



CVE-2021-21348

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

Summary

CVE	CVE-2021-21348
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-400

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	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
[SECURITY] Fedora 34 Update: xstream-1.4.18-2.fc34 - package-announce - Fedora Mailing-Lists	FEDORA
XStream - CVE-2021-21348	MISC
XStream - Change History	MISC
[SECURITY] Fedora 33 Update: xstream-1.4.18-2.fc33 - package-announce - Fedora Mailing-Lists	
March 2021 XStream Vulnerabilities in NetApp Products NetApp Product Security	CONFIDENTIAL
Oracle Critical Patch Update Advisory - July 2021	N/A
[jmeter-dev] 20210406 [GitHub] [jmeter] sseide opened a new pull request #655: update x-stream to 1.4.16 (from 1.4.15)	MLIST
Oracle Critical Patch Update Advisory - October 2021	MISC
Oracle Critical Patch Update Advisory - January 2022	MISC
Debian -- Security Information -- DSA-5004-1 libxstream-java	DEBIAN
[SECURITY] Fedora 34 Update: xstream-1.4.18-2.fc34 - package-announce - Fedora Mailing-Lists	
XStream - Security Aspects	MISC
XStream is vulnerable to an attack using Regular Expression for a Denial of Service (ReDos) · Advisory · x-stream/xstream · GitHub	CONFIDENTIAL
[SECURITY] Fedora 35 Update: xstream-1.4.18-2.fc35 - package-announce - Fedora Mailing-Lists	
[activemq-users] 20210427 Release date for ActiveMQ v5.16.2 to fix CVEs	

[SECURITY] Fedora 33 Update: xstream-1.4.18-2.fc33 - package-announce - Fedora Mailing-Lists	FEDOF
Pony Mail!	MLIST
[SECURITY] Fedora 35 Update: xstream-1.4.18-2.fc35 - package-announce - Fedora Mailing-Lists	FEDOF
[jmeter-dev] 20210406 [GitHub] [jmeter] sseide opened a new pull request #655: update x-stream to 1.4.16 (from 1.4.15)	
[SECURITY] [DLA 2616-1] libxstream-java security update	MLIST
CVE Program record	CVE.O
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

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)
180082 Debian Security Update for libxstream-java (CVE-2021-21348)
198361 Ubuntu Security Notification for XStream vulnerabilities (USN-4943-1)
281980 Fedora Security Update for xstream (FEDORA-2021-d894ca87dc)
281981 Fedora Security Update for xstream (FEDORA-2021-fbad11014a)
375827 XStream Arbitrary Code Execution And Multiple vulnerabilities
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)
980136 Java (maven) Security Update for com.thoughtworks.xstream:xstream (GHSA-56p8-3fh9-4cvq)

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