

Smart Proxy - Bug #6289

vmlinuz/initrd files corrupted during when multiple hosts created simultaneously

06/19/2014 02:28 PM - Dominic Cleal

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	TFTP	
Target version:	1.6.0	
Difficulty:		Fixed in Releases:
Triaged:		Found in Releases:
Bugzilla link:	1110378	Red Hat JIRA:
Pull request:		

Description

Linked BZ describes a side effect of async downloads:

--- Additional comment from James Slagle on 2014-06-17 15:02:27 BST ---

i been able to reliably reproduce this now and I believe what triggers this is assigning a 2nd host to a host group before the vmlinuz/initrd download has finished from the first host to host group assignment.

according to the foreman-proxy.log, the 2nd assignment causes an additional background task to get started to download the files. You then have multiple downloads clobbering each other.

likewise for any subsequent assignment if there is already a download running.

I've attached my foreman-proxy.log. It doesn't show anything different really from a successful download, but you can at least see it starting an additional download task before the first has even finished.

I end up with files that are much larger than they should be:

```
[root@staypuft boot]# pwd
/var/lib/tftpboot/boot
[root@staypuft boot]# ll -h
total 277M
-rw-r--r--. 1 foreman-proxy root      165M Jun  5 14:45 foreman-discovery-image-latest.el6.iso
-IMG
-rw-r--r--. 1 foreman-proxy root      3.9M Jun  5 14:45 foreman-discovery-image-latest.el6.iso
-vmlinuz
-rw-r--r--. 1 foreman-proxy foreman-proxy 101M May  7 03:39 RedHat-7.0-x86_64-initrd.img
-rw-r--r--. 1 foreman-proxy foreman-proxy 7.4M May  5 11:21 RedHat-7.0-x86_64-vmlinuz
```

Related issues:

Related to Smart Proxy - Feature #3034: TFTP file download should be synchron...

New

Associated revisions

Revision d44cdd95 - 07/07/2014 07:01 AM - Dmitri Dolguikh

fixes #6289: avoids concurrent downloads of files with the same name and destination dir.

History

#1 - 06/19/2014 02:29 PM - Dominic Cleal

- Related to Feature #3034: TFTP file download should be synchronous and handle errors added

#2 - 06/23/2014 01:18 PM - Anonymous

- Status changed from Assigned to Ready For Testing

PR: <https://github.com/theforeman/smart-proxy/pull/170>

#3 - 06/25/2014 07:20 AM - Dominic Cleal

<https://github.com/theforeman/smart-proxy/pull/173>

#4 - 07/07/2014 06:52 AM - Dominic Cleal

- *translation missing: en.field_release set to 10*

#5 - 07/07/2014 07:24 AM - Anonymous

- *Target version changed from 1.8.1 to 1.8.0*

#6 - 07/07/2014 07:41 AM - Anonymous

- *Status changed from Ready For Testing to Closed*