

RPM Support - Issue #9350

gpgkey value created for .repo file wrongly has two slashes after hostname; fails to verify signature

09/07/2021 10:23 AM - jxsxs

Status:	CLOSED - CURRENTRELEASE	Start date:	
Priority:	Normal	Due date:	
Assignee:	dalley	Estimated time:	0:00 hour
Category:		Groomed:	No
Sprint/Milestone:	3.16.0	Sprint Candidate:	No
Severity:	2. Medium	Tags:	
Version:		Sprint:	Sprint 105
Platform Release:		Quarter:	Q4-2021
OS:			
Triaged:	Yes		
Description			
Noticed when adding and installing a repo build with pulp.			
"Error: Failed to download metadata for repo 'mycompany-2.x-rhel-8': repomd.xml GPG signature verification error: Bad GPG signature "			
Looking at the repo config			
<pre>[mycompany-2.x-rhel-8] enabled=1 baseurl=https://download.mycompany.com/2.x-rhel-8/ gpgcheck=1 repo_gpgcheck=1 gpgkey=https://download.mycompany.com//2.x-rhel-8/repo/repodata/repomd.xml.key notice ^^</pre>			
It seems to be constructed here: https://github.com/pulp/pulp_rpm/blob/c29fe23ccb01bb9b148a38f450fe2ede4703bae3/pulp_rpm/app/models/repository.py#L442-449			
versionmap:			
<pre>core: 3.14.4 rpm: 3.14.1 file: 1.8.2 deb: 2.14.1 container: 2.8.0</pre>			
Related issues:			
Copied to RPM Support - Backport #9429: Backport #9350 "gpgkey value created ...		CLOSED - CURRENTRELEASE	

Associated revisions

Revision f5300246 - 09/22/2021 03:50 PM - dalley

Fixes edge case where gpg key location in .repo file is invalid

closes: #9350 <https://pulp.plan.io/issues/9350>

History

#1 - 09/09/2021 05:28 PM - dalley

- Subject changed from *gpgkey value wrongly has two slashes after hostname; fails to verify signature* to *gpgkey value created for .repo file wrongly has two slashes after hostname; fails to verify signature*

- Triaged changed from No to Yes

- Sprint set to Sprint 105

- Quarter set to Q4-2021

#2 - 09/11/2021 05:27 AM - dalley

- Status changed from NEW to ASSIGNED

- Assignee set to dalley

#3 - 09/11/2021 07:12 AM - dalley

- Sprint/Milestone set to 3.14.4

#4 - 09/12/2021 08:19 AM - dalley

Can you show your configuration of the distribution, and the repository? My first attempt to reproduce is unsuccessful

gpgkey=<http://pulp3-source-fedora34.localhost.example.com/pulp/content/7bb2aa32-2bfc-4b6a-8a1c-0a6ffa51b7dc/repodata/repomd.xml.key>

#5 - 09/21/2021 03:35 PM - dannysauer

We have an empty prefix; rather than using the default /pulp, we serve from the server root. It looks to me like that empty variable might result in two adjacent slashes after the hostname when the path is reconstructed.

#6 - 09/21/2021 03:49 PM - dalley

That is helpful context, thanks.

#7 - 09/22/2021 04:38 AM - dalley

- Sprint/Milestone changed from 3.14.4 to 3.16.0

#8 - 09/22/2021 04:39 AM - dalley

- Copied to Backport #9429: Backport #9350 "gpgkey value created for .repo file wrongly has two slashes after hostname; fails to verify signature" to 3.14.z added

#9 - 09/22/2021 04:45 AM - dalley

I'm guessing that CONTENT_PREFIX is not actually empty, but a lone "/", as shown in the 2nd example?

```
In [2]: foo("origin", "", "base", "key")
```

```
Out[2]: 'origin/base/key'
```

```
In [3]: foo("origin", "/", "base", "key")
```

```
Out[3]: 'origin//base/key'
```

```
In [4]: foo("origin", "prefix", "base", "key")
```

```
Out[4]: 'origin/prefix/base/key'
```

```
In [5]: foo("origin", "/prefix/", "base", "key")
```

```
Out[5]: 'origin/prefix/base/key'
```

```
In [6]: foo("origin", "prefix/", "base", "key")
```

```
Out[6]: 'origin/prefix/base/key'
```

#10 - 09/22/2021 05:22 AM - pulpbot

- Status changed from ASSIGNED to POST

PR: https://github.com/pulp/pulp_rpm/pull/2129

#11 - 09/22/2021 03:50 PM - dalley

- Status changed from POST to MODIFIED

Applied in changeset [f53002466efd809e1d49f2b0f8c6fb12ea344293](https://github.com/pulp/pulp_rpm/pull/2129).

#12 - 10/20/2021 09:07 PM - pulpbot

- Status changed from MODIFIED to CLOSED - CURRENTRELEASE