

SELinux - Bug #13041

selinux context on /var/run/rubygem-passenger/passenger.*generation-0/request issue after log rotation.

01/07/2016 07:37 AM - Nicolas Di Gregorio

Status:	Closed	
Priority:	Normal	
Assignee:	Lukas Zapletal	
Category:	General Foreman	
Target version:	1.10.2	
Difficulty:		Fixed in Releases:
Triaged:		Found in Releases:
Bugzilla link:		Red Hat JIRA:
Pull request:	https://github.com/theforeman/foreman-selinux/pull/55	

Description

Hi All,

After upgrading a working well foreman 1.6 to 1.10 on a selinux enabled Red Hat 6.5 I encountered the following issue: at end of log rotation, httpd is reload and the socket `/var/run/rubygem-passenger/passenger.xxxxx/generation-0/request` is renewed and get the wrong selinux context "var_run_t" instead of "passenger_var_run_t".

This can be spotted in the httpd error_log by the following message:

```
[ 2016-01-04 02:21:52.8778 42240/7fcf5067c7e0 apache2/Hooks.cpp:772 ]: Unexpected error in mod_passenger: Cannot connect to Unix socket '/var/run/rubygem-passenger/passenger.1.0.43973/generation-0/request': Permission denied (errno=13)
Backtrace:
  in 'Passenger::FileDescriptor Hooks::connectToHelperAgent()' (Hooks.cpp:248)
  in 'int Hooks::handleRequest(request_rec*)' (Hooks.cpp:532)
```

After adding a context rules, the issue is solved.

```
[root@xxxx ~]# semanage fcontext -a -t passenger_var_run_t "/var/run/rubygem-passenger(.*)?"
[root@xxxx ~]# restorecon -Rv /var/run/
restorecon reset /var/run/rubygem-passenger context system_u:object_r:var_run_t:s0->system_u:object_r:passenger_var_run_t:s0
restorecon reset /var/run/rubygem-passenger/passenger.1.0.5878 context system_u:object_r:var_run_t:s0->system_u:object_r:passenger_var_run_t:s0
restorecon reset /var/run/rubygem-passenger/passenger.1.0.5878/generation-0 context system_u:object_r:var_run_t:s0->system_u:object_r:passenger_var_run_t:s0
restorecon reset /var/run/rubygem-passenger/passenger.1.0.5878/generation-0/logging_admin context system_u:object_r:var_run_t:s0->system_u:object_r:passenger_var_run_t:s0
restorecon reset /var/run/rubygem-passenger/passenger.1.0.5878/generation-0/admin-manipulation-password.txt context system_u:object_r:var_run_t:s0->system_u:object_r:passenger_var_run_t:s0
restorecon reset /var/run/rubygem-passenger/passenger.1.0.5878/generation-0/structure_version.txt context system_u:object_r:var_run_t:s0->system_u:object_r:passenger_var_run_t:s0
restorecon reset /var/run/rubygem-passenger/passenger.1.0.5878/generation-0/helper_admin context system_u:object_r:var_run_t:s0->system_u:object_r:passenger_var_run_t:s0
restorecon reset /var/run/rubygem-passenger/passenger.1.0.5878/generation-0/request context system_u:object_r:var_run_t:s0->system_u:object_r:passenger_var_run_t:s0
restorecon reset /var/run/rubygem-passenger/passenger.1.0.5878/generation-0/buffered_uploads context system_u:object_r:var_run_t:s0->system_u:object_r:passenger_var_run_t:s0
restorecon reset /var/run/rubygem-passenger/passenger.1.0.5878/generation-0/passenger-status-password.txt context system_u:object_r:var_run_t:s0->system_u:object_r:passenger_var_run_t:s0
restorecon reset /var/run/rubygem-passenger/passenger.1.0.5878/generation-0/web_server.txt context system_u:object_r:var_run_t:s0->system_u:object_r:passenger_var_run_t:s0
restorecon reset /var/run/rubygem-passenger/passenger.1.0.5878/generation-0/spawn-server context system_u:object_r:var_run_t:s0->system_u:object_r:passenger_var_run_t:s0
```

```
restorecon reset /var/run/rubygem-passenger/passenger.1.0.5878/generation-0/logging context system_u:object_r:var_run_t:s0->system_u:object_r:passenger_var_run_t:s0
restorecon reset /var/run/rubygem-passenger/passenger.1.0.5878/generation-0/config_files.txt context system_u:object_r:var_run_t:s0->system_u:object_r:passenger_var_run_t:s0
restorecon reset /var/run/rubygem-passenger/passenger.1.0.5878/generation-0/backends context system_u:object_r:var_run_t:s0->system_u:object_r:passenger_var_run_t:s0
restorecon reset /var/run/rubygem-passenger/passenger.1.0.5878/generation-0/backends/ruby.9YVZAep5G3Z0I83Hi68LGGcqi context system_u:object_r:var_run_t:s0->system_u:object_r:passenger_var_run_t:s0
```

Related issues:

Related to Packaging - Bug #8392: passenger-status broken on EL7

Closed

11/13/2014

Associated revisions

Revision 86fa6e79 - 02/08/2016 04:01 AM - Lukas Zapletal

Fixes #13041 - passenger var context fix

History

#1 - 01/07/2016 07:41 AM - Dominic Cleal

- Related to Bug #8392: passenger-status broken on EL7 added

#2 - 01/11/2016 03:30 AM - The Foreman Bot

- Status changed from New to Ready For Testing

- Assignee set to Lukas Zapletal

- Pull request <https://github.com/theforeman/foreman-selinux/pull/55> added

#3 - 02/08/2016 04:01 AM - Dominic Cleal

- Category set to General Foreman

- translation missing: en.field_release set to 123

#4 - 02/08/2016 05:01 AM - Anonymous

- Status changed from Ready For Testing to Closed

- % Done changed from 0 to 100

Applied in changeset [86fa6e79ef80b9dc1fbbbc9d1e86aa2646c3bcd](#).