

## SELinux - Bug #17093

### Passenger not transitioning to passenger\_t with upstream packages

10/25/2016 09:18 AM - Thomas Büter

<b>Status:</b>	Rejected	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	General Foreman	
<b>Target version:</b>		
<b>Difficulty:</b>	medium	<b>Fixed in Releases:</b>
<b>Triaged:</b>	No	<b>Found in Releases:</b> 1.12.2
<b>Bugzilla link:</b>		<b>Red Hat JIRA:</b>
<b>Pull request:</b>		

#### Description

After installing theforeman and foreman-selinux, using foreman-selinux-relabel and foreman-selinux-enable, foreman crashes upon accessing the interface. When looking at the logs, errors like these will pop up:

```
Message from application: Permission denied @ rb_sysopen - /usr/share/foreman/tmp/cache/websockets_ssl_key20161024-6460-1hg9wr (Errno::EACCES)
```

This indicates that the correct selinux permissions haven't been granted to the tmp directory for the httpd-context, despite using the tools provided. I also tried a complete relabel with  
\$> touch /.autorelabel;reboot  
but without any success.

I modified the policy and will be adding a PR soon, because it seems to be working.

#### History

##### #1 - 10/25/2016 09:22 AM - Dominic Cleal

- Project changed from Foreman to SELinux
- Category changed from 56 to General Foreman
- Status changed from New to Need more information

This indicates that the correct selinux permissions haven't been granted to the tmp directory for the httpd-context

The application should be running in the passenger\_t context, not httpd\_t. This indicates something in the Passenger configuration isn't right, and it's not transitioning to the right process context.

A full ls -laZ of all \*passenger\* packages may help, as would the exact Passenger package list (and OS). Please also include logs of AVCs when filing bugs against the SELinux policy.

##### #2 - 10/25/2016 11:06 AM - Thomas Büter

- File foreman\_audit.log added

##### #3 - 10/25/2016 11:13 AM - Thomas Büter

Operating system:  
Red Hat Enterprise Linux - 7.2 (Maipo)

Passenger installed packages:

mod_passenger.x86_64	5.0.30-8.el7	@passenger
passenger.x86_64	5.0.30-8.el7	@passenger
passenger-devel.x86_64	5.0.30-8.el7	@passenger

Where would I find the passenger-packages though? I'm not super familiar with it, to be honest. I know where the gem is located, but I'm unsure what you mean with passenger packages.

**#4 - 10/26/2016 03:09 AM - Dominic Cleal**

- Subject changed from *Foreman Interface crashing with selinux enabled to Passenger not transitioning to passenger\_t with upstream packages*
- Status changed from *Need more information to New*

mod\_passenger.x86\_64 5.0.30-8.el7 @passenger

These packages haven't been tested with Foreman, it's likely they're missing some labelling to correctly transition from httpd\_t into passenger\_t. The only ones we've tested with are EPEL7 and our own packages. I'd suggest downgrading to those if you can. I'll leave the ticket open to add support for those.

**#5 - 10/26/2016 09:18 AM - Thomas Büter**

I can confirm that downgrading to the packages from epel to 4.0.53-4.el7 worked. Thanks for your help!

**#6 - 11/08/2016 05:23 AM - Lukas Zapletal**

- Status changed from *New to Resolved*

Thanks for info.

**#7 - 11/08/2016 05:32 AM - Dominic Cleal**

- Status changed from *Resolved to New*

It's worth leaving this open to fix support for these packages, the issue in the title is still valid.

**#8 - 05/27/2020 08:36 AM - Lukas Zapletal**

- Status changed from *New to Rejected*

I am doing a cleanup of old SELinux bug reports. We are removing puppetmaster policy based on passenger\_t, most of these bugs were related to that.

**Files**

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foreman_audit.log	33 KB	10/25/2016	Thomas Büter
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