



Bug 917904 (CVE-2013-1815) - CVE-2013-1815 OpenStack packstack: answerfile creation permissions issue

Keywords: ✕ ▼

Status: CLOSED ERRATA

Alias: CVE-2013-1815

Product: Security Response

Component: vulnerability ☰ +

Version: unspecified

Hardware: All

OS: Linux

Priority: medium

Severity: medium

Target Milestone: ---

Assignee: Red Hat Product Security

QA Contact:

Docs Contact:

URL:

Whiteboard:

Depends On: 🔒 917905

Blocks: 🔒 917906

TreeView+ [depends on](#) / [blocked](#)

Reported: 2013-03-05 05:03 UTC by Kurt Seifried

Modified: 2023-05-12 17:30 UTC [\(History\)](#)

CC List: 10 users [\(show\)](#)

Fixed In Version:

Clone Of:

Environment:

Last Closed: 2013-04-08 17:53:35 UTC

Embargoed:

Attachments	(Terms of Use)

Links

System	ID	Private	Priority	Status	Summary	Last Updated
Red Hat Product Errata	RHSA-2013:0671	0	normal	SHIPPED_LIVE	Moderate: openstack-packstack security and bug fix update	2013-03-21 22:22:21 UTC

~~Kurt Seifried~~ 2013-03-05 05:03:59 UTC

[Description](#)

Derek Higgins (derekh) of Red Hat reports:

packstack creates a answerfile containing configuration details for an openstack deployment. But after a recent comment in https://bugzilla.redhat.com/show_bug.cgi?id=906410 [Open URL] comment 4, I reviewed the code on how it is generated.

The file was being opened, written to and then the mode was being changed to 600:

https://github.com/stackforge/packstack/blob/07a7897038bee143630fd84e95b3a4f5c89a5b47/packstack/installer/run_setup.py

```
def generateAnswerFile(outputFile, overrides={}):
    sep = os.linesep
    fmt = ("%s(comment)s%(separator)s%(conf_name)s=%s"
           "(default_value)s"
           "%(separator)s")
    outputFile = os.path.expanduser(outputFile)
    with open(outputFile, "w") as ans_file:
        ...
        os.chmod(outputFile, 0600)
```

and the answer path is provided by:

```
def _getanswerfilepath():
    path = None
    msg = "Could not find a suitable path on which to create
the answerfile"

    # We'll use the first path with
    # write permissions. Order matters.
    for p in ["/.", "~/", "/tmp"]:
        if os.access(p, os.W_OK):
            path = os.path.abspath(
```

The current directory "/" may be accessible to an attacker, and "/tmp" is definitely accessible to attackers. The file permissions should also be set securely prior to placing the information in it.

Derek Higgins 2013-03-05 09:24:54 UTC

[Comment 2](#)

Fix merged upstream
<https://review.openstack.org/#/c/22986/>

Murray McAllister 2013-03-19 04:50:43 UTC

[Comment 3](#)

Acknowledgements:

This issue was discovered by Derek Higgins of the Red Hat

OpenStack team.

errata-xmlrpc 2013-03-21 18:24:25 UTC

[Comment 4](#)

This issue has been addressed in following products:

OpenStack Folsom for RHEL 6

Via RHSA-2013:0671 <https://rhn.redhat.com/errata/RHSA-2013-0671.html>

Note

You need to [log in](#) before you can comment on or make changes to this bug.

