

Debian Support - Issue #6869

Pulp 3 - pulp-deb : Add "Date" metadata in Release file

06/01/2020 04:27 PM - swisscom

Status:	CLOSED - CURRENTRELEASE	Start date:	
Priority:	Normal	Due date:	
Assignee:		Estimated time:	0:00 hour
Category:			
Sprint/Milestone:			
Severity:	1. Low	Groomed:	No
Version - Debian:	master	Sprint Candidate:	No
Platform Release:		Tags:	
Target Release - Debian:		Sprint:	
OS:		Quarter:	
Triaged:	No		

Description

Dear support team,

In order to avoid warnings when connecting Debian or Ubuntu hosts APT client to a DEB repo published by Pulp, would it be possible to add the "Date" metadata in the Release file ?

To avoid these warnings, I fixed it by modifying pulp_deb/app/tasks/publishing.py as following (class _ReleaseHelper, line 208). Before :

```
def __init__(
    self, publication, codename, components, architectures, label=None, description=None
):
    self.publication = publication
    self.release = deb822.Release()
    self.release["Codename"] = codename
    self.release["Architectures"] = " ".join(architectures)
    if label:
        self.release["Label"] = label
    if description:
        self.release["Description"] = description
    self.release["MD5sum"] = []
    self.release["SHA1"] = []
    self.release["SHA256"] = []
    self.release["SHA512"] = []
    self.architectures = architectures
    self.components = {name: _ComponentHelper(self, name) for name in components}
    self.signing_service = publication.signing_service
```

After :

```
def __init__(
    self, publication, codename, components, architectures, label=None, description=None
):
    self.publication = publication
    self.release = deb822.Release()
    self.release["Codename"] = codename
    # Ugly fix Lionel Widmer
    self.release["Date"] = "Sat, 09 May 2020 09:51:02 UTC"
    self.release["Architectures"] = " ".join(architectures)
    if label:
        self.release["Label"] = label
    if description:
```

```
self.release["Description"] = description
self.release["MD5sum"] = []
self.release["SHA1"] = []
self.release["SHA256"] = []
self.release["SHA512"] = []
self.architectures = architectures
self.components = {name: _ComponentHelper(self, name) for name in components}
self.signing_service = publication.signing_service
```

```
def add_metadata(self, metadata):
    artifact = metadata._artifacts.get()
```

Of course hardcoding a date is ugly but it was for a test, to validate it removes the warning, and it does.

According to Debian, the "Date" field in Release file is purely informational. However, it produces warnings if it is not present...
<https://wiki.debian.org/DebianRepository/Format>

Thanks for your support

Related issues:

Related to Debian Support - Issue #6907: Rework release file fields

CLOSED - CURRENTRELEASE

Associated revisions**Revision fa89b426 - 06/03/2020 06:10 PM - quba42**

Add Date field to Release files during publish

fixes #6869 <https://pulp.plan.io/issues/6869>

See also: https://wiki.debian.org/DebianRepository/Format#Date.2C_Valid-Until

History**#1 - 06/02/2020 05:27 PM - quba42**

I think we added a Date field in pulp2 and it should be rather trivial to do (I would add the date at the time of creating the publication).

Thanks for reporting this.

#2 - 06/03/2020 07:08 PM - pulpbot

- Status changed from NEW to POST

PR: https://github.com/pulp/pulp_deb/pull/176

#3 - 06/04/2020 01:36 PM - quba42

- Related to Issue #6907: Rework release file fields added

#4 - 06/08/2020 10:51 AM - quba42

- Status changed from POST to MODIFIED

Applied in changeset [fa89b426ab369b5339a439f99b58e983c4e40e60](https://pulp.plan.io/changeset/commit/fa89b426ab369b5339a439f99b58e983c4e40e60).

#5 - 03/30/2021 11:09 AM - quba42

- Status changed from MODIFIED to CLOSED - CURRENTRELEASE