CVE-2020-7247

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Summary

CVE	CVE-2020-7247
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-01-29 16:15:00 UTC
Updated	2023-11-07 03:25:00 UTC
Description	smtp_mailaddr in smtp_session.c in OpenSMTPD 6.6, as used in OpenBSD 6.6 and other products, allows remote attacker

Risk And Classification

EPSS: 0.940760000 probability, percentile 0.999030000 (date 2026-04-01)

CISA KEV: Listed on 2022-03-25; due 2022-04-15; ransomware use Unknown

Problem Types: CWE-78 | CWE-755

CISA Known Exploited Vulnerability

Vendor	OpenBSD
Product	OpenSMTPD
Name	OpenSMTPD Remote Code Execution Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://nvd.nist.gov/vuln/detail/CVE-2020-7247

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.10	All	All	All
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
Operating System	Fedoraproject	Fedora	32	All	All	All
Application	Openbsd	Opensmtpd	6.6	All	All	All

Application	Openbsd	Opensmtpd	6.6	All	All	All

References

Reference	Source	Link
Debian -- Security Information -- DSA-4611-1 opensmtpd	DEBIAN	www.debian.org
Full Disclosure: LPE and RCE in OpenSMTPD (CVE-2020-7247)	FULLDISC	seclists.org
OpenSMTPD 6.6.1 Local Privilege Escalation ≈ Packet Storm	MISC	packetstormsecurity.co
[SECURITY] Fedora 32 Update: opensmtpd-6.6.4p1-2.fc32 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
USN-4268-1: OpenSMTPD vulnerability | Ubuntu security notices	UBUNTU	usn.ubuntu.com
[SECURITY] Fedora 32 Update: opensmtpd-6.6.4p1-2.fc32 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
OpenSMTPD 6.6.2 Remote Code Execution ≈ Packet Storm	MISC	packetstormsecurity.co
OpenSMTPD MAIL FROM Remote Code Execution ≈ Packet Storm	MISC	packetstormsecurity.co
OpenBSD OpenSMTPD Privilege Escalation / Code Execution ≈ Packet Storm	MISC	packetstormsecurity.co
oss-security - LPE and RCE in OpenSMTPD (CVE-2020-7247)	MISC	www.openwall.com
OpenBSD OpenSMTPD 6.6 Remote Code Execution ≈ Packet Storm	MISC	packetstormsecurity.co
VU#390745 - OpenSMTPD vulnerable to local privilege escalation and remote code execution	CERT-VN	www.kb.cert.org
OpenBSD Security	CONFIRM	www.openbsd.org
Bugtraq: [SECURITY] [DSA 4611-1] opensmtpd security update	BUGTRAQ	seclists.org
Fix a security vulnerability discovered by Qualys which can lead to a · openbsd/src@9dcfda0 · GitHub	CONFIRM	github.com
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

500482 Alpine Linux Security Update for opensmtpd

505195 Alpine Linux Security Update for opensmtpd