



CVE-2016-5746

- MITRE
- NVD
- CVE.ORG
- JSON API
- Print: PDF

Summary

CVE	CVE-2016-5746
State	PUBLISHED
Assigner	microfocus
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-09-26 15:59:00 UTC
Updated	2026-05-06 22:30:45 UTC
Description	libstorage, libstorage-ng, and yast-storage improperly store passphrases for encrypted storage devices in a temporary file c

Risk And Classification

Primary CVSS: v3.0 5.1 MEDIUM from nvd@nist.gov

CVSS:3.0/AV:L/AC:H/PR:N/UI:N/S:U/C:H/I:N/A:N

EPSS: 0.000580000 probability, percentile 0.180610000 (date 2026-05-07)

Problem Types: NVD-CWE-Other | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	5.1	MEDIUM	CVSS:3.0/AV:L/AC:H/PR:N/UI:N/S:U/C:H/I:N/A:N
2.0	nvd@nist.gov	Primary	1.2		AV:L/AC:H/Au:N/C:P/I:N/A:N

CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

High

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

None

None

Availability

None

CVSS:3.0/AV:L/AC:H/PR:N/UI:N/S:U/C:H/I:N/A:N

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

High

Authentication

None

Confidentiality

Partial

Integrity

None

Availability

None

AV:L/AC:H/Au:N/C:P/I:N/A:N

NVD Known Affected Configurations (CPE 2.3)						
Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Opensuse	Leap	42.1	All	All	All
Application	Opensuse	Libstorage	-	All	All	All
Application	Opensuse	Libstorage-ng	-	All	All	All
Application	Yast	Yast-storage	-	All	All	All

Vendor Declared Affected Products				
Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References	
Reference	Score
SLE-11 SP4: Use stdin, not tmp files for passwords (bsc#986971) by shundhammer · Pull Request #223 · yast/yast-storage · GitHub	affected
SLE-12 SP1: Use stdin, not tmp files for passwords (bsc#986971) by shundhammer · Pull Request #162 · openSUSE/libstorage · GitHub	affected
openSUSE-SU-2016:2264-1: moderate: Security update for libstorage	affected
Bug 986971 – VUL-0: CVE-2016-5746: libstorage,yast2-storage:: encryption passphrases written to temporary files on disk	affected
Use stdin, not tmp files for passwords (bsc#986971) by shundhammer · Pull Request #123 · openSUSE/libstorage-ng · GitHub	affected
SI F-11 SP1: Use stdin, not tmp files for passwords (bsc#986971) by shundhammer · Pull Request #226 · yast/yast-storage · GitHub	affected

SLE-11 SP3: Use stdin, not tmp files for passwords (bsc#986971) by shundhammer · Pull Request #220 · yast/yast-storage · GitHub	af
SLE-12 GA: Use stdin, not tmp files for passwords (bsc#986971) by shundhammer · Pull Request #163 · openSUSE/libstorage · GitHub	af
[SLE-10 SP3] Use stdin, not tmp files for passwords (bsc#986971) by shundhammer · Pull Request #227 · yast/yast-storage · GitHub	af
libstorage CVE-2016-5746 Insecure File Permissions Vulnerability	af
SLE-11 SP3: Use stdin, not tmp files for passwords (bsc#986971) by shundhammer · Pull Request #224 · yast/yast-storage · GitHub	af
CVE Program record	C
NVD vulnerability detail	N



No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.