

Debian Support - Issue #8232

Pulp 3 - pulp-deb : APT client installing same patches again and again

02/09/2021 04:26 PM - mathiasdasilva

Status: POST	Start date:
Priority: High	Due date:
Assignee:	Estimated time: 0:00 hour
Category:	
Sprint/Milestone: Katello	
Severity: 2. Medium	Groomed: No
Version - Debian: master	Sprint Candidate: No
Platform Release:	Tags:
Target Release - Debian:	Sprint:
OS: CentOS 7	Quarter:
Triaged: No	

Description

Dear support,

When we plug our servers to our apt pulp repository, same packages are installed again an again. I checked and there is a difference between source package manifest and pulp deb manifest. There is an example for wget :

Ubuntu repository :

Package: wget Architecture: amd64 Version: 1.20.3-1ubuntu1 Multi-Arch: foreign Priority: standard Section: web Origin: Ubuntu Maintainer: Ubuntu Developers ubuntu-devel-discuss@lists.ubuntu.com Original-Maintainer: Noël Köthe noel@debian.org Bugs: <https://bugs.launchpad.net/ubuntu/+filebug> Installed-Size: 992 Depends: libc6 (>= 2.17), libidn2-0 (>= 0.6), libpcre2-8-0 (>= 10.32), libpsl5 (>= 0.16.0), libssl1.1 (>= 1.1.0), libuuid1 (>= 2.16), zlib1g (>= 1:1.1.4) Recommends: ca-certificates Conflicts: wget-ssl Filename: pool/main/w/wget/wget_1.20.3-1ubuntu1_amd64.deb Size: 348824 MD5sum: ae9eb859432505828dab97c80edcb5b5 SHA1: 45504b6e948d4f1a7e2ba0233bb57a67b392ceea SHA256: 68144dde6d45e1a54fa983d6d10be7043e6695e259c8d2b12fd03ea5e475d56a Homepage: <https://www.gnu.org/software/wget/> Description: retrieves files from the web Task: standard Description-md5: 63a4a740bcd9e8e94bf661e4f1806e02

Pulp repository : Package: wget Version: 1.20.3-1ubuntu1 Architecture: amd64 Section: web Priority: standard Origin: Ubuntu Bugs: <https://bugs.launchpad.net/ubuntu/+filebug> Installed-Size: 992 Maintainer: Ubuntu Developers ubuntu-devel-discuss@lists.ubuntu.com Description: retrieves files from the web Homepage: <https://www.gnu.org/software/wget/> Conflicts: wget-ssl Depends: libc6 (>= 2.17), libidn2-0 (>= 0.6), libpcre2-8-0 (>= 10.32), libpsl5 (>= 0.16.0), libssl1.1 (>= 1.1.0), libuuid1 (>= 2.16), zlib1g (>= 1:1.1.4) Recommends: ca-certificates MD5sum: ae9eb859432505828dab97c80edcb5b5 SHA1: 45504b6e948d4f1a7e2ba0233bb57a67b392ceea SHA256: 68144dde6d45e1a54fa983d6d10be7043e6695e259c8d2b12fd03ea5e475d56a Filename: pool/main/w/wget/wget_1.20.3-1ubuntu1_amd64.deb

This behavior seems to be identical to this ticket : <https://pulp.plan.io/issues/7190>

Pulp version:

Pulp core: 3.9.0 Pulp deb: 2.9.0

Best regards,

Related issues:

Related to Debian Support - Issue #8506: apt install - File has unexpected si... **NEW**

History

#1 - 02/09/2021 04:36 PM - quba42

This suggests pulp_deb is losing the following fields: Multi-Arch, Original-Maintainer, Size, Task, Description-md5

I will need to investigate.

#2 - 02/09/2021 05:52 PM - mathiasdasilva

If you need it, I can send our repository / remote / publication / distribution configuration.

#3 - 02/10/2021 09:07 AM - quba42

The options for the remote are generally useful.

The only other thing beyond that that might be of interest is what combination of "structured" and/or "simple" mode you used for the APT publisher. (This is probably irrelevant to this particular issue but can't hurt either.)

#4 - 02/10/2021 09:15 AM - mathiasdasilva

There is the remote option :

```
{
  "architectures": "amd64",
  "ca_cert": null,
  "client_cert": null,
  "client_key": null,
  "components": "main restricted",
  "connect_timeout": null,
  "distributions": "bionic bionic-security xenial xenial-security focal focal-security",
  "download_concurrency": 20,
  "gpgkey": null,
  "ignore_missing_package_indices": false,
  "name": "ubuntu",
  "password": null,
  "policy": "on_demand",
  "proxy_url": null,
  "pulp_created": "2021-02-09T11:21:22.167056Z",
  "pulp_href": "/pulp/api/v3/remotes/deb/apt/b6c2576e-c050-4ac1-8250-74178bacfd2c/",
  "pulp_last_updated": "2021-02-10T07:29:19.060281Z",
  "sock_connect_timeout": null,
  "sock_read_timeout": null,
  "sync_installer": false,
  "sync_sources": false,
  "sync_udebs": false,
  "tls_validation": true,
  "total_timeout": null,
  "url": "http://archive.ubuntu.com/ubuntu/",
  "username": null
},
```

The publication is in structured mode. I also tried with simple and we've got same behavior.

#5 - 04/06/2021 09:21 AM - quba42

- Related to Issue #8506: apt install - File has unexpected size - http pipeline added

#6 - 04/27/2021 05:36 PM - quba42

- Sprint/Milestone set to Katello

#7 - 04/28/2021 09:33 AM - quba42

- Priority changed from Normal to High

#8 - 06/09/2021 09:31 PM - pulpbot

- Status changed from NEW to POST

PR: https://github.com/pulp/pulp_deb/pull/294