



CVE-2014-8242

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2014-8242
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2015-10-26 17:59:00 UTC
Updated	2026-05-06 22:30:45 UTC
Description	librsync before 1.0.0 uses a truncated MD4 checksum to match blocks, which makes it easier for remote attackers to modify

Risk And Classification

Primary CVSS: v2.0 5.8 from nvd@nist.gov

AV:N/AC:M/Au:N/C:N/I:P/A:P

Problem Types: CWE-310 | n/a

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

None

Integrity

Partial

Availability

Partial

AV:N/AC:M/Au:N/C:N/I:P/A:P

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Librsync Project	Librsync	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	
rsync: Multiple vulnerabilities (GLSA 201605-04) — Gentoo security			af854a3a-2127-422b-91ae-364da2661	
oss-security - rsync vulnerable to collisions			af854a3a-2127-422b-91ae-364da2661	
oss-security - Re: [CVE Requests] rsync and librsync collisions			af854a3a-2127-422b-91ae-364da2661	
[SECURITY] Fedora 22 Update: rdiff-backup-1.2.8-14.fc22			af854a3a-2127-422b-91ae-364da2661	
oss-security - [CVE Requests] rsync and librsync collisions			af854a3a-2127-422b-91ae-364da2661	
Optimizing a Birthday Attack			af854a3a-2127-422b-91ae-364da2661	
SECURITY: MD4 collision/preimage attacks (CVE-2014-8242) · Issue #5 · librsync/librsync · GitHub			af854a3a-2127-422b-91ae-364da2661	
[SECURITY] Fedora 21 Update: librsync-1.0.0-1.fc21			af854a3a-2127-422b-91ae-364da2661	
[SECURITY] Fedora 20 Update: duplicity-0.6.25-3.fc20			af854a3a-2127-422b-91ae-364da2661	
openSUSE-SU-2015:1752-1: moderate: Security update for rsync			af854a3a-2127-422b-91ae-364da2661	
Bug 1126712 – CVE-2014-8242 librsync: MD4 collision file corruption			af854a3a-2127-422b-91ae-364da2661	
Release 1.0.0 · librsync/librsync · GitHub			af854a3a-2127-422b-91ae-364da2661	
CVE Program record			CVE.ORG	
NVD vulnerability detail			NVD	
No vendor comments have been submitted for this CVE.				
There are currently no legacy QID mappings associated with this CVE.				