



CVE-2021-39147

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

| | |
|------------------------|--|
| CVE | CVE-2021-39147 |
| State | PUBLIC |
| Assigner | security-advisories@github.com |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2021-08-23 18:15:00 UTC |
| Updated | 2023-11-07 03:37:00 UTC |
| Description | 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 | 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 | Netapp | Snapmanager | - | All |
| Application | Netapp | Snapmanager | - | All |
| Application | Oracle | Business Activity Monitoring | 12.2.1.4.0 | All |
| Application | Oracle | Commerce Guided Search | 11.3.2 | All |
| Application | Oracle | Communications Billing And Revenue Management Elastic Charging Engine | 11.3 | All |
| Application | Oracle | Communications Billing And Revenue Management Elastic Charging Engine | 12.0 | All |
| Application | Oracle | Communications Cloud Native Core Automated Test Suite | 1.9.0 | All |
| Application | Oracle | Communications Cloud Native Core Binding Support Function | 1.10.0 | All |
| Application | Oracle | Communications Cloud Native Core Policy | 1.14.0 | All |
| Application | Oracle | Communications Unified Inventory Management | 7.3.4 | All |
| Application | Oracle | Communications Unified Inventory Management | 7.3.5 | All |

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|-------------|-----------------|---|------------|-----|
| 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 | lists.fedoraproject.org | |
| [SECURITY] [DLA 2769-1] libxstream-java security update | MLIST | lists.debian.org | |
| [SECURITY] Fedora 33 Update: xstream-1.4.18-2.fc33 - package-announce - Fedora Mailing-Lists | | lists.fedoraproject.org | |
| Oracle Critical Patch Update Advisory - April 2022 | MISC | www.oracle.com | |
| August 2021 XStream Vulnerabilities in NetApp Products NetApp Product Security | CONFIRM | security.netapp.com | |
| Oracle Critical Patch Update Advisory - January 2022 | MISC | www.oracle.com | |
| Debian -- Security Information -- DSA-5004-1 libxstream-java | DEBIAN | www.debian.org | |
| [SECURITY] Fedora 34 Update: xstream-1.4.18-2.fc34 - package-announce - Fedora Mailing-Lists | | lists.fedoraproject.org | |
| XStream - CVE-2021-39147 | MISC | x-stream.github.io | |
| [SECURITY] Fedora 35 Update: xstream-1.4.18-2.fc35 - package-announce - Fedora Mailing-Lists | | lists.fedoraproject.org | |
| XStream is vulnerable to an Arbitrary Code Execution attack · Advisory · x-stream/xstream · GitHub | CONFIRM | github.com | |
| [SECURITY] Fedora 33 Update: xstream-1.4.18-2.fc33 - package-announce - Fedora Mailing-Lists | FEDORA | lists.fedoraproject.org | |
| [SECURITY] Fedora 35 Update: xstream-1.4.18-2.fc35 - package-announce - Fedora Mailing-Lists | FEDORA | lists.fedoraproject.org | |

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|---|---------|--|----|
| Oracle Critical Patch Update Advisory - July 2022 | N/A | www.oracle.com | |
| CVE Program record | CVE.ORG | www.cve.org | ca |
| NVD vulnerability detail | NVD | nvd.nist.gov | ca |

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

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|--|
| 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) |
| 181969 Debian Security Update for libxstream-java (CVE-2021-39147) |
| 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) |
| 980143 Java (maven) Security Update for com.thoughtworks.xstream:xstream (GHSA-h7v4-7xg3-hxcc) |

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