

SELinux - Bug #5808

**AVC denied { read } for comm="ruby" name="migrate" dev=dm-0
scontext=unconfined_u:system_r:passenger_t:s0 tcontext=system_u:object_r:foreman_lib_t:s0
tclass=lnk_file**

05/20/2014 08:29 AM - Jan Pazdziora

Status: Closed	
Priority: Normal	
Assignee: Lukas Zapletal	
Category: Packaging	
Target version: 1.5.1	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link: 1107684	Red Hat JIRA:
Pull request:	
Description	
With fresh install of Foreman develop on RHEL 6.5 using https://github.com/sstephenson/bats.git https://github.com/theforeman/foreman-bats.git https://raw.githubusercontent.com/theforeman/foreman-bats/master/bootstrap.sh I then see AVC denial type=SYSCALL msg=audit(1400573528.296:205): arch=c000003e syscall=2 success=yes exit=8 a0=8a351a0 a1=90800 a2=8a35100 a3=2 items=0 ppid=32008 pid=32011 auid=4294967295 uid=497 gid=497 euid=497 suid=497 fsuid=497 egid=497 sgid=497 fsgid=497 tty=(none) ses=4294967295 comm="ruby" exe="/opt/rh/ruby193/root/usr/bin/ruby" subj=unconfined_u:system_r:passenger_t:s0 key=(null) type=AVC msg=audit(1400573528.296:205): avc: denied { read } for pid=32011 comm="ruby" name="migrate" dev=dm-0 ino=661342 scontext=unconfined_u:system_r:passenger_t:s0 tcontext=system_u:object_r:foreman_lib_t:s0 tclass=lnk_file after restart of Apache.	

Associated revisions

Revision fcc3110b - 05/30/2014 09:37 AM - Lukas Zapletal

Fixes #5808 - Allowed rails to read symlinks

History

#1 - 05/20/2014 08:33 AM - Dominic Cleal

- Project changed from Foreman to SELinux

#2 - 05/26/2014 09:34 AM - Lukas Zapletal

- Category set to Packaging

- Status changed from New to Ready For Testing

- Assignee set to Lukas Zapletal

- Target version set to 1.8.2

Rails reads all files in scripts/ subdirectory and since migrate is symlink and symlinks were not allowed by our rules, this fails.

I am changing to more opened admin_pattern which is safe in this context:

```
define(`admin_pattern',`  
    manage_dirs_pattern($1,$2,$2)  
    manage_files_pattern($1,$2,$2)
```

```
manage_lnk_files_pattern($1,$2,$2)
manage_fifo_files_pattern($1,$2,$2)
manage_sock_files_pattern($1,$2,$2)
```

```
relabel_dirs_pattern($1,$2,$2)
relabel_files_pattern($1,$2,$2)
relabel_lnk_files_pattern($1,$2,$2)
relabel_fifo_files_pattern($1,$2,$2)
relabel_sock_files_pattern($1,$2,$2)
```

```
' )
```

<https://github.com/theforeman/foreman-selinux/pull/18>

#3 - 05/28/2014 10:07 AM - Dominic Cleal

- *translation missing: en.field_release set to 16*

#4 - 05/30/2014 10:47 AM - Anonymous

- *Status changed from Ready For Testing to Closed*

- *% Done changed from 0 to 100*

Applied in changeset [fcc3110b4a1d7eb70f17cd6d61bcbc329c0ebb70](https://github.com/theforeman/foreman-selinux/pull/18).

#5 - 06/10/2014 12:47 PM - Bryan Kearney

- *Bugzilla link set to https://bugzilla.redhat.com/show_bug.cgi?id=1107684*