



CVE-2016-7031

- MITRE
- NVD
- CVE.ORG
- JSON API
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Summary

CVE	CVE-2016-7031
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-10-03 18:59:12 UTC
Updated	2026-05-06 22:30:45 UTC
Description	The RGW code in Ceph before 10.0.1, when authenticated-read ACL is applied to a bucket, allows remote attackers to list t

Risk And Classification

Primary CVSS: v3.0 7.5 HIGH from nvd@nist.gov

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

EPSS: 0.007430000 probability, percentile 0.731210000 (date 2026-05-07)

Problem Types: CWE-200 | CWE-254 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	7.5	HIGH	CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:N
2.0	nvd@nist.gov	Primary	4.3		AV:N/AC:M/Au:N/C:P/I:N/A:N

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

None

None

Availability

None

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

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

Partial

Integrity

None

Availability

None

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Ceph Project	Ceph	All	All	All	All
Application	Redhat	Ceph Storage	All	All	All	All

Vendor Declared Affected Products

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

References

Reference
Red Hat Ceph CVE-2016-7031 Security Bypass Vulnerability
Red Hat Customer Portal
Bug #13207: Rados Gateway: Anonymous user is able to read bucket with authenticated read ACL by rahul1aggarwal · Pull Request #6057 ·
Red Hat Customer Portal
Release Notes — Ceph Documentation
Bug #13207: CVE-2016-7031 rgw: Anonymous user is able to read bucket with authenticated read ACL - rgw - Ceph
CVE Program record
NVD vulnerability detail

No vendor comments have been submitted for this CVE.

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

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