

Pulp - Issue #508

Pulp selinux unnecessarily specifies semanage port statements

02/28/2015 11:17 PM - bmbouter

Status:	CLOSED - CURRENTRELEASE	Start date:	
Priority:	Normal	Due date:	
Assignee:	bmbouter	Estimated time:	0:00 hour
Category:			
Sprint/Milestone:			
Severity:	1. Low	Groomed:	No
Version:	Master	Sprint Candidate:	No
Platform Release:	2.6.0	Tags:	Pulp 2
OS:		Sprint:	
Triaged:	Yes	Quarter:	

Description

The largest part of a pulp installation time is the installation of the pulp-selinux package. Of that package, each call to semanage adds significant time. These can be batched into one transaction which should allow all the calls to occur in constant time. Not all calls can be part of the same transaction, but these [0] area a good candidate for consolidation.

[0]: <https://github.com/pulp/pulp/blob/228acff740c32acc6f9b0d9bfb722e162bd638aa/server/selinux/server/enable.sh#L30>

+ This bug was cloned from [Bugzilla Bug #1136919](#) +

History

#1 - 02/28/2015 11:17 PM - bmbouter

There are three areas where SELinux install/uninstall takes a long time. This BZ only tracks one of those defects.

- The amqp_port_t port checking and asserting [0]. This bug resolves this one.
- The installation of two SELinux modules instead of one takes twice as long [1]. This should be resolved by [2] BZ 1148998.
- The constant re-running of file system labeling with each pulp release. This will be resolved with [3].

[0]: <https://github.com/pulp/pulp/blob/553edf38c1e1cd5a3e99bfdcae810c3e9ef39137/server/selinux/server/enable.sh#L37>

[1]: <https://github.com/pulp/pulp/blob/553edf38c1e1cd5a3e99bfdcae810c3e9ef39137/server/selinux/server/enable.sh#L18>

[2]: https://bugzilla.redhat.com/show_bug.cgi?id=1148998

[3]: https://bugzilla.redhat.com/show_bug.cgi?id=1145720

+ This comment was cloned from [Bugzilla #1136919 comment 1](#) +

#2 - 02/28/2015 11:17 PM - bmbouter

PR available here: <https://github.com/pulp/pulp/pull/1247>

Lots of details about why the statements being removed are safe in the PR.

+ This comment was cloned from [Bugzilla #1136919 comment 2](#) +

#3 - 02/28/2015 11:17 PM - bmbouter

Merged to 2.5-dev -> master

+ This comment was cloned from [Bugzilla #1136919 comment 3](#) +

#4 - 02/28/2015 11:17 PM - cduryee

fixed in pulp 2.6.0-0.2.beta

+ This comment was cloned from [Bugzilla #1136919 comment 4](#) +

#5 - 02/28/2015 11:17 PM - pthomas@redhat.com

verified

pulp-selinux installs does not take too long anymore. Tested the install on el6 & el7

+ This comment was cloned from [Bugzilla #1136919 comment 5](#) +

#6 - 03/20/2015 08:13 PM - bmbouter

- Severity changed from Low to 1. Low

#7 - 04/03/2015 08:12 PM - bmbouter

- Subject changed from *Pulp selinux installation takes too long unnecessarily* to *Pulp selinux unnecessarily specifies semanage port statements*

#8 - 04/23/2015 06:25 PM - rbarlow

- Status changed from 6 to CLOSED - CURRENTRELEASE

#10 - 04/15/2019 11:10 PM - bmbouter

- Tags Pulp 2 added