

Debian Support - Issue #9239

Add support for Ubuntu comand-not-found (CNF) indices

08/13/2021 05:55 PM - wilful

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

Description

Hi! I trying create mirror for official ubuntu repository: <http://archive.ubuntu.com/ubuntu/> After creation on my test Ubuntu server i see error:

```
/pulp/content/archive.ubuntu.com/dists/focal/main/cnf/Commands-amd64: 404 Not Found [IP: 172.24.160.15 80]
```

```
E: Some index files failed to download. They have been ignored, or old ones used instead.
```

It content (CNF) have in source but not in my repository I use verbatim publisher, on_demand policy

```
{
  "pulp_href": "/pulp/api/v3/remotes/deb/apt/25c10483-64e2-492a-ac30-6efb5bbe3683/",
  "pulp_created": "2021-08-13T13:58:19.364006Z",
  "name": "archive.ubuntu.com",
  "url": "http://archive.ubuntu.com/ubuntu/",
  "ca_cert": null,
  "client_cert": null,
  "tls_validation": true,
  "proxy_url": null,
  "pulp_labels": {},
  "pulp_last_updated": "2021-08-13T13:58:19.364027Z",
  "download_concurrency": null,
  "max_retries": null,
  "policy": "on_demand",
  "total_timeout": null,
  "connect_timeout": null,
  "sock_connect_timeout": null,
  "sock_read_timeout": null,
  "headers": null,
  "rate_limit": null,
  "distributions": "trusty focal",
  "components": null,
  "architectures": "amd64",
  "sync_sources": false,
  "sync_udebs": false,
  "sync_installer": false,
  "gpgkey": null,
  "ignore_missing_package_indices": false
},
```

Can i add it is cnf folder?

History

#1 - 08/17/2021 01:16 PM - quba42

- Subject changed from *CNF not found in Ubuntu cloned repository to Add support for Ubuntu command-not-found (CNF) indices*

It looks like `Commands-amd64` is a new type of metadata file used by Ubuntu repos, that `pulp_deb` does not currently support. (This is the first time I have heard of this type of file.)

As such, this ticket is essentially a feature request, and I have reformulated it as such!

Note: I have found the following statement regarding this feature: "Starting with Ubuntu Focal (20.04), the APT client expects APT sources to provide `command-not-found` (`cnf`) metadata files."

#2 - 08/18/2021 03:55 AM - ajsween

There are three different meta data types not being sync'd as of Ubuntu 20.04:

- `cnf` - `command-not-found` (apt purge `command-not-found` will remove this)
- `i11n` - translation files (echo 'Acquire::Languages "none";' > /etc/apt.conf.d/99translations)
- `appstream` - (apt purge `appstream` will remove but it disables installs from GUI app store)

I included how to work around if you are okay with forgoing apt install recommendations with `cnf`, translation files with `i11n`, and App Store installs with `appstream`.

#3 - 08/18/2021 08:47 AM - quba42

There is a open issue for translation files: <https://pulp.plan.io/issues/8734>

I will have a look at the other type you mentioned.

#4 - 08/18/2021 01:48 PM - ajsween

`appstream` is the "DEP-11" folder in main for Ubuntu Focal Fossa.

#5 - 10/29/2021 09:51 PM - mgoddard

Also hitting this issue. Is there a timeframe for implementation?

#6 - 11/02/2021 09:38 AM - quba42

- *Sprint/Milestone set to Katello*

#7 - 11/02/2021 09:40 AM - quba42

mgoddard wrote:

Also hitting this issue. Is there a timeframe for implementation?

No timeframe as of yet I am afraid. I will throw this ticket into our internal triage and see what happens.

As I understand this is just a Warning, so the workaround is to ignore the issue and carry on without CNF indices.