



CVE-2022-45063

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

| | |
|------------------------|---|
| CVE | CVE-2022-45063 |
| State | PUBLISHED |
| Assigner | mitre |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2022-11-10 16:15:12 UTC |
| Updated | 2026-04-08 19:17:54 UTC |
| Description | xterm before 375 allows code execution via font ops, e.g., because an OSC 50 response may have Ctrl-g and therefore lea |

Risk And Classification

Primary CVSS: v3.1 9.8 CRITICAL from nvd@nist.gov

CVSS: 3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

EPSS: 0.179380000 probability, percentile 0.951410000 (date 2026-04-09)

Problem Types: CWE-77 | n/a

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS: 3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|------------------|----------------------------------|------------------------|---------|--------|---------|----------|
| Operating System | Fedora | Fedora | 35 | All | All | All |
| Operating System | Fedora | Fedora | 36 | All | All | All |
| Operating System | Fedora | Fedora | 37 | All | All | All |
| Application | Invisible-island | Xterm | All | All | All | All |

Vendor Declared Affected Products

| Source | Vendor | Product | Version | Platforms |
|--------|--------------------|---------------------|--------------|---------------|
| CNA | Na | N/a | affected n/a | Not specified |

References

| Reference | Source |
|---|--|
| [SECURITY] Fedora 35 Update: xterm-375-1.fc35 - package-announce - Fedora Mailing-Lists | af854a3a-2127-422b-91ae-364da2661108 |
| oss-security - Re: CVE-2022-45063: xterm <375 code execution via font ops | af854a3a-2127-422b-91ae-364da2661108 |
| www.openwall.com/lists/oss-security/2026/04/08/10 | af854a3a-2127-422b-91ae-364da2661108 |
| www.openwall.com/lists/oss-security/2026/04/08/1 | af854a3a-2127-422b-91ae-364da2661108 |
| [SECURITY] Fedora 36 Update: xterm-375-1.fc36 - package-announce - Fedora Mailing-Lists | af854a3a-2127-422b-91ae-364da2661108 |
| www.openwall.com/lists/oss-security/2024/06/17/1 | af854a3a-2127-422b-91ae-364da2661108 |
| oss-security - CVE-2022-45063: xterm <375 code execution via font ops | af854a3a-2127-422b-91ae-364da2661108 |
| www.openwall.com/lists/oss-security/2024/06/15/1 | af854a3a-2127-422b-91ae-364da2661108 |
| xterm: Arbitrary Code Execution (GLSA 202211-09) — Gentoo security | af854a3a-2127-422b-91ae-364da2661108 |
| XTERM - Change Log | af854a3a-2127-422b-91ae-364da2661108 |
| oss-security - CVE-2022-45063: xterm <375 code execution via font ops | af854a3a-2127-422b-91ae-364da2661108 |
| [SECURITY] Fedora 37 Update: xterm-375-1.fc37 - package-announce - Fedora Mailing-Lists | af854a3a-2127-422b-91ae-364da2661108 |
| CVE-2022-45063: xterm code execution via font ops Hacker News | af854a3a-2127-422b-91ae-364da2661108 |
| [SECURITY] Fedora 36 Update: xterm-375-1.fc36 - package-announce - Fedora Mailing-Lists | MITRE |
| [SECURITY] Fedora 35 Update: xterm-375-1.fc35 - package-announce - Fedora Mailing-Lists | MITRE |
| [SECURITY] Fedora 37 Update: xterm-375-1.fc37 - package-announce - Fedora Mailing-Lists | MITRE |
| CVE Program record | CVE.ORG |
| NVD vulnerability detail | NVD |

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

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|--|
| 182927 Debian Security Update for xterm (CVE-2022-45063) |
| 283325 Fedora Security Update for xterm (FEDORA-2022-681bbe67b6) |
| 283338 Fedora Security Update for xterm (FEDORA-2022-8cf76a9ceb) |
| 283421 Fedora Security Update for xterm (FEDORA-2022-af5f1eee2c) |
| 710688 Gentoo Linux xterm Arbitrary Code Execution Vulnerability (GLSA 202211-09) |
| 753588 SUSE Enterprise Linux Security Update for xterm (SUSE-SU-2023:0173-1) |
| 753610 SUSE Enterprise Linux Security Update for xterm (SUSE-SU-2023:0221-1) |
| 753794 SUSE Enterprise Linux Security Update for xterm (SUSE-SU-2023:0582-1) |
| 904484 Common Base Linux Mariner (CBL-Mariner) Security Update for xterm (11429) |
| 907280 Common Base Linux Mariner (CBL-Mariner) Security Update for xterm (11429-1) |

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