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1. [Ubuntu Security Notices](#)
2. USN-1641-1

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## USN-1641-1: OpenStack Keystone vulnerabilities

Publication date

28 November 2012

Overview

Keystone would allow unintended access to files over the network.

Releases

[12.1012.04](#)

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an authenticated and authorized user using those credentials may still be allowed access beyond the account owner's expectations. ([CVE-2012-5571](#))

It was discovered that Keystone did not properly implement token expiration. A remote attacker could use this to continue to access an account that is disabled or has a changed password. This issue was previously fixed as [CVE-2012-3426](#) but was reintroduced in Ubuntu 12.10. ([CVE-2012-5563](#))

## Update instructions

In general, a standard system update will make all the necessary changes.

[Learn more about how to get the fixes.](#)

The problem can be corrected by updating your system to the following package versions:

Ubuntu Release	Package Version
12.10 quantal	<a href="https://launchpad.net/ubuntu/+source/keystone">python-keystone &lt;https://launchpad.net/ubuntu/+source/keystone&gt;</a> – <a href="https://launchpad.net/ubuntu/+source/keystone/2012.2-0ubuntu1.2">2012.2-0ubuntu1.2</a> <a href="https://launchpad.net/ubuntu/+source/keystone/2012.2-0ubuntu1.2">&lt;https://launchpad.net/ubuntu/+source/keystone/2012.2-0ubuntu1.2&gt;</a>
12.04 precise	<a href="https://launchpad.net/ubuntu/+source/keystone">python-keystone &lt;https://launchpad.net/ubuntu/+source/keystone&gt;</a> – <a href="https://launchpad.net/ubuntu/+source/keystone/2012.1+stable~20120824-a16a0ab9-0ubuntu2.3">2012.1+stable~20120824-a16a0ab9-0ubuntu2.3</a> <a href="https://launchpad.net/ubuntu/+source/keystone/2012.1+stable~20120824-a16a0ab9-0ubuntu2.3">&lt;https://launchpad.net/ubuntu/+source/keystone/2012.1+stable~20120824-a16a0ab9-0ubuntu2.3&gt;</a>

## Reduce your security exposure

Ubuntu Pro provides ten-year security coverage to 25,000+ packages in Main and Universe repositories, and it is free for up to five machines.

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