

Pulp - Issue #6970

https://github.com/pulp/pulp_installer does not run on CentOS 8

06/15/2020 01:20 PM - zeitsofa

Status:	CLOSED - WORKSFORME	Start date:	06/15/2020
Priority:	Normal	Due date:	
Assignee:		Estimated time:	0:00 hour
Category:	Installer	Groomed:	No
Sprint/Milestone:		Sprint Candidate:	No
Severity:	2. Medium	Tags:	
Version:	Master	Sprint:	
Platform Release:		Quarter:	
OS:			
Triaged:	No		

Description

Hello guys,

today i want to try you code from https://github.com/pulp/pulp_installer. Cloning the code was done and a playbook was created to install pulp, too.

If i want to run the playbook it stops with an error in section "Run pip-compile to check pulpcore/plugin compatibility" as you can see in the following output.

There are also some more [WARNINGS], they're not interrupt the playbook, but it maybe helpful to fix this, too.

```
$ ansible-playbook -i inventories/inventory_intern playbooks/main.yml [DEPRECATION WARNING]: The use of 'static' has been deprecated. Use 'import_tasks' for static inclusion, or 'include_tasks' for dynamic inclusion. This feature will be removed in version 2.12. Deprecation warnings can be disabled by setting deprecation_warnings=False in ansible.cfg.
```

PLAY [all]

```
*****  
*****
```

TASK [Gathering Facts]

```
*****  
***** ok: [pulp.fancyhost.anon]
```

TASK [pulp : Fail when pulp_secret_key is not set]

```
*****  
***** ok: [pulp.fancyhost.anon] => { "changed": false, "msg": "All assertions passed" }
```

TASK [pulp : debug]

```
*****  
***** skipping: [pulp.fancyhost.anon]
```

TASK [pulp : debug]

```
*****  
***** skipping: [pulp.fancyhost.anon]
```

TASK [pulp : debug]

```
*****  
***** skipping: [pulp.fancyhost.anon]
```

TASK [pulp : Load OS specific variables]

```
*****  
***** ok: [pulp.fancyhost.anon]
```

TASK [pulp : Is this a supported version of CentOS]

```
*****
```

```
***** skipping: [pulp.fancyhost.anon]

TASK [pulp : Enumerate default system PATH]
*****
***** ok: [pulp.fancyhost.anon]

TASK [pulp : set the default system PATH as a fact]
*****
***** ok: [pulp.fancyhost.anon]

TASK [pulp : Install EPEL Release]
*****
***** changed: [pulp.fancyhost.anon] => (item=epel-release) skipping: [pulp.fancyhost.anon] => (item=
https://dl.fedoraproject.org/pub/epel/epel-release-latest-8.noarch.rpm)

TASK [pulp : Find and enable the first found name of the RHEL7 Optional repo]
***** skipping:
[pulp.fancyhost.anon] => (item=rhui-rhel-7-server-rhui-optional-rpms) skipping: [pulp.fancyhost.anon] =>
(item=rhel-7-server-rhui-optional-rpms) skipping: [pulp.fancyhost.anon] => (item=rhel-7-server-optional-rpms) skipping:
[pulp.fancyhost.anon] => (item=rhel-7-workstation-optional-rpms)

TASK [pulp : Find and enable the first found name of the RHEL CodeReady Builder repo]
***** skipping:
[pulp.fancyhost.anon] => (item=codeready-builder-for-rhel-8-x86_64-rpms) skipping: [pulp.fancyhost.anon] =>
(item=rhui-codeready-builder-for-rhel-8-rhui-rpms) skipping: [pulp.fancyhost.anon] => (item=codeready-builder-for-rhel-8-rhui-rpms)

TASK [pulp : Determine which file in /etc/yum.repos.d/ has the CentOS PowerTools repo]
***** ok:
[pulp.fancyhost.anon]

TASK [pulp : Enable the CentOS PowerTools repo]
*****
***** changed: [pulp.fancyhost.anon]

TASK [pulp : Determine which file in /etc/yum.repos.d/ has the CentOS Stream-PowerTools repo]
***** ok: [pulp.fancyhost.anon]

TASK [pulp : Enable the CentOS Stream-PowerTools PowerTools repo]
*****
skipping: [pulp.fancyhost.anon]

TASK [pulp : Update apt package index]
*****
***** skipping: [pulp.fancyhost.anon]

TASK [pulp : Install prerequisites]
*****
***** changed: [pulp.fancyhost.anon]

TASK [pulp : Disable SELinux (Pulp 3 is currently incompatible with SELinux)]
***** changed:
[pulp.fancyhost.anon]

TASK [pulp : Find the nologin executable]
*****
***** ok: [pulp.fancyhost.anon]

TASK [pulp : Make sure pulp group exists]
*****
***** changed: [pulp.fancyhost.anon]

TASK [pulp : Create user pulp]
*****
***** changed: [pulp.fancyhost.anon]

TASK [pulp : Add user pulp to extra groups]
*****
```

```
***** skipping: [pulp.fancyhost.anon]

TASK [pulp : Add user {{ developer_user }} to {{ pulp_group }} group]
*****
skipping: [pulp.fancyhost.anon]

TASK [pulp : Create cache dir for Pulp]
*****
***** changed: [pulp.fancyhost.anon]

TASK [pulp : Create pulp install dir]
*****
***** changed: [pulp.fancyhost.anon]

TASK [pulp : Check if we have Pulp 2 installed]
*****
***** ok: [pulp.fancyhost.anon]

TASK [pulp : Add user 'apache' to 'pulp' group if it exists]
*****
* skipping: [pulp.fancyhost.anon]

TASK [pulp : Set permissions on '/var/lib/pulp' if pulp2 is installed]
*****
skipping: [pulp.fancyhost.anon]

TASK [pulp : Find subdirs without setgid]
*****
***** skipping: [pulp.fancyhost.anon]

TASK [pulp : Set setgid on the /var/lib/pulp subdirs]
*****
***** skipping: [pulp.fancyhost.anon]

TASK [pulp : Install packages needed for source install]
*****
**** ok: [pulp.fancyhost.anon]

TASK [pulp : Create a venv with system-wide packages setting if the venv does not exist]
***** skipping:
[pulp.fancyhost.anon]

TASK [pulp : Upgrade to a recent edition of pip (supporting manylinux2014)]
*****
[WARNING]: Module remote_tmp /var/lib/pulp/.ansible/tmp did not exist and was created with a mode of 0700, this may cause issues
when running as another user. To avoid this, create the remote_tmp dir with the correct permissions manually changed:
[pulp.fancyhost.anon]

TASK [pulp : Update any existing venv to allow system-wide packages]
*****
skipping: [pulp.fancyhost.anon]

TASK [pulp : Obtain list of packages in the venv to see if any plugins are installed]
***** ok:
[pulp.fancyhost.anon]

TASK [pulp : Create requirements.in file to check pulpcore/plugin compatibility]
***** changed:
[pulp.fancyhost.anon]

TASK [pulp : Install pip-tools, which provides pip-compile to check version compatibility]
***** changed:
[pulp.fancyhost.anon]

TASK [pulp : Run preflight check (no prereq roles)]
*****
***** skipping: [pulp.fancyhost.anon]
```

TASK [pulp : Run preflight check before prereq roles]

***** included: /home/amueller/workdir/pulp_installer/roles/pulp/tasks/preflight_function.yml for pulp.fancyhost.anon

TASK [pulp : List currently installed packages for the pip-compile check]

***** ok:
[pulp.fancyhost.anon]

TASK [pulp : Backup currently installed packages for any potential troubleshooting purposes]

***** ok: [pulp.fancyhost.anon]

TASK [pulp : Run pip-compile to check pulpcore/plugin compatibility]

[WARNING]: conditional statements should not include jinja2 templating delimiters such as {{ }} or {% %}. Found: {{ failed_condition | default("compatibility.rc != 0") }} fatal: [pulp.fancyhost.anon]: FAILED! => {"changed": false, "cmd": ["usr/local/lib/pulp/bin/pip-compile"], "delta": "0:00:05.941732", "end": "2020-06-15 12:38:32.265771", "failed_when_result": true, "msg": "non-zero return code", "rc": 2, "start": "2020-06-15 12:38:26.324039", "stderr": "Could not find a version that matches pulpcore<3.4,<3.5,==3.4.1,>=3.0,>=3.3,>=3.4 from https://files.pythonhosted.org/packages/5c/40/8dab8ccfe73982ef3a5e48489af2d83974b0e7677ca52ec232fcb4b49dfa/pulpcore-3.4.1-py3-none-any.whl#sha256=e33ca32f867201e1a18b888d72ef07e85c2cd11273a8e422e33d6a2910a64fac (from -r requirements.in (line 1))\nTried: 3.0.0, 3.0.0, 3.0.1, 3.0.1, 3.1.0, 3.1.0, 3.1.1, 3.1.1, 3.2.0, 3.2.0, 3.2.1, 3.2.1, 3.3.0, 3.3.0, 3.3.1, 3.3.1, 3.4.0, 3.4.0, 3.4.1, 3.4.1\nSkipped pre-versions: 3.0.0a1.dev3, 3.0.0a1.dev3, 3.0.0a1.dev4, 3.0.0a1.dev4, 3.0.0a1.dev5, 3.0.0a1.dev5, 3.0.0a1, 3.0.0a1, 3.0.0a2, 3.0.0a2, 3.0.0a3, 3.0.0a3, 3.0.0a4, 3.0.0a4, 3.0.0a5, 3.0.0a5, 3.0.0a6, 3.0.0a6, 3.0.0a7, 3.0.0a7, 3.0.0a8, 3.0.0a8, 3.0.0a9, 3.0.0a9, 3.0.0a10, 3.0.0a10, 3.0.0a11, 3.0.0a11, 3.0.0a12, 3.0.0a12, 3.0.0a13, 3.0.0a13, 3.0.0a14, 3.0.0a14, 3.0.0a15, 3.0.0a15, 3.0.0a16, 3.0.0a16, 3.0.0a17, 3.0.0a17, 3.0.0a18, 3.0.0a18, 3.0.0a19, 3.0.0a19, 3.0.0a20, 3.0.0a20, 3.0.0a21, 3.0.0a21, 3.0.0a22, 3.0.0a22, 3.0.0a23, 3.0.0a23, 3.0.0a24, 3.0.0a24, 3.0.0a25, 3.0.0a25, 3.0.0a26, 3.0.0a26, 3.0.0a27, 3.0.0a27, 3.0.0a28, 3.0.0a28, 3.0.0a29, 3.0.0a29, 3.0.0b1, 3.0.0b1, 3.0.0b2, 3.0.0b2, 3.0.0b3, 3.0.0b3, 3.0.0b4, 3.0.0b4, 3.0.0b5, 3.0.0b5, 3.0.0b6, 3.0.0b6, 3.0.0b7, 3.0.0b7, 3.0.0b8, 3.0.0b8, 3.0.0b9, 3.0.0b9, 3.0.0b10, 3.0.0b10, 3.0.0b11, 3.0.0b11, 3.0.0b12, 3.0.0b12, 3.0.0b13, 3.0.0b13, 3.0.0b14, 3.0.0b14, 3.0.0b15, 3.0.0b15, 3.0.0b16, 3.0.0b16, 3.0.0b17, 3.0.0b18, 3.0.0b18, 3.0.0b19, 3.0.0b19, 3.0.0b20, 3.0.0b20, 3.0.0b21, 3.0.0b21, 3.0.0b22, 3.0.0b22, 3.0.0b23, 3.0.0b23, 3.0.0rc1, 3.0.0rc1, 3.0.0rc2, 3.0.0rc2, 3.0.0rc3, 3.0.0rc3, 3.0.0rc4, 3.0.0rc4, 3.0.0rc5, 3.0.0rc5, 3.0.0rc6, 3.0.0rc6, 3.0.0rc7, 3.0.0rc7, 3.0.0rc8, 3.0.0rc8, 3.0.0rc9, 3.0.0rc9\nThere are incompatible versions in the resolved dependencies:\n pulpcore==3.4.1 from https://files.pythonhosted.org/packages/5c/40/8dab8ccfe73982ef3a5e48489af2d83974b0e7677ca52ec232fcb4b49dfa/pulpcore-3.4.1-py3-none-any.whl#sha256=e33ca32f867201e1a18b888d72ef07e85c2cd11273a8e422e33d6a2910a64fac (from -r requirements.in (line 1))\n pulpcore<3.5,>=3.4 (from pulp-file==1.0.1->-r requirements.in (line 4))\n pulpcore<3.5,>=3.4 (from pulp-rpm==3.4.1->-r requirements.in (line 6))\n pulpcore<3.5,>=3.4 (from pulp-python==3.0.0b9->-r requirements.in (line 5))\n pulpcore<3.4,>=3.3 (from pulp-deb==2.3.0b1->-r requirements.in (line 3))\n pulpcore<3.5,>=3.0 (from pulp-ansible==0.2.0b13->-r requirements.in (line 2))", "stderr_lines": ["Could not find a version that matches pulpcore<3.4,<3.5,==3.4.1,>=3.0,>=3.3,>=3.4 from https://files.pythonhosted.org/packages/5c/40/8dab8ccfe73982ef3a5e48489af2d83974b0e7677ca52ec232fcb4b49dfa/pulpcore-3.4.1-py3-none-any.whl#sha256=e33ca32f867201e1a18b888d72ef07e85c2cd11273a8e422e33d6a2910a64fac (from -r requirements.in (line 1))", "Tried: 3.0.0, 3.0.0, 3.0.1, 3.0.1, 3.1.0, 3.1.0, 3.1.1, 3.1.1, 3.2.0, 3.2.0, 3.2.1, 3.2.1, 3.3.0, 3.3.0, 3.3.1, 3.3.1, 3.4.0, 3.4.0, 3.4.1, 3.4.1", "Skipped pre-versions: 3.0.0a1.dev3, 3.0.0a1.dev3, 3.0.0a1.dev4, 3.0.0a1.dev4, 3.0.0a1.dev5, 3.0.0a1.dev5, 3.0.0a1, 3.0.0a1, 3.0.0a2, 3.0.0a2, 3.0.0a3, 3.0.0a3, 3.0.0a4, 3.0.0a4, 3.0.0a5, 3.0.0a5, 3.0.0a6, 3.0.0a6, 3.0.0a7, 3.0.0a7, 3.0.0a8, 3.0.0a8, 3.0.0a9, 3.0.0a9, 3.0.0a10, 3.0.0a10, 3.0.0a11, 3.0.0a11, 3.0.0a12, 3.0.0a12, 3.0.0a13, 3.0.0a13, 3.0.0a14, 3.0.0a14, 3.0.0a15, 3.0.0a15, 3.0.0a16, 3.0.0a16, 3.0.0a17, 3.0.0a17, 3.0.0a18, 3.0.0a18, 3.0.0a19, 3.0.0a19, 3.0.0a20, 3.0.0a20, 3.0.0a21, 3.0.0a21, 3.0.0a22, 3.0.0a22, 3.0.0a23, 3.0.0a23, 3.0.0a24, 3.0.0a24, 3.0.0a25, 3.0.0a25, 3.0.0a26, 3.0.0a26, 3.0.0a27, 3.0.0a27, 3.0.0a28, 3.0.0a28, 3.0.0a29, 3.0.0a29, 3.0.0b1, 3.0.0b1, 3.0.0b2, 3.0.0b2, 3.0.0b3, 3.0.0b3, 3.0.0b4, 3.0.0b4, 3.0.0b5, 3.0.0b5, 3.0.0b6, 3.0.0b6, 3.0.0b7, 3.0.0b7, 3.0.0b8, 3.0.0b8, 3.0.0b9, 3.0.0b9, 3.0.0b10, 3.0.0b10, 3.0.0b11, 3.0.0b11, 3.0.0b12, 3.0.0b12, 3.0.0b13, 3.0.0b13, 3.0.0b14, 3.0.0b14, 3.0.0b15, 3.0.0b15, 3.0.0b16, 3.0.0b16, 3.0.0b17, 3.0.0b18, 3.0.0b18, 3.0.0b19, 3.0.0b19, 3.0.0b20, 3.0.0b20, 3.0.0b21, 3.0.0b21, 3.0.0b22, 3.0.0b22, 3.0.0b23, 3.0.0b23, 3.0.0rc1, 3.0.0rc1, 3.0.0rc2, 3.0.0rc2, 3.0.0rc3, 3.0.0rc3, 3.0.0rc4, 3.0.0rc4, 3.0.0rc5, 3.0.0rc5, 3.0.0rc6, 3.0.0rc6, 3.0.0rc7, 3.0.0rc7, 3.0.0rc8, 3.0.0rc8, 3.0.0rc9, 3.0.0rc9", "There are incompatible versions in the resolved dependencies:", " pulpcore==3.4.1 from https://files.pythonhosted.org/packages/5c/40/8dab8ccfe73982ef3a5e48489af2d83974b0e7677ca52ec232fcb4b49dfa/pulpcore-3.4.1-py3-none-any.whl#sha256=e33ca32f867201e1a18b888d72ef07e85c2cd11273a8e422e33d6a2910a64fac (from -r requirements.in (line 1))", " pulpcore<3.5,>=3.4 (from pulp-file==1.0.1->-r requirements.in (line 4))", " pulpcore<3.5,>=3.4 (from pulp-rpm==3.4.1->-r requirements.in (line 6))", " pulpcore<3.5,>=3.4 (from pulp-python==3.0.0b9->-r requirements.in (line 5))", " pulpcore<3.4,>=3.3 (from pulp-deb==2.3.0b1->-r requirements.in (line 3))", " pulpcore<3.5,>=3.0 (from pulp-ansible==0.2.0b13->-r requirements.in (line 2))"], "stdout": "", "stdout_lines": []}

PLAY RECAP

***** pulp.fancyhost.anon : ok=25 changed=11 unreachable=0 failed=1 skipped=17 rescued=0 ignored=0

Please fix this issue to make it possible installing pulp with the code from https://github.com/pulp/pulp_installer.

Thanks a lot and best regards

Andreas

Playbook

- hosts: all vars: pulp_settings: secret_key: secret content_origin: "http://{{ ansible_fqdn }}" pulp_default_admin_password: "MYVERYVERYSECRET" pulp_install_plugins: # galaxy-ng: {} pulp-ansible: {} # pulp-certguard: {} # pulp-container: {} # pulp-cookbook: {} pulp-deb: {} pulp-file: {} # pulp-gem: {} # pulp-maven: {} # pulp-npm: {} pulp-python: {} pulp-rpm: prereq_role: "pulp.pulp_rpm_prerequisites" # RPM plugin needs a prereq_role: https://galaxy.ansible.com/pulp/pulp_rpm_prerequisites roles:
 - pulp_database
 - pulp_workers
 - pulp_resource_manager
 - pulp_webserver
 - pulp_content environment: DJANGO_SETTINGS_MODULE: pulpcore.app.settings

History

#1 - 06/15/2020 02:27 PM - ggainey

One thing that stands out to me is that the pulp-deb you have installed isn't compatible with pulpcore-3.4 :

```
pulpcore<3.4,>=3.3 (from pulp-deb==2.3.0b1-->-r requirements.in (line 3))
```

2.4.0b1.dev accepts 3.4+, as you can see [here](#)

#2 - 06/15/2020 02:49 PM - ipanova@redhat.com

pulp_deb needs a new releaes to stay compatible with pulpcore 3.4 https://github.com/pulp/pulp_deb/blob/2.3/setup.py#L6

#3 - 06/17/2020 06:43 PM - dkliban@redhat.com

New version of pulp_deb has been released. Can you please try again and report if tehre is still a problem. Thanks!

<https://www.redhat.com/archives/pulp-list/2020-June/msg00030.html>

#4 - 06/24/2020 04:29 PM - dkliban@redhat.com

- Status changed from NEW to CLOSED - WORKSFORME

The installer works on CentOS 8. If you run into any other problems related to centos 8, feel free to open the issue again.