

## openQA Infrastructure - action #55757

### OSD ftp service has problem: NFS mount on qanet did not handle move of assets folder on osd (or reboot) gracefully

2019-08-20 10:21 - xlai

<b>Status:</b>	Resolved	<b>Start date:</b>	2019-08-20
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>	okurz	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Description</b>			
From around 4 hours ago, pxe installation on osd always fail at boot_from_pxe with error "Could not find kernel image xxx", <a href="https://openqa.suse.de/tests/3270212#step/boot_from_pxe/6">https://openqa.suse.de/tests/3270212#step/boot_from_pxe/6</a> .			
We tested ftp service, it is not accessible for images, but http works well.			
Please help recover. It blocks virtualization test for beta4 candidate.			
<b>Log:</b>			
FTP STATUS:			
'wget <a href="ftp://openqa.suse.de/assets/repo/fixed/SLE-12-SP4-Server-DVD-x86_64-GM-DVD1/boot/x86_64/loader/linux">ftp://openqa.suse.de/assets/repo/fixed/SLE-12-SP4-Server-DVD-x86_64-GM-DVD1/boot/x86_64/loader/linux</a> --2019-08-20 06:15:32-- <a href="ftp://openqa.suse.de/assets/repo/fixed/SLE-12-SP4-Server-DVD-x86_64-GM-DVD1/boot/x86_64/loader/linux">ftp://openqa.suse.de/assets/repo/fixed/SLE-12-SP4-Server-DVD-x86_64-GM-DVD1/boot/x86_64/loader/linux</a> => 'linux.1'			
Resolving openqa.suse.de (openqa.suse.de)... 10.160.0.207, 2620:113:80c0:8080:10:160:0:207 Connecting to openqa.suse.de (openqa.suse.de) 10.160.0.207 :21... connected. Logging in as anonymous ... Logged in! ==> SYST ... done. ==> PWD ... done. ==> TYPE I ... done. ==> CWD (1) /assets/repo/fixed/SLE-12-SP4-Server-DVD-x86_64-GM-DVD1/boot/x86_64/loader ... No such directory 'assets/repo/fixed/SLE-12-SP4-Server-DVD-x86_64-GM-DVD1/boot/x86_64/loader'. '			
HTTP:			
'wget <a href="http://openqa.suse.de/assets/repo/fixed/SLE-12-SP4-Server-DVD-x86_64-GM-DVD1/boot/x86_64/loader/linux">http://openqa.suse.de/assets/repo/fixed/SLE-12-SP4-Server-DVD-x86_64-GM-DVD1/boot/x86_64/loader/linux</a> --2019-08-20 06:16:35-- <a href="http://openqa.suse.de/assets/repo/fixed/SLE-12-SP4-Server-DVD-x86_64-GM-DVD1/boot/x86_64/loader/linux">http://openqa.suse.de/assets/repo/fixed/SLE-12-SP4-Server-DVD-x86_64-GM-DVD1/boot/x86_64/loader/linux</a> Resolving openqa.suse.de (openqa.suse.de)... 10.160.0.207, 2620:113:80c0:8080:10:160:0:207 Connecting to openqa.suse.de (openqa.suse.de) 10.160.0.207 :80... connected. HTTP request sent, awaiting response... 200 OK Length: 6856480 (6.5M) Saving to: 'linux.1'			
100%[=====>] 6,856,480 --.-K/s in 0.08s			
2019-08-20 06:16:35 (80.0 MB/s) - 'linux.1' saved [6856480/6856480] '			
'# curl <a href="ftp://openqa.suse.de/assets/repo/fixed/SLE-12-SP4-Server-DVD-x86_64-GM-DVD1/boot/x86_64/loader/linux">ftp://openqa.suse.de/assets/repo/fixed/SLE-12-SP4-Server-DVD-x86_64-GM-DVD1/boot/x86_64/loader/linux</a> curl: (9) Server denied you to change to the given directory '			

#### History

##### #1 - 2019-08-20 12:13 - okurz

- Assignee changed from nicksinger to okurz

I can see from journalctl -u vsftpd on osd:

```
Aug 20 13:44:19 openqa vsftpd[29454]: [ftp] FAIL DOWNLOAD: Client "::-ffff:10.163.1.98", "/assets/repo/fixed/SLE-12-SP4-Server-DVD-x86_64-GM-DVD1/boot/x86_64/loader/linux", 0.00Kbyte/sec
Aug 20 13:44:25 openqa vsftpd[29617]: [ftp] OK LOGIN: Client "::-ffff:10.160.1.100", anon password "yast@17.11."
```

4"

Aug 20 13:44:25 openqa vsftpd[29623]: [ftp] OK DOWNLOAD: Client "::ffff:10.160.1.100", "/SLE-15-SP2-Staging:A-Module-Basesystem-POOL-x86\_64-Build27.1-Media1/repodata/repomd.xml", 9125 bytes, 9350.61Kbyte/sec

so downloading works but the path /assets/repo/fixe/... doesn't . I wonder how that ever worked because the vsftpd config simply has anon\_root=/var/lib/openqa/factory/repo/

## #2 - 2019-08-20 12:54 - okurz

On qanet:

```
qanetnue:~ # cat /etc/fstab
...
openqa.suse.de:/var/lib/openqa/share/factory /mnt/openqa nfs ro,defaults 0 0
qanetnue:~ # ls /mnt/openqa
ls: cannot access /mnt/openqa: Stale NFS file handle
qanetnue:~ # umount /mnt/openqa
qanetnue:~ # mount -a
qanetnue:~ # ls /mnt/openqa/
hdd iso other repo tmp
```

retriggered job -> <https://openqa.suse.de/tests/3271515>

Seems like on qanet the nfs mount is not handling a reboot of OSD gracefully. As qanet is SLE11SP3 I would start with an upgrade first :)

## #3 - 2019-08-20 12:58 - okurz

- Subject changed from *OSD ftp service has problem to OSD ftp service has problem: NFS mount on qanet did not handle osd reboot gracefully*
- Status changed from *New to In Progress*

## #4 - 2019-08-20 13:14 - okurz

- Subject changed from *OSD ftp service has problem: NFS mount on qanet did not handle osd reboot gracefully to OSD ftp service has problem: NFS mount on qanet did not handle move of assets folder on osd (or reboot) gracefully*
- Status changed from *In Progress to Resolved*

test has passed this stage again: <https://openqa.suse.de/tests/3271515> . Found one other test that failed in the same step, retriggered.

## #5 - 2019-08-21 05:35 - xlai

[okurz](#), thank you for the quick fix. It is working quite well now from virtualization tests.