailing-Lists	FEDORA	lists.f
Pony Mail!	MLIST	lists.c
[SECURITY] Fedora 35 Update: xstream-1.4.18-2.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	lists.f
[jmeter-dev] 20210406 [GitHub] [jmeter] sside opened a new pull request #655: update x-stream to 1.4.16 (from 1.4.15)		lists.c
[SECURITY] [DLA 2616-1] libxstream-java security update	MLIST	lists.c
CVE Program record	CVE.ORG	www
NVD vulnerability detail	NVD	nvd.r

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

159162 Oracle Enterprise Linux Security Update for xstream (ELSA-2021-1354)
178511 Debian Security Update for libxstream-java (DLA 2616-1)
178889 Debian Security Update for libxstream-java (DSA 5004-1)
178890 Debian Security Update for libxstream-java (DSA 5004-1)
180385 Debian Security Update for libxstream-java (CVE-2021-21347)
198361 Ubuntu Security Notification for XStream vulnerabilities (USN-4943-1)
239260 Red Hat Update for xstream (RHSA-2021:1354)
257081 CentOS Security Update for xstream (CESA-2021:1354)
281980 Fedora Security Update for xstream (FEDORA-2021-d894ca87dc)
281981 Fedora Security Update for xstream (FEDORA-2021-fbad11014a)
352367 Amazon Linux Security Advisory for xstream: ALAS2-2021-1645
375827 XStream Arbitrary Code Execution And Multiple vulnerabilities
377045 Alibaba Cloud Linux Security Update for xstream (ALINUX2-SA-2021:0024)
730155 McAfee Web Gateway Multiple Vulnerabilities(WP-3580, WP-3656, WP-3815, WP-3878, WP-3882, WP-3934,WP-3935, WP-3936, WP-3999)
750094 SUSE Enterprise Linux Security Update for xstream (SUSE-SU-2021:1840-1)
750177 OpenSUSE Security Update for xstream (openSUSE-SU-2021:0832-1)
750773 OpenSUSE Security Update for xstream (openSUSE-SU-2021:1840-1)

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