

RPM Support - Issue #2427

Apache's XSendFile directive causes 404 errors when trying to download rpm packages via HTTP

11/17/2016 07:53 PM - alanoe

Status:	CLOSED - WORKSFORME	Start date:	
Priority:	Normal	Due date:	
Assignee:		Estimated time:	0:00 hour
Category:			
Sprint/Milestone:			
Severity:	2. Medium	Groomed:	No
Version:	2.9.1	Sprint Candidate:	No
Platform Release:		Tags:	Pulp 2
OS:	CentOS 7	Sprint:	
Triaged:	Yes	Quarter:	
Description			
arch: ppc64 Apache: 2.4.6-40 xsendfile module: 0.12-10			
I am able to browse /pulp/repos/ and /pulp/content/var/www/pub/yum/http/repos/ paths via HTTP; however, when I click in a RPM package, Apache does not find it and I get a 404 status code in the HTTP response. Disabling xsendfile module by commenting the corresponding lines in /etc/httpd/conf.d/pulp_content.conf fixes the problem.			

History

#1 - 11/17/2016 09:43 PM - bmbouter

@alanoe Thanks for reporting! Was this determined to only affect the ppc64 arch? If an upstream bug is filed against XSendFile can the link be posted against here too please? Thank you.

#2 - 11/22/2016 04:48 PM - dkliban@redhat.com

- Status changed from NEW to CLOSED - WORKSFORME

- Triaged changed from No to Yes

I deployed Pulp 2.9.3 on RHEL 7.3 and did not experience the same problem. Even though the issue is reported against 2.9.1, I did not see any bug fixes related to this in between 2.9.1 and 2.9.3.

This is most likely a problem with the XSendFile for PPC64. Currently PPC64 is not a supported architecture.

I would be open to revisiting this issue if I could get access to a PPC64 machine for testing Pulp.

#3 - 01/09/2017 10:53 PM - daweiwang.gatekeeper@gmail.com

I got same issue and changing XSendFile did not fix the issue.

#4 - 01/20/2017 03:31 PM - bmbouter

- Status changed from CLOSED - WORKSFORME to NEW

- Triaged changed from Yes to No

With another user experiencing these symptoms, I'm reopening and sending back to triage.

#5 - 01/26/2017 09:26 PM - daweiwang.gatekeeper@gmail.com

I did not say it's caused by XSendFile, i got similar 404 error and all links are broken in repositories. Switch XSendfile seems not help.

#6 - 01/26/2017 09:29 PM - daweiwang.gatekeeper@gmail.com

I made it working by adding following line to vhosts config file
Alias /pulp/repos /var/www/pub/yum/http/repos

But i doubt this is the newest/correct way, since it looks like the /pulp/repos path gonna be handled by pulp_content service in latest version.

#7 - 01/27/2017 04:46 PM - bizhang

- Status changed from *NEW* to *CLOSED* - *WORKSFORME*

- Triaged changed from *No* to *Yes*

#8 - 03/23/2018 10:07 AM - vaclav.adamec@suchy-zleb.cz

I have same issue with pulp-server-2.15.3-1 on CentOS 7, browsing is ok, but download response with 404, adding alias as mention above fix it.

#9 - 04/15/2019 10:23 PM - bmbouter

- Tags *Pulp 2* added