

## Rudder - Bug #7021

### When SELinux is enabled, the ncf-api-venv home is owned by root

2015-07-21 16:41 - Alexis MOUSSET

<b>Status:</b>	Released	
<b>Priority:</b>	N/A	
<b>Assignee:</b>	Matthieu CERDA	
<b>Category:</b>	System integration	
<b>Target version:</b>	3.1.1	
<b>Pull Request:</b>	<a href="https://github.com/Normation/rudder-packages/pull/725">https://github.com/Normation/rudder-packages/pull/725</a>	<b>Effort required:</b>
<b>Severity:</b>		<b>Priority:</b>
<b>User visibility:</b>		
<b>Description</b>		
<pre>type=AVC msg=audit(1437489622.784:688): avc: denied { setattr } for pid=4835 comm="useradd" name="ncf-api-venv" dev="dm-1" ino=135910344 scontext=unconfined_u:system_r:useradd_t:s0-s0:c0.c1023 tcontext=system_u:object_r:var_lib_t:s0 tclass=dir type=SYSCALL msg=audit(1437489622.784:688): arch=c000003e syscall=92 success=no exit=-13 a0=7fff598f08e6 a1=3e5 a2=3e4 a3=6165726373662f72 items=0 ppid=4833 pid=4835 auid=1000 uid=0 gid=0 euid=0 suid=0 fsuid=0 egid=0 sgid=0 fsgid=0 tty=pts0 ses=5 comm="useradd" exe="/usr/sbin/useradd" subj=unconfined_u:system_r:useradd_t:s0-s0:c0.c1023 key=(null) type=AVC msg=audit(1437489622.784:689): avc: denied { setattr } for pid=4835 comm="useradd" name="ncf-api-venv" dev="dm-1" ino=135910344 scontext=unconfined_u:system_r:useradd_t:s0-s0:c0.c1023 tcontext=system_u:object_r:var_lib_t:s0 tclass=dir type=SYSCALL msg=audit(1437489622.784:689): arch=c000003e syscall=90 success=no exit=-13 a0=7fff598f08e6 a1=1c0 a2=0 a3=3f items=0 ppid=4833 pid=4835 auid=1000 uid=0 gid=0 euid=0 suid=0 fsuid=0 egid=0 sgid=0 fsgid=0 tty=pts0 ses=5 comm="useradd" exe="/usr/sbin/useradd" subj=unconfined_u:system_r:useradd_t:s0-s0:c0.c1023 key=(null) type=ADD_USER msg=audit(1437489622.784:690): pid=4835 uid=0 auid=1000 ses=5 subj=unconfined_u:system_r:useradd_t:s0-s0:c0.c1023 msg='op=adding home directory id=997 exe="/usr/sbin/useradd" hostname=? addr=? terminal=? res=success' type=AVC msg=audit(1437489622.784:691): avc: denied { create } for pid=4835 comm="useradd" name=".bash_logout" scontext=unconfined_u:system_r:useradd_t:s0-s0:c0.c1023 tcontext=system_u:object_r:var_lib_t:s0 tclass=file type=SYSCALL msg=audit(1437489622.784:691): arch=c000003e syscall=2 success=no exit=-13 a0=7fa36fb9c90 a1=241 a2=1a4 a3=6165726373662f72 items=0 ppid=4833 pid=4835 auid=1000 uid=0 gid=0 euid=0 suid=0 fsuid=0 egid=0 sgid=0 fsgid=0 tty=pts0 ses=5 comm="useradd" exe="/usr/sbin/useradd" subj=unconfined_u:system_r:useradd_t:s0-s0:c0.c1023 key=(null)</pre>		
<b>Related issues:</b>		
Related to Rudder - Bug #7019: Could not upload inventory when SELinux is ena...	Released	2015-07-30

#### Associated revisions

##### Revision 5d63f900 - 2015-07-30 14:56 - Alexis MOUSSET

Fixes #7021: When SELinux is enabled, the ncf-api-venv home is owned by root

##### Revision 619d7aa1 - 2015-07-30 18:36 - Matthieu CERDA

Merge pull request #725 from amousset/bug\_7021/when\_selinux\_is\_enabled\_the\_ncf\_api\_venv\_home\_is\_owned\_by\_root

Fixes #7021: When SELinux is enabled, the ncf-api-venv home is owned ...

#### History

##### #1 - 2015-07-21 16:44 - Alexis MOUSSET

```
# ls -ahl /var/lib/ncf-api-venv/
total 4.0K
d----- . 2 root root 6 Jul 21 14:40 .
drwxr-xr-x. 29 root root 4.0K Jul 21 14:40 ..
```

When SELinux is disabled:

```
# ls -ahl /var/lib/ncf-api-venv/
total 20K
drwx-----. 2 ncf-api-venv ncf-api-venv 72 Jul 21 14:36 .
drwxr-xr-x. 29 root root 4.0K Jul 21 14:36 ..
-rw-r--r--. 1 ncf-api-venv ncf-api-venv 18 Jun 10 2014 .bash_logout
-rw-r--r--. 1 ncf-api-venv ncf-api-venv 193 Jun 10 2014 .bash_profile
-rw-r--r--. 1 ncf-api-venv ncf-api-venv 231 Jun 10 2014 .bashrc
-rw-r--r--. 1 ncf-api-venv ncf-api-venv 658 Mar 26 13:18 .zshrc
```

## #2 - 2015-07-22 17:44 - Alexis MOUSSET

- Related to Bug #7019: Could not upload inventory when SELinux is enabled added

## #3 - 2015-07-27 12:15 - Alexis MOUSSET

audit2allow gives:

```
module rudder-ncf 1.0;
```

```
require {
    type useradd_t;
    type var_lib_t;
    class dir setattr;
}
```

```
#===== useradd_t =====
allow useradd_t var_lib_t:dir setattr;
```

which allows useradd to change file attributes in /var/lib.

## #4 - 2015-07-30 11:10 - Alexis MOUSSET

- Status changed from New to In progress

- Assignee set to Alexis MOUSSET

## #5 - 2015-07-30 18:11 - Alexis MOUSSET

- Status changed from In progress to Pending technical review

- Assignee changed from Alexis MOUSSET to Benoît PECCATTE

- Pull Request set to <https://github.com/Normation/rudder-packages/pull/725>

## #6 - 2015-07-30 18:13 - Alexis MOUSSET

- Assignee changed from Benoît PECCATTE to Matthieu CERDA

PR: <https://github.com/Normation/rudder-packages/pull/725>

## #7 - 2015-08-12 12:59 - Vincent MEMBRÉ

- Status changed from Pending technical review to Pending release

## #8 - 2015-08-12 15:33 - Alexis MOUSSET

- % Done changed from 0 to 100

Applied in changeset [rudder-packages|5d63f900b4a56ac4c608888026771864781666c6](https://github.com/Normation/rudder-packages/commit/5d63f900b4a56ac4c608888026771864781666c6).

## #9 - 2015-08-12 15:33 - Matthieu CERDA

Applied in changeset [rudder-packages|619d7aa165e169abff37293b46db0bdcea32e1ed](https://github.com/Normation/rudder-packages/commit/619d7aa165e169abff37293b46db0bdcea32e1ed).

## #10 - 2015-08-19 18:31 - François ARMAND

- Status changed from Pending release to Released

This bug has been fixed in Rudder 3.1.1 which was released today.

- Announcement [3.1](#)
- Changelog [3.1](#)
- Download information: <https://www.rudder-project.org/site/get-rudder/downloads/>