

Pulp - Issue #4725

Debian lazy sync virt-install fails w/ a 404 error, yet it's on the remote's CDN

04/23/2019 06:59 PM - bmbouter

Status:	NEW	Start date:	
Priority:	High	Due date:	
Assignee:		Estimated time:	0:00 hour
Category:			
Sprint/Milestone:			
Severity:	2. Medium	Sprint Candidate:	No
Version:		Tags:	
Platform Release:		QA Contact:	
Blocks Release:		Complexity:	
OS:		Smash Test:	
Backwards Incompatible:	No	Verified:	No
Triaged:	Yes	Verification Required:	No
Groomed:	No	Sprint:	

Description

@mdellweg and I both are experiencing this issue with the latest source checkouts of pulpcore, pulpcore-plugin and the pulp_deb. Using pulp_lift you can easily get into this setup.

Then sync+publish w/ a script like:

```
# Sync Repository
export REPOSITORY=$(http POST :24817/pulp/api/v3/repositories/ name=debian_stretch | jq -r '._href')
export REMOTE=$(http POST :24817/pulp/api/v3/remotes/deb/apt/ name=debian_stretch policy=streamed url="http://ftp.de.debian.org/debian/" distributions=stretch components=main architectures=amd64 s
ync_udebs=True sync_installer=True | jq -r '._href')
export SYNC_TASK=$(http POST :24817${REMOTE}sync/ repository=${REPOSITORY} | jq -r '.task')
# wait for task to finish
export VERSION=$(http :24817${SYNC_TASK} | jq -r '.created_resources[0]')

# Publish Repository
export PUBLISHER=$(http POST :24817/pulp/api/v3/publishers/deb/verbatim/ name=verbatim_stretch | j
q -r '._href')
export PUBLISH_TASK=$(http POST :24817${PUBLISHER}publish/ repository=${REPOSITORY} | jq -r '.task')
# wait for task to finish
export PUBLICATION=$(http :24817${PUBLISH_TASK} | jq -r '.created_resources[0]')
http POST :24817/pulp/api/v3/distributions/ name=verbatim_stretch base_path=verbatim_stretch publi
cation=${PUBLICATION}
```

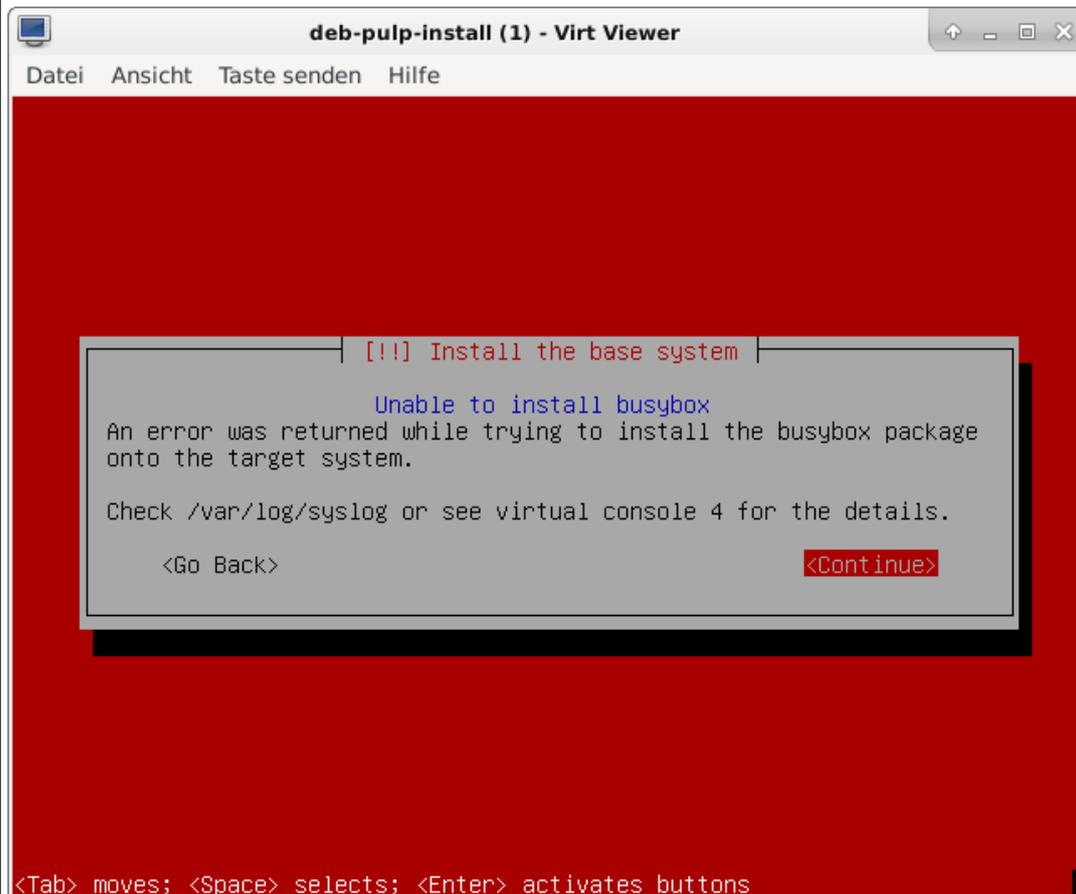
You'll need your local ports forwarding from all local interfaces to the pulplift VM for ports 24816 and 24817. You can do this with something like:

```
vagrant ssh pulp3-source-fedora29 -- -R 29437:localhost:29437 -R 29438:localhost:29438 -L *:24816:
127.0.0.1:24816 -L *:24817:127.0.0.1:24817
```

Then virt-install with a command like:

```
virt-install \
  --name deb-pulp-install \
  --disk size=10 \
  --memory 1024 \
  --connect qemu:///system \
  --os-variant debian9 \
  --location http://192.168.122.1:24816/pulp/content/verbatim_stretch/dists/stretch/main/installer-amd64/ \
  --initrd-inject preseed.cfg
```

Eventually your system will fail with an error that looks like:



It's requesting the URL:

http://192.168.122.1:24816/pulp/content/verbatim_stretch/pool/main/b/busybox/busybox_1.22.0-19+b3_amd64.deb

which should exist because this URL exists:

http://ftp.de.debian.org/debian/pool/main/b/busybox/busybox_1.22.0-19+b3_amd64.deb

History

#1 - 04/23/2019 10:45 PM - bmbouter

In debugging the pulp-streamer the request that shows up [here](#) on the call that returns the 404 it is showing up as: 'verbatim_stretch/pool/main/b/busybox/busybox_1.22.0-19%2Bb3_amd64.deb'

That is strange because the console output shows it having the '+' on it. Because it's not unquoted it's failing to match on the [ContentArtifact.relative_path here](#)

#2 - 04/23/2019 10:52 PM - bmbouter

I confirmed that this PR fix does resolve the issue, but I'm still labelling it as a WIP: <https://github.com/pulp/pulpcore/pull/96>

I'm going to look around a bit more though because I don't think the unquote should be necessary...

#3 - 04/24/2019 11:57 PM - bmbouter

- Status changed from ASSIGNED to POST

I enabled access logging and reran the virt-install and I can see the URL that is failing is being requested as:

GET /pulp/content/verbatim_stretch/pool/main/b/busybox/busybox_1.22.0-19%2Bb3_amd64.deb

In debugging I can see that both request.path and request.raw_path are both /pulp/content/verbatim_stretch/pool/main/b/busybox/busybox_1.22.0-19%2Bb3_amd64.deb which means aiohttp is failing to unquote like it should. I filed this bug <https://github.com/aio-libs/aiohttp/issues/3713> to resolve that.

I moved this to POST because we can merge the unquote workaround now and I also filed <https://pulp.plan.io/issues/4735> to remove it before the GA release. The PR is here: <https://github.com/pulp/pulpcore/pull/96>

#4 - 04/26/2019 04:33 PM - amacdona@redhat.com

- Triaged changed from No to Yes

#5 - 09/13/2019 05:35 PM - bmbouter

- Status changed from POST to NEW

#6 - 09/26/2019 08:30 PM - fabricio.aguiar

- Sprint/Milestone set to 3.0

#7 - 09/26/2019 08:31 PM - fabricio.aguiar

I also got this error when I was testing kickstarts installing CentOS 7

#8 - 10/15/2019 11:34 PM - bmbouter

- Assignee deleted (bmbouter)

#9 - 11/04/2019 09:07 PM - bmbouter

- Sprint/Milestone deleted (3.0)

Removing from 3.0 blocker because there won't be a code change Pulp can make to fix it. Also yarl has fixes it, but they have not yet released that fix.

Files

deb_install-1.png	15.7 KB	04/23/2019	bmbouter
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