



CVE-2013-0247

- MITRE
- NVD
- CVE.ORG
- JSON API
- Print: PDF

Summary

CVE	CVE-2013-0247
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2013-02-24 19:55:01 UTC
Updated	2026-04-29 01:13:23 UTC
Description	OpenStack Keystone Essex 2012.1.3 and earlier, Folsom 2012.2.3 and earlier, and Grizzly grizzly-2 and earlier allows remote authenticated users to bypass authentication and authorization checks and execute arbitrary code via the /v2.0/tokens endpoint. The vulnerability exists in the authentication module of the Keystone service, which is responsible for validating user credentials and issuing tokens. The issue is caused by a race condition in the token validation process, where an attacker can exploit a timing gap to bypass the security checks. This flaw affects multiple versions of OpenStack, including Essex, Folsom, and Grizzly, and could allow unauthorized access to cloud resources.

Risk And Classification

Primary CVSS: v2.0 5 from nvd@nist.gov

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

Problem Types: CWE-399 | n/a

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
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All

Operating System	Canonical	Ubuntu Linux	12.10	All	All	All
Application	Openstack	Keystone	All	All	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	Na	N/a	affected n/a	Not specified		

References	
Reference	Source
Bug #1098307 "[OSSA 2013-003] unauthenticated POST to /tokens ca..." : Bugs : Keystone	af854a3a-2127-422b-91
[SECURITY] Fedora 18 Update: openstack-keystone-2012.2.3-2.fc18	af854a3a-2127-422b-91
Malformed Request	af854a3a-2127-422b-91
906171 – (CVE-2013-0247) CVE-2013-0247 OpenStack Keystone: denial of service through invalid token requests	af854a3a-2127-422b-91
Red Hat Customer Portal	af854a3a-2127-422b-91
USN-1715-1: OpenStack Keystone vulnerability Ubuntu	af854a3a-2127-422b-91
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.