

Foreman - Bug #33328

Files in tftpboot/boot don't pick up changed files

08/24/2021 05:03 AM - Gerald Vogt

Status: Duplicate	
Priority: Normal	
Assignee:	
Category:	
Target version:	
Difficulty:	Fixed in Releases:
Triaged: Yes	Found in Releases: 2.5.2
Bugzilla link:	Red Hat JIRA:
Pull request:	
Description	
I have first described this in here: https://community.theforeman.org/t/loading-tftpboot-with-wget/24994	
When a build is initiated for a host, the foreman proxy will retrieve the initrd and vmlinuz via wget commands like this:	
<pre>2021-08-23T19:10:24 4e404324 [I] [55918] Started task ["/usr/bin/wget", "--connect-timeout=10", "--dns-timeout=10", "--read-timeout=60", "--tries=3", "--no-check-certificate", "-nv", "-c", "http://foreman.example.com/pulp/content/ORG/Production/centos8/custom/centos8/BaseOS_x86_64//images/pxeboot/vmlinuz", "-O", "/var/lib/tftpboot/boot/centos-8-base-2744-vmlinuz"]</pre>	
Due to the "-c" option ("Continue getting a partially-downloaded file") it doesn't pick up on new files. If the vmlinuz is updated in the repository it will never pick up the new version. If the new file is larger the wget will pick up the bytes at the end, but that's it. It's still basically the original file with some garbage at the end.	
The initrd and vmlinuz may not change often, but I guess there quite a few scenarios where it may happen: important bug fixes, CentOS 8 Stream rolling updates, minor version update from CentOS 8.3 to 8.4 if you are using the /8/ repository URLs.	
Related issues:	
Related to Smart Proxy - Bug #2412: Smartproxy TFTP using wget -c to pull new...	Closed

History

#1 - 08/26/2021 10:23 AM - Lukas Zapletal

We are aware of this bug, it's been there for years. [#2412](#)

There is a patch pending merging: <https://github.com/theforeman/smart-proxy/pull/785>

As a workaround, remove the "-c" flag from the source code. Or better, apply the patch and drop a comment on GH if it worked for you!

#2 - 08/26/2021 11:15 AM - Lukas Zapletal

- Related to Bug #2412: Smartproxy TFTP using wget -c to pull new PXE defaults produces errors while booting added

#3 - 09/01/2021 09:19 AM - Lukas Zapletal

- Status changed from New to Duplicate

- Triaged changed from No to Yes