**Appion - Bug #901**

**Appion CentOS installer should work with SELinux enabled (and should not just disable it)**

10/01/2010 09:25 PM - Neil Voss

<table>
<thead>
<tr>
<th>Status:</th>
<th>Won't Fix or Won't Do</th>
<th>Start date:</th>
<th>10/01/2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Low</td>
<td>Due date:</td>
<td></td>
</tr>
<tr>
<td>Assignee:</td>
<td></td>
<td>% Done:</td>
<td>0%</td>
</tr>
<tr>
<td>Category:</td>
<td>Installation</td>
<td>Estimated time:</td>
<td>0.00 hour</td>
</tr>
<tr>
<td>Target version:</td>
<td>Appion/Leginon Future Version</td>
<td>Spent time:</td>
<td>0.00 hour</td>
</tr>
<tr>
<td>Affected Version:</td>
<td>Appion/Leginon 2.2.0</td>
<td>Workaround:</td>
<td>disable SELinux</td>
</tr>
</tbody>
</table>

**Show in known bugs:** No

**Description**

I (Neil) plan to use SELinux on my servers, so I will fix the bug. SELinux is pretty cool, the only thing I don't like about it is that it reminds me of windoze.

Typical problems with SELinux is unblessed files, e.g., libraries need to be blessed as libraries:

```bash
chcon -t lib_t lib.so
```

and html/php files need to be blessed as web files

```bash
chcon -t httpd_sys_content_t *.html
```

To see the existing context of a file type:

```bash
ls -Z
```

Related issues:

- Related to Appion - Feature #597: Provide an Appion auto-installer for CentOS
  - Closed
  - 05/28/2010
  - 08/31/2010

**Associated revisions**

**Revision 46a5b6f0 - 12/01/2010 01:28 PM - Eric Hou**

blessed lib.so library and blessed we files. refs #901

**Revision 5085f303 - 12/01/2010 03:02 PM - Eric Hou**

removed the chcon command. requested by Amber refs #901

**Revision 21bac3ba - 12/01/2010 07:44 PM - Eric Hou**

add disabled SELinux and clean some of the code. refs #901

**History**

- **#1 - 11/10/2010 02:17 PM - Eric Hou**
  - Status changed from Assigned to Closed

  This is done.

  Eric

- **#2 - 11/11/2010 06:47 AM - Amber Herold**

  Eric, I think someone should test this before closing it out.

03/16/2020 1/3
#3 - 11/11/2010 06:47 AM - Amber Herold
- Status changed from Closed to In Test
- Assignee changed from Neil Voss to Amber Herold

#4 - 11/11/2010 06:49 AM - Amber Herold
Also, what is the revision number?

#5 - 11/30/2010 08:13 PM - Amber Herold
- Assignee changed from Amber Herold to Eric Hou

Eric, did you add code to allow the installer to work with SELinux enabled?

#6 - 12/01/2010 10:29 AM - Eric Hou
add chcon command to the installation script.

#7 - 12/01/2010 10:30 AM - Eric Hou
- Assignee changed from Eric Hou to Amber Herold

#8 - 12/01/2010 12:03 PM - Eric Hou
Just removed the chcon command.

#9 - 12/01/2010 12:03 PM - Eric Hou
- Status changed from In Test to Closed

#10 - 12/01/2010 12:22 PM - Amber Herold
- Status changed from Closed to New

I'm going to keep this open so that we remember to add this feature in the future.

#11 - 12/01/2010 04:45 PM - Eric Hou
- Assignee changed from Amber Herold to Eric Hou

#12 - 12/01/2010 04:45 PM - Eric Hou
- Status changed from New to Assigned

#13 - 12/01/2010 04:47 PM - Eric Hou
- Status changed from Assigned to In Code Review
- Assignee changed from Eric Hou to Amber Herold

I think I fixed the disable SELinux problem. I tested it on the testing notebook computer with SELinux : Enable and the installation script run finished without any problem. But need to test it more detail.

Thanks.
Eric

#14 - 12/01/2010 06:24 PM - Neil Voss
- Subject changed from Appion CentOS installer requires SELinux to be disabled to Appion CentOS installer should work with SELinux enabled
- Status changed from In Code Review to Assigned
- Assignee changed from Amber Herold to Neil Voss
- Priority changed from Normal to Low
- Affected Version changed from Appion/Leginon 2.1.0 to Pre-2.0

Sorry to confuse. The spirit of this bug was to not properly disable SELinux during installation, but rather keep SELinux enabled and just install all the software properly so it work with SELinux enabled. Because I like SELinux and want to keep it enabled on my systems.

I clarified the title and assigned to myself.
#15 - 12/01/2010 06:26 PM - Neil Voss
- Subject changed from Appion CentOS installer should work with SELinux enabled to Appion CentOS installer should work with SELinux enabled (and should not just disable it)

#16 - 07/16/2014 03:41 PM - Neil Voss
- Status changed from Assigned to Won't Fix or Won't Do
- Assignee deleted (Neil Voss)
- Affected Version changed from Pre-2.0 to Appion/Leginon 2.2.0