

IBM X-Force Exchange



OpenStack Keystone tenant security bypass

OpenStack Keystone is a threat intelligence sharing platform that you can use to research security threats, to aggregate intelligence, and to collaborate with peers.

CVE-2012-5571

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keystone-tenant-sec-bypass (80333) reported Nov 27, 2012

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OpenStack Keystone could allow a remote authenticated attacker to bypass security restrictions, caused by EC2-style credentials remaining valid when users are removed from a tenant. An attacker could exploit this vulnerability to perform unauthorized actions.

Consequences:

Bypass Security

Remedy

Upgrade to the latest version of Keystone (2012.2.1 or later), available from the OpenStack Web site. See References.

CVSS 2.0 Base Score

4

Access Vector	Network
Access Complexity	Low
Authentication	Single
Confidentiality Impact	None
Integrity Impact	Partial
Availability Impact	None

CVSS 2.0 Temporal Score

3

Exploitability	Unproven
Remediation Level	Official Fix
Report Confidence	Confirmed

Did you know that we have an X-Force Threat Intelligence API?

X-Force threat intelligence is actionable and is available via our APIs (JSON and STIX), which can be ingested into SIEMs. — Read more at our [API documentation \(https://exchange.xforce.ibmcloud.com/api/doc/#Vulnerabilities_get_vulnerabilities_xfid\)](https://exchange.xforce.ibmcloud.com/api/doc/#Vulnerabilities_get_vulnerabilities_xfid)

```
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```



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IBM Network Protection

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Affected Products

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Affected Products

OpenStack Keystone 2012.1

... or enter as a Guest ()

Dependent Products

None found

References

External link

[Red Hat Bugzilla Bug 880399](https://bugzilla.redhat.com/show_bug.cgi?id=880399)
(https://bugzilla.redhat.com/show_bug.cgi?id=880399)

[OpenStack Web site](http://docs.openstack.org/developer/keystone/)
(http://docs.openstack.org/developer/keystone/)

[SA51423](http://secunia.com/advisories/51423)
(http://secunia.com/advisories/51423)

[CVE-2012-5571](https://www.cve.org/CVERecord?id=CVE-2012-5571)
(https://www.cve.org/CVERecord?id=CVE-2012-5571)

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API (<https://exchange.xforce.ibmcloud.com/api/doc/>)

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