



CVE-2018-1129

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

Summary

CVE	CVE-2018-1129
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-07-10 14:29:00 UTC
Updated	2019-08-29 03:15:00 UTC
Description	A flaw was found in the way signature calculation was handled by cephx authentication protocol. An attacker having access

Risk And Classification

Problem Types: CWE-287

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Ceph	Ceph	10.2.0	All	All	All
Application	Ceph	Ceph	10.2.1	All	All	All
Application	Ceph	Ceph	10.2.10	All	All	All
Application	Ceph	Ceph	10.2.11	All	All	All
Application	Ceph	Ceph	10.2.2	All	All	All
Application	Ceph	Ceph	10.2.3	All	All	All
Application	Ceph	Ceph	10.2.4	All	All	All
Application	Ceph	Ceph	10.2.5	All	All	All
Application	Ceph	Ceph	10.2.6	All	All	All
Application	Ceph	Ceph	10.2.7	All	All	All
Application	Ceph	Ceph	10.2.8	All	All	All
Application	Ceph	Ceph	10.2.9	All	All	All
Application	Ceph	Ceph	12.2.0	All	All	All
Application	Ceph	Ceph	12.2.1	All	All	All
Application	Ceph	Ceph	12.2.2	All	All	All
Application	Ceph	Ceph	12.2.3	All	All	All
Application	Ceph	Ceph	12.2.4	All	All	All

Application	Ceph	Ceph	12.2.5	All	All	All
Application	Ceph	Ceph	12.2.6	All	All	All
Application	Ceph	Ceph	12.2.7	All	All	All
Application	Ceph	Ceph	13.2.0	All	All	All
Application	Ceph	Ceph	13.2.1	All	All	All
Application	Ceph	Ceph	10.2.0	All	All	All
Application	Ceph	Ceph	10.2.1	All	All	All
Application	Ceph	Ceph	10.2.10	All	All	All
Application	Ceph	Ceph	10.2.11	All	All	All
Application	Ceph	Ceph	10.2.2	All	All	All
Application	Ceph	Ceph	10.2.3	All	All	All
Application	Ceph	Ceph	10.2.4	All	All	All
Application	Ceph	Ceph	10.2.5	All	All	All
Application	Ceph	Ceph	10.2.6	All	All	All
Application	Ceph	Ceph	10.2.7	All	All	All
Application	Ceph	Ceph	10.2.8	All	All	All
Application	Ceph	Ceph	10.2.9	All	All	All
Application	Ceph	Ceph	12.2.0	All	All	All
Application	Ceph	Ceph	12.2.1	All	All	All
Application	Ceph	Ceph	12.2.2	All	All	All
Application	Ceph	Ceph	12.2.3	All	All	All
Application	Ceph	Ceph	12.2.4	All	All	All
Application	Ceph	Ceph	12.2.5	All	All	All
Application	Ceph	Ceph	12.2.6	All	All	All
Application	Ceph	Ceph	12.2.7	All	All	All
Application	Ceph	Ceph	13.2.0	All	All	All
Application	Ceph	Ceph	13.2.1	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Opensuse	Leap	15.0	All	All	All
Operating System	Opensuse	Leap	15.0	All	All	All
Application	Redhat	Ceph Storage	1.3	All	All	All
Application	Redhat	Ceph Storage	3	All	All	All

Application	Redhat	Ceph Storage	1.3	All	All	All
Application	Redhat	Ceph Storage	3	All	All	All
Application	Redhat	Ceph Storage Mon	2	All	All	All
Application	Redhat	Ceph Storage Mon	3	All	All	All
Application	Redhat	Ceph Storage Mon	2	All	All	All
Application	Redhat	Ceph Storage Mon	3	All	All	All
Application	Redhat	Ceph Storage Osd	2	All	All	All
Application	Redhat	Ceph Storage Osd	3	All	All	All
Application	Redhat	Ceph Storage Osd	2	All	All	All
Application	Redhat	Ceph Storage Osd	3	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All

References

Reference	Source	Link
Red Hat Customer Portal	REDHAT	access.redhat.com
Bug #24837: auth: cephx signature check is weak/broken - RADOS - Ceph	CONFIRM	tracker.ceph.com
auth/cephx/CephxSessionHandler: implement CEPHX_V2 calculation mode · ceph/ceph@8f396cf · GitHub	CONFIRM	github.com
Red Hat Customer Portal	REDHAT	access.redhat.com
[SECURITY] [DLA 1715-1] linux-4.9 security update	MLIST	lists.debian.org
[security-announce] openSUSE-SU-2019:1284-1: moderate: Security update f	SUSE	lists.opensuse.org
Debian -- Security Information -- DSA-4339-1 ceph	DEBIAN	www.debian.org
Red Hat Customer Portal	REDHAT	access.redhat.com
1576057 – (CVE-2018-1129) CVE-2018-1129 ceph: cephx uses weak signatures	CONFIRM	bugzilla.redhat.com
Red Hat Customer Portal	REDHAT	access.redhat.com
Kernel Live Patch Security Notice LSN-0054-1 ≈ Packet Storm	MISC	packetstormsecurity.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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

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