CVE-2016-6224

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CVE-2016-6224

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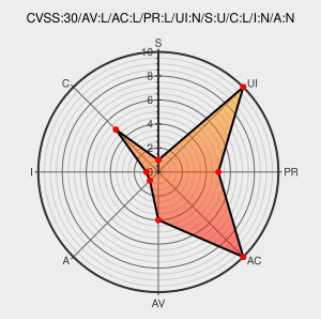

Certain versions of Ubuntu Linux from Canonical contain the following vulnerability:

ecryptfs-setup-swap in eCryptfs does not prevent the unencrypted swap partition from activating during boot when using GPT partitioning on a (1) NVMe or (2) MMC drive, which allows local users to obtain sensitive information via unspecified vectors. NOTE: this vulnerability exists because of an incomplete fix for CVE-2015-8946.

CVE-2016-6224 has been assigned by cve@mitre.org to track the vulnerability - currently rated as LOW severity.

CVSS3 Score: 3.3 - LOW

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	LOW	NONE	NONE

CVSS2 Score: 2.1 - LOW

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
~ecryptfs/ecryptfs/trunk : revision 882	bazaar.launchpad.net text/xml	CONFIRM bazaar.launchpad.net/~ecryptfs/ecryptfs/trunk/revision/882
Bug #1597154 “ecryptfs-setup-swap leaves swap	bugs.launchpad.net	CONFIRM bugs.launchpad.net/ecryptfs/+bug/1597154

unencrypted with G...” : Bugs : eCryptfs	bugs.launchpad.net text/html	CONFIRM bugs.launchpad.net/ecryptfs/+bug/1597154
[SECURITY] Fedora 24 Update: ecryptfs-utils-111-1.fc24 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	FEDORA FEDORA-2016-41301e2187
oss-security - Re: CVE Requests: Information exposure caused by ecryptfs-setup-swap failures	www.openwall.com text/html	MLIST [oss-security] 20160714 Re: CVE Requests: Information exposure caused by ecryptfs-setup-swap failures
oss-security - CVE Requests: Information exposure caused by ecryptfs-setup-swap failures	www.openwall.com text/html	MLIST [oss-security] 20160713 CVE Requests: Information exposure caused by ecryptfs-setup-swap failures
USN-3032-1: eCryptfs vulnerability | Ubuntu	Third Party Advisory www.ubuntu.com text/html	UBUNTU USN-3032-1
Bug #1447282 “Does not use encrypted swap when using GPT partiti...” : Bugs : ecryptfs-utils package : Ubuntu	bugs.launchpad.net text/html	CONFIRM bugs.launchpad.net/ubuntu/+source/ecryptfs-utils/+bug/1447282

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	15.10	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	15.10	All	All	All
Application	Ecryptfs	Ecryptfs-utils	All	All	All	All

cpe:2.3:o:canonical:ubuntu_linux:14.04:*:*:*:lts:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:15.10:*:*:*:*:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:14.04:*:*:*:lts:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:15.10:*:*:*:*:*:*:*:

cpe:2.3:a:ecryptfs:ecryptfs-utils:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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Next ID→

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