



Keystone: openstack keystone: denial of service via large http request with long tenant name

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

Summary

CVE	CVE-2013-0270
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2013-04-12 22:55:01 UTC
Updated	2026-04-07 07:16:23 UTC
Description	A flaw was found in OpenStack Keystone. A remote attacker could exploit this vulnerability by sending a large HTTP request

Risk And Classification

Primary CVSS: v3.1 6.5 MEDIUM from secalert@redhat.com

CVSS: 3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H

EPSS: 0.026810000 probability, percentile 0.858080000 (date 2026-04-07)

Problem Types: CWE-1284 | CWE-119 | CWE-1284 Improper Validation of Specified Quantity in Input

Version	Source	Type	Score	Severity	Vector
3.1	secalert@redhat.com	Primary	6.5	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H
3.1	CNA	CVSS	6.5	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H
2.0	nvd@nist.gov	Primary	5		AV:N/AC:L/Au:N/C:N/I:N/A:P

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

None

Integrity

None

Availability

Partial

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Openstack	Keystone	2013.1	milestone1	All	All
Application	Openstack	Keystone	2013.1	milestone2	All	All
Application	Openstack	Keystone	2013.1	milestone3	All	All
Application	Openstack	Keystone	All	All	All	All
Application	Openstack	Keystone	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Red Hat	Red Hat OpenStack Platform 13 Queens	Not specified	Not specified
CNA	Red Hat	Red Hat OpenStack Platform 16.2	Not specified	Not specified
CNA	Red Hat	Red Hat OpenStack Platform 16.2	Not specified	Not specified
CNA	Red Hat	Red Hat OpenStack Platform 17.1	Not specified	Not specified
CNA	Red Hat	Red Hat OpenStack Platform 17.1	Not specified	Not specified

CNA	Red Hat	Red Hat OpenStack Platform 18.0	Not specified	Not specified
CNA	Red Hat	Red Hat OpenStack Platform 18.0	Not specified	Not specified

References

Reference	Source
Bug #1099025 "block really large requests" : Bugs : OpenStack Identity (keystone)	af854a3a-2127-422b-91ae-364da2661
2013.1 "grizzly" : Series grizzly : Keystone	af854a3a-2127-422b-91ae-364da2661
Limit the size of HTTP requests. · openstack/keystone@7691276 · GitHub	af854a3a-2127-422b-91ae-364da2661
access.redhat.com/security/cve/CVE-2013-0270	secalert@redhat.com
909012 – (CVE-2013-0270) CVE-2013-0270 OpenStack Keystone: Large HTTP request DoS	af854a3a-2127-422b-91ae-364da2661
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da2661
Merge "Add size validations for /tokens." into stable/folsom · openstack/keystone@82c87e5 · GitHub	af854a3a-2127-422b-91ae-364da2661
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

Additional Advisory Data

Source	Time	Event
CNA	2026-04-02T15:03:35.327Z	Reported to Red Hat.
CNA	2013-04-12T22:00:00.000Z	Made public.

Workarounds

CNA: Mitigation for this issue is either not available or the currently available options do not meet the Red Hat Product Security criteria comprising ease of use and deployment, applicability to widespread installation base, or stability.

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

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