

## RPM Support - Issue #1729

### cannot retrieve kernel/initrd from pulp after on\_demand sync

02/29/2016 08:36 PM - jsherril@redhat.com

|  |                  |                          |           |
|--|------------------|--------------------------|-----------|
| <b>Status:</b>   | CLOSED - NOTABUG | <b>Start date:</b>       |           |
| <b>Priority:</b>   | Normal           | <b>Due date:</b>         |           |
| <b>Assignee:</b>   |                  | <b>Estimated time:</b>   | 0:00 hour |
| <b>Category:</b>   |                  |                          |           |
| <b>Sprint/Milestone:</b>   |                  |                          |           |
| <b>Severity:</b>   | 2. Medium        | <b>Groomed:</b>          | No        |
| <b>Version:</b>  | Master           | <b>Sprint Candidate:</b> | No        |
| <b>Platform Release:</b>   |                  | <b>Tags:</b>             | Pulp 2    |
| <b>OS:</b>   | CentOS 7         | <b>Sprint:</b>           |           |
| <b>Triaged:</b>  | No               | <b>Quarter:</b>          |           |
| <b>Description</b>   |                  |                          |           |
| Syncing a kickstart tree does not download kernel and initrd.                                |                  |                          |           |
| Downloading any of these repos from the cdn:   |                  |                          |           |
| RHEL 7.2 x86_64  |                  |                          |           |
| RHEL 6.7 x86_64  |                  |                          |           |
| RHEL 7.1 x86_64  |                  |                          |           |
| All of them are missing their ./images/pxeboot/vmlinuz and ./images/pxeboot/initrd.img files |                  |                          |           |
| there may be more files missing, i just noticed these.                                       |                  |                          |           |
| pulp-server-2.8.0-0.5.beta.el7.noarch  |                  |                          |           |

## History

### #1 - 02/29/2016 08:38 PM - jsherril@redhat.com

I also would not eliminate the possibility of it being a cdn issue, i just could not see one off the bat.

### #3 - 02/29/2016 08:47 PM - jsherril@redhat.com

- File treeinfo added

### #5 - 02/29/2016 08:59 PM - jsherril@redhat.com

Its also possible that this is lazy related, but when fetching it, i get:

```
jsherril~$ curl -X GET http://robot.example.com/pulp/repos/Default_Organization/Library/content/dist/rhel/server/6/6.6/x86_64/kickstart/images/pxeboot/vmlinuz
<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>403 Forbidden</title>
</head><body>
<h1>Forbidden</h1>
<p>You don't have permission to access /pulp/repos/Default_Organization/Library/content/dist/rhel/server/6/6.6/x86_64/kickstart/images/pxeboot/vmlinuz on this server.</p>
</body></html>
```

### #6 - 02/29/2016 09:05 PM - jsherril@redhat.com

Apache error while trying to fetch:

```
[Mon Feb 29 15:04:31.870142 2016] [core:error] [pid 1367] [client 192.168.121.1:52418] AH00037: Symbolic link not allowed or link target not accessible: /var/www/pub/yum/http/repos/Default_Organization/Library/content/dist/rhel/server/6/6.6/x86_64/kickstart/images/pxeboot/vmlinuz
```

I also get the same error when attempting to fetch an rpm:

52404] AH00037: Symbolic link not allowed or link target not accessible:

/var/www/pub/yum/http/repos/Default\_Organization/Library/content/dist/rhel/server/6/6.6/x86\_64/kickstart/Packages/man-pages-it-2.80-6.el6.noarch.rpm

**#7 - 02/29/2016 09:06 PM - jsherril@redhat.com**

find of my distributions:

```
[root@robot ~]# find /var/lib/pulp/content/units/distribution/*
/var/lib/pulp/content/units/distribution/49
/var/lib/pulp/content/units/distribution/49/da05e1e526ca2cefec9985aea4c85ba2d1a04e167ecf1acbe50b0063fc30c9
/var/lib/pulp/content/units/distribution/49/da05e1e526ca2cefec9985aea4c85ba2d1a04e167ecf1acbe50b0063fc30c9/treeinfo
/var/lib/pulp/content/units/distribution/ac
/var/lib/pulp/content/units/distribution/ac/adf6ece38c7e46bee6a2a96b14a6a231010a9b2ad083383321e29cd7d96db2
/var/lib/pulp/content/units/distribution/ac/adf6ece38c7e46bee6a2a96b14a6a231010a9b2ad083383321e29cd7d96db2/treeinfo
/var/lib/pulp/content/units/distribution/b0
/var/lib/pulp/content/units/distribution/b0/e4ccbd9be034fe7bafa778d06fdf2a7fee847612e91a01bb27023e800b06e2
/var/lib/pulp/content/units/distribution/b0/e4ccbd9be034fe7bafa778d06fdf2a7fee847612e91a01bb27023e800b06e2/treeinfo
```

**#8 - 02/29/2016 09:14 PM - mhrivnak**

I'm not able to reproduce using an internal mirror. The sync of the RHEL 7.2 kickstart repo retrieved 6 files.

```
$ pwd
/var/lib/pulp/content/units/distribution
$ tree
.
├── 49
│   ├── da05e1e526ca2cefec9985aea4c85ba2d1a04e167ecf1acbe50b0063fc30c9
│   │   ├── addons
│   │   │   ├── HighAvailability
│   │   │   │   └── repodata
│   │   │   │       └── repomd.xml
│   │   │   └── ResilientStorage
│   │   │       └── repodata
│   │   │           └── repomd.xml
│   │   └── images
│   │       ├── pxeboot
│   │       │   ├── initrd.img
│   │       │   ├── upgrade.img
│   │       │   └── vmlinuz
│   │       └── LiveOS
│   │           └── squashfs.img
│   └── treeinfo
├── de
│   └── d64602f1a2165af46f6cd4c8c2645a0422607173fb34617458c9f419e2c7bf
```

**#10 - 02/29/2016 09:32 PM - mhrivnak**

- Subject changed from syncing kickstart tree ignores kernel/initrd to cannot retrieve kernel/initrd from pulp after on\_demand sync

**#11 - 02/29/2016 09:37 PM - jsherril@redhat.com**

- Status changed from NEW to CLOSED - NOTABUG

turned out this was an old config in /etc/pulp/vhosts80/rpm.conf

**#12 - 04/15/2019 10:34 PM - bmbouter**

- Tags Pulp 2 added

**Files**

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|          |         |            |                     |
|----------|---------|------------|---------------------|
| treeinfo | 2.09 KB | 02/29/2016 | jsherril@redhat.com |
|----------|---------|------------|---------------------|