

Pulp - Issue #9274

Pulp reports that python cannot access unix_dgram_socket when installing from pip

08/23/2021 04:41 PM - mdepaulo@redhat.com

Status:	NEW	Start date:	
Priority:	Normal	Due date:	
Assignee:	mdepaulo@redhat.com	Estimated time:	0:00 hour
Category:	Installer - Moved to GitHub issues	Groomed:	No
Sprint/Milestone:		Sprint Candidate:	No
Severity:	2. Medium	Tags:	SELinux
Version:		Sprint:	
Platform Release:		Quarter:	
OS:			
Triaged:	Yes		
Description			
On CentOS 7, we have errors like the following:			
<pre>Aug 23 14:24:42 centos7 setroubleshoot: SELinux is preventing /opt/rh/rh-python38/root/usr/bin/python3.8 from connect access on the unix_dgram_socket labeled pulpcore_server_t. For complete SELinux messages run: sealert -l b988b539-f587-486d-85f6-68f9de3a3cbc Aug 23 14:24:42 centos7 python: SELinux is preventing /opt/rh/rh-python38/root/usr/bin/python3.8 from connect access on the unix_dgram_socket labeled pulpcore_server_t.#012#012***** Plugin catchall (100. confidence) suggests *****#012#012If you believe that python3.8 should be allowed connect access on unix_dgram_socket labeled pulpcore_server_t by default.#012Then you should report this as a bug.#012You can generate a local policy module to allow this access.#012Do#012allow this access for now by executing:#012# ausearch -c 'gunicorn' --raw audit2allow -M my-gunicorn#012# semodule -i my-gunicorn.pp#012</pre>			
The installer calls:			
<pre>/sbin/fixfiles restore /usr/local/lib/pulp</pre>			
But both that command and:			
<pre>/sbin/fixfiles restore /usr/local/lib/pulp/bin/gunicorn</pre>			
Incorrectly set the context . The context is instead set to:			
<pre>unconfined_u:object_r:pulpcore_server_exec_t:s0</pre>			
However, the command:			
<pre>restorecon -F /usr/local/lib/pulp/bin/gunicorn</pre>			
correctly sets it to:			
<pre>system_u:object_r:pulpcore_server_exec_t:s0</pre>			
Which makes the error go away.			
Related issues:			
Related to Pulp - Issue #9272: pulpcore-selinux needs SELinux changes for sys...		CLOSED - CURRENTRELEASE	

History

#1 - 08/23/2021 04:41 PM - mdepaulo@redhat.com

- Related to Issue #9272: pulpcore-selinux needs SELinux changes for systemd Type=notify added

#2 - 08/26/2021 05:46 PM - mdepaulo@redhat.com

- Tags SELinux added

#3 - 09/29/2021 03:29 PM - mdepaulo@redhat.com

- Triaged changed from No to Yes