

SELinux - Bug #17711

Passenger can't connect to puppet port

12/16/2016 10:42 AM - Jason Nance

Status: Duplicate	
Priority: Normal	
Assignee:	
Category:	
Target version:	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases: 1.13.2
Bugzilla link:	Red Hat JIRA:
Pull request:	

Description

When starting TFM the following error is seen in `/var/log/httpd/error_log`:

```
App 12275 stdout:
/usr/share/passenger/helper-scripts/prespawn:111:in `initialize': Permission denied - connect(2) (
Errno::EACCES)
  from /usr/share/passenger/helper-scripts/prespawn:111:in `new'
  from /usr/share/passenger/helper-scripts/prespawn:111:in `connect'
  from /usr/share/passenger/helper-scripts/prespawn:120:in `connect'
  from /usr/share/passenger/helper-scripts/prespawn:87:in `socket'
  from /usr/share/passenger/helper-scripts/prespawn:91:in `head_request'
  from /usr/share/passenger/helper-scripts/prespawn:153:in `'
```

The following AVC is also printed in `/var/log/audit/audit.log`:

```
type=AVC msg=audit(1481902174.381:984): avc: denied { name_connect } for pid=12281 comm="ruby"
dest=8140 scontext=system_u:system_r:passenger_t:s0 tcontext=system_u:object_r:puppet_port_t:s0 tc
lass=tcp_socket
```

This is on EL 7.3 with the following packages:

```
candlepin-selinux-0.9.54.6-1.el7.noarch
foreman-selinux-1.13.2-1.el7.noarch
katello.ipa.centric.lab-puppet-client-1.0-1.noarch
katello-selinux-3.0.1-1.el7.noarch
libselinux-2.5-6.el7.x86_64
libselinux-python-2.5-6.el7.x86_64
libselinux-ruby-2.5-6.el7.x86_64
libselinux-utils-2.5-6.el7.x86_64
mod_passenger-4.0.53-4.el7.x86_64
passenger-4.0.53-4.el7.x86_64
pulp-puppet-plugins-2.9.3-1.el7.noarch
pulp-puppet-tools-2.9.3-1.el7.noarch
pulp-selinux-2.9.3-1.el7.noarch
puppet-3.8.7-1.el7.noarch
puppetlabs-release-22.0-2.noarch
puppet-server-3.8.7-1.el7.noarch
python-pulp-puppet-common-2.9.3-1.el7.noarch
selinux-policy-3.13.1-102.el7_3.7.noarch
selinux-policy-targeted-3.13.1-102.el7_3.7.noarch
tfm-rubygem-passenger-4.0.18-9.11.el7.x86_64
tfm-rubygem-passenger-native-4.0.18-9.11.el7.x86_64
tfm-rubygem-passenger-native-libs-4.0.18-9.11.el7.x86_64
```

Setting `'passenger_can_connect_all'` on makes this go away as a broad workaround.

Related issues:

History

#1 - 12/19/2016 03:23 AM - Dominic Cleal

- *Is duplicate of Bug #16513: Foreman app is denied connecting to Puppet Master added*

#2 - 12/19/2016 03:24 AM - Dominic Cleal

- *Status changed from New to Duplicate*

Thanks for the report, this is being tracked under [#16513](#).