



CVE-2020-28949

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Summary

CVE	CVE-2020-28949
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-11-19 19:15:00 UTC
Updated	2023-11-07 03:21:00 UTC
Description	Archive_Tar through 1.4.10 has // filename sanitization only to address phar attacks, and thus any other stream-wrapper at

Risk And Classification

EPSS: 0.929610000 probability, percentile 0.997760000 (date 2026-04-01)

CISA KEV: Listed on 2022-08-25; due 2022-09-15; ransomware use Unknown

Problem Types: CWE-74

CISA Known Exploited Vulnerability

Vendor	PEAR
Product	Archive_Tar
Name	PEAR Archive_Tar Deserialization of Untrusted Data Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://pear.php.net/bugs/bug.php?id=27002 , https://www.drupal.org/sa-core-2020-013 , https://access.redhat.com/security/cve/cve-2020-28949 ; https://nvd.nist.gov/vuln/detail/CVE-2020-28949

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Drupal	Drupal	All	All	All	All
Application	Drupal	Drupal	All	All	All	All
Operating System	Fedoraproject	Fedora	32	All	All	All

Operating System	Fedoraproject	Fedora	33	All	All	All
Operating System	Fedoraproject	Fedora	34	All	All	All
Operating System	Fedoraproject	Fedora	35	All	All	All
Operating System	Fedoraproject	Fedora	32	All	All	All
Operating System	Fedoraproject	Fedora	33	All	All	All
Application	Php	Archive Tar	All	All	All	All
Application	Php	Archive Tar	All	All	All	All

References

Reference	Source	Link
[SECURITY] Fedora 33 Update: php-pear-1.10.12-4.fc33 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 35 Update: drupal7-7.82-1.fc35 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] Fedora 33 Update: drupal8-8.9.11-1.fc33 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] Fedora 32 Update: drupal8-8.9.11-1.fc32 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] [DLA 2466-1] drupal7 security update	MLIST	lists.debian.org
PEAR Archive_Tar Arbitrary File Write ≈ Packet Storm	MISC	packetstormsecurity.com
[SECURITY] Fedora 34 Update: drupal7-7.82-1.fc34 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
Multiple vulnerabilities through filename manipulation · Issue #33 · pear/Archive_Tar · GitHub	MISC	github.com
[SECURITY] Fedora 33 Update: php-pear-1.10.12-4.fc33 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] Fedora 33 Update: drupal8-8.9.11-1.fc33 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 35 Update: drupal7-7.82-1.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 34 Update: drupal7-7.82-1.fc34 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] Fedora 32 Update: php-pear-1.10.12-4.fc32 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
Debian -- Security Information -- DSA-4817-1 php-pear	DEBIAN	www.debian.org
[SECURITY] Fedora 32 Update: php-pear-1.10.12-4.fc32 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
PEAR Archive_Tar: Directory traversal (GLSA 202101-23) — Gentoo security	GENTOO	security.gentoo.org
[SECURITY] Fedora 32 Update: drupal8-8.9.11-1.fc32 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
Drupal core - Critical - Arbitrary PHP code execution - SA-CORE-2020-013 Drupal.org	CONFIRM	www.drupal.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov
CISA Known Exploited Vulnerabilities catalog	CISA	www.cisa.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

154101 Drupal Core Arbitrary Code Execution Vulnerability (SA-CORE-2020-013)

160100 Oracle Enterprise Linux Security Update for php:7.4 (ELSA-2022-6542)
160197 Oracle Enterprise Linux Security Update for php-pear (ELSA-2022-7340)
240672 Red Hat Update for php:7.4 (RHSA-2022:6542)
240674 Red Hat Update for php:7.4 (RHSA-2022:6541)
240810 Red Hat Update for php-pear (RHSA-2022:7340)
281914 Fedora Security Update for drupal7 (FEDORA-2021-8093e197f4)
377605 Alibaba Cloud Linux Security Update for php:7.4 (ALINUX3-SA-2022:0161)
377760 Alibaba Cloud Linux Security Update for php-pear (ALINUX2-SA-2022:0052)
500879 Alpine Linux Security Update for drupal7
504703 Alpine Linux Security Update for drupal7
670917 EulerOS Security Update for php-pear (EulerOS-SA-2021-1345)
940671 AlmaLinux Security Update for php:7.4 (ALSA-2022:6542)
960355 Rocky Linux Security Update for php:7.4 (RLSA-2022:6542)

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